CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

GENERATOR: U.S EPA Region II MANIFEST NJA 1871026

USEPA ID NO. NYD 083533125

Is Waste Analysis available? X No ____ Yes, Copy Attached

I. MANIFEST INFORMATION

LINE ITEM	WASTEWATER OR NONWASTEWATER	LIST ALL EPA HAZARDOUS WASTE CODES (RCRA CODES)	CCI PRODUCT CODES
A	WW	D002	UDW
B	NWW	D011	AA/R
C	NWW	D009	mm
D	NWW	None	F045

II. D001, D002, D003 (ICR WASTES)

LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW
ABCD	D001	IGNITABLE LIQUIDS – WASTEWATERS	(1)	NA
ABCD	D001	IGNITABLE LIQUIDS – WASTEWATERS	(2)	NA
ABCD	D001	IGNITABLE LIQUIDS <10% TOC	NA	(2)
ABCD	D001	IGNITABLE LIQUIDS ≥ 10% TOC	NA	(3)
ABCD	D001	IGNITABLE REACTIVE	NA	(2)
ABCD	D001	OXIDIZERS	(2)	(2)

LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW
ABCD	D002	ACID SUBCATEGORY	(2)	(2)
ABCD	D002	ALKALINE SUBCATEGORY	(2)	(2)
ABCD	D002	OTHER CORROSIVES	(2)	(2)
ABCD	D003	REACTIVE SULFIDES	(1)	(1)
ABCD	D003	WATER REACTIVE	NA	(1)
ABCD	D003	OTHER REACTIVE	(1)	(1)

☒ **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND DOES NOT CONTAIN ANY UNDERLYING HAZARDOUS CONSTITUENTS AS LISTED IN RCRA WASTE CODE F039 MULTISOURCE LEACHATE,OR THE WASTE WILL BE MANAGED IN CLEAN WATER ACT SYSTEMS.**

☐ **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND MUST MEET UNDERLYING HAZARDOUS CONSTITUENTS TREATMENT STANDARDS AS LISTED IN RCRA WASTE CODE F039 MULTI-SOURCE LEACHATE.**

III. D004 - DO11 (TCLP INORGANICS)

		WW	NWW
ABCD	D004-ARSENIC	(6)	(4)
ABCD	D005-BARIUM		
ABCD	D006-CADMIUM		
ABCD	D007-CHROMIUM		
ABCD	D008-LEAD		
ABCD	D009 MERCURY < 260 mg/kg		
ABCD	D010-SELENIUM		
ABCD	D011-SILVER		

IV. ABCD **D006 CADMIUM CONTAINING BATTERIES** NA (7)

V. ABCD **D008 LEAD ACID BATTERIES** NA (8)

VI. ABCD **D009 TOTAL MERCURY**

☐ High Hg,≥ 260 mg/kg mercury and organics not including incinerator residues	NA	(9) or (10)
☒ High Hg,≥ 260 mg/kg inorganics including incinerator residues and RMERC residue	NA	(10)

VII. D012-D017

	WW	NWW
ABCD D012 ENDRIN	(11) or (13)	(6)
ABCD D013 LINDANE	(12) or (13)	(6)
ABCD D014 METHOXYCHLOR	(13) or (14)	(6)
ABCD D015 TOXAPHENE	(11) or (13)	(6)
ABCD D016 2,4-D	(11),(13) or (15)	(6)
ABCD D017 2,4,5-TP (SILVEX)	(13) or (15)	(6)

VIII. RESTRICTED WASTE NOTIFICATION

(OTHER LISTED HAZARDOUS WASTE F, K, P, AND U CODES)

LINE ITEM	RCRA CODE	TECHNOLOGY CODE	TREATMENT STANDARD 40 CFR 268. 41(a)	42(a)	43(a)	WW	NWW	APPLICABLE SUBCATEGORY
ABCD								
ABCD								
ABCD								
ABCD								
ABCD								
ABCD								
ABCD								
ABCD								
ABCD								
ABCD								

IX. CALIFORNIA LIST WASTES

ABCD NICKEL ≥ 134 mg/1

ABCD THALLIUM ≥ 130 mg/1

ABCD LIQUIDS WITH PCB's ≥ 50 PPM

ABCD HALOGENATED ORGANIC CARBON (HOC's) ≥ 1000 mg/1

358076

TREATMENT STANDARDS FOR F039 MULTI-SOURCE LEACHATE

CONSTITUENT CONCENTRATION IN WATER-CCW

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Acetone	0.28	100
Acenaphthalene	0.059	3.4
Acenphthene	0.59	4.0
Acetonitrile	0.17	NA
Acetophenone	0.010	9.7
2-Acetylaminoflourene	0.059	140
Acrolein	0.29	NA
Acrylonitrile	0.24	84
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	4.0
Aramite	0.36	NA
Aroclor 1016	0.013	0.92
Aroclor 1221	0.014	0.92
Aroclor 1232	0.013	0.92
Aroclor 1242	0.017	0.92
Aroclor 1248	0.013	0.92
Aroclor 1254	0.014	1.8
Aroclor 1260	0.014	1.8
alpha-BHC	0.00014	0.066
beta-BHC	0.00014	0.066
delta-BHC	0.023	0.066
gamma-BHC	0.0017	0.066
Benzene	0.14	36
Benzo(a)anthracene	0.059	8.2
Benzo(b)fluoranthene	0.055	3.4
Benzo(k)fluoranthene	0.059	3.4
Benzo(g,h,i)perylene	0.0055	1.5
Benzo(a)pyrene	0.061	8.2
Bromodichloromethane	0.35	15
Bromoform	0.63	15
Bromomethane	0.11	15
4-Bromaphenyl phenyl ether	0.055	15
n-Butyl alcohol	5.6	2.6
Butyl benzyl phthalate	0.017	7.9
2-sec-Butyl-4,6-dinitrophenol	0.066	2.5
Carbon tetrachloride	0.057	5.6
Carbon disulfide	0.014	NA
Chlordane	0.0033	0.13
p-Chloroaniline	0.46	16
Chlorobenzene	0.057	5.7
Chloroberzilate	0.10	NA
2-Chloro-1,3-butadiene	0.057	NA
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
bis(2-Chloroethoxy) methane	0.036	7.2
bis-(Choroethyl) ether	0.033	7.2
Chloroform	0.046	5.6
bis(2-Chloroisopropyl ether	0.055	7.2
p-Chloro-m-cresol	0.018	14
Chloromethane	0.19	33
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	28
Chrysene	0.059	8.2
o-Cresol	0.11	5.6
Cresol (m-and p-isomers)	0.77	3.2
Cyclohexanone		
1.2-Dibromo-3-chloro-propane	0.11	15
1.2-Dibromoethane	0.028	15
Dibromomethane	0.11	15
2-Dichlorophenoxy-acetic acid (2,4-D)	0.72	10
o.p'-DDD	0.023	0.087
p.p'-DDD	0.023	0.087
o.p'-DDE	0.031	0.087
p.p'-DDE	0.031	0.087
o.p'-DDT	0.0039	0.087
p.p'-DDT	0.0039	0.087
Dibenzo(a,h)anthracene	0.055	8.2
Dibenzo(a,e)pyrene	0.061	NA
m-Dichlorobenzene	0.36	6.2
o-Dichlorobenzene	0.088	6.2
p-Dichlorobenzene	0.090	6.2
Dichlorodifluoro-methane	0.23	7.2
1,1-Dichloroethane	0.59	7.2
1,2-Dichloroethane	0.21	7.2
1,1-Dichloroethylene	0.025	33
trans-1,2-Dichloro-ethene	0.044	14
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
c15-1,3-Dichloro-propene	0.036	18
trans-1,3-Dichloro-propene	0.036	18
Dieldrin	0.017	0.13
Diethyl phthalate	0.20	28
24-Dimethylphenol	0.036	14
Dimethyl phthalate	0.047	28
Di-n butyl phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-o-cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-n-octyl phthalate	0.017	28
Di-n-propylnitroso-amine	0.40	14
Diphenylamine	0.52	NA
1,2-Diphenyl hydrazine	0.087	NA
Diphenyl nitrosamine	0.40	NA
1,4-Dioxane	0.12	170
Disulfoton	0.017	6.2
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin aldehyde	0.025	0.13
Ethyl acetate	0.34	33
Ethyl cyanide	0.24	360.0
Ethyl benzene	0.057	6.0
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	8.2
Fluorene	0.059	4.0
Fluorotrichloromethane	0.020	33
Heptachlor	0.0012	0.066
Heptachlor epoxide	0.016	0.066
Hexachlorobenzene	0.055	37
Hexachlorobutadiene	0.055	28
Hexachlorocyclo-pentadiene	0.057	3.6
Hexachlorodibenzo furans	0.000063	0.001
Hexachlorodibenzo-p-dioxins	0.000063	0.001
Hexachloroethane	0.055	28
Haxachloropropene	0.035	28
Indeno(1,2,3.-c,d) pyrene	0.0055	8.2
Iodomethane	0.019	65
sobutanol	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	NA
Methapyrilene	0.081	1.5
Methoxychlor	0.25	0.18
3-Metbylcholanthrene	0.0055	15
4,4-Methylene-bis-(2-chlonroaniline)	0.50	35
Methylene chloride	0.089	33
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	3.1
2-Naphtylamine	0.52	NA
p-Nitroaniline	0.028	28
Nitrobenzene	0.068	14
5-Nitro-o-toluidine	0.32	28
4-Nitrophenol	0.12	79
N-Nitrosodiethamine	0.40	28
N-Nitrosodimethylamine	0.40	NA
N-Nitroso-di-n-butylamine	0.40	17
N-Nitrosomethyl-ethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitropyrrolidine	0.013	35
Parathion	0.014	4.6
Pentachlorobenzene	0.055	37
Pentachlorodibenzo-furans	0.00063	0.001
Pentachlorodibenzo-p-dioxins	0.000063	0.001
Pentachloronitro-benzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	3.1
Phenol	0.039	6.2
Phorate	0.021	4.6
Phthalic anhydride	0.069	NA
Pronamide	0.093	15
Pyrene	0.067	8.2
Pyridine	0.014	16
Safrole	0.081	22
Silvex (2,4,5-TP)	0.72	7.9
2,4,5-T	0.72	7.9
1,2,4,5-Tetrachloro-benzene	0.055	19
Tetrachlorodibenzo-furans	0.000063	0.001
Tetrachlorodibenzo-p-dioxins	0.000063	0.001
p-d;oxins	0.000063	0.001
1,1,1,2,Tetrachloro-ethane	0.057 42	
1,1,2,2,Tetrachloro-ethane	0.057 42	
Tetrachloroethlyne	0.056	5.6
2,3,4,6-Tetrachloro-phenol	0.030	37
Toluene	0.080	28
Toxaphene	0.0095	13
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloromethane	0.054	5.6
1,1,2-Trichloromethane	0.054	5.6
Trichloroethylene	0.054	5.6
2,4,5-Trichlorophenol	0.18	37
2,4,6-Trichlorophenol	0.035	37
1,2,3-Trichloropropane	0.85	28
1,1,2-Trichloro-1,2,2-trifluoroethene	0.057	28
Tris(2,3-dibromopropyl) phosphate	0.11	NA
Vinyl chloride	0.27	33
Xylene(s)	0.32	28
Cyanides (Total)	1.2	1.8
Fluoride	35	NA
Sulfide	14	NA
Antimony	1.9	NA
Arsenic	1.4	NA
Barium	1.2	NA
Beryllium	0.82	NA
Cadmium	0.20	NA
Chromium (Total)	0.37	NA
Copper	1.3	NA
Lead	0.28	NA
Mercury	0.15	NA
Nickel	0.55	NA
Selenium	0.82	NA
Silver	0.29	NA
Thallium	1.4	NA
Vanadium	0.042	NA
Zinc	1.0	NA

Constituent Conc. in Waste Extract-CCWE

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Antimony	NA	0.23
Arsenic	NA	5.0
Barium	NA	52
Cadmium	NA	0.066
Chromium (Total)	NA	5.2
Lead	NA	O.51
Mercury	NA	0.025
Nickel	NA	0.32
Selenium	NA	5.7
Silver	NA	0.072

[1]Treatment standards were established based upon incineration in units operated in accordance with technical requirements of 40 CFR Part 264/265 Subpart o, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may certify compliance with these standards according to 40 CFR 268.7??.

[2]Based on analysis of composite samples.

NA = Not Available
WW = Wastewater
NWW = Nonwastewater

Revised 8/7/92

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

GENERATOR: U.S. EPA Region # MANIFEST NJA 187 1027

USEPA ID NO. NYD 083533125

Is Waste Analysis available? X No ____ Yes, Copy Attached

I. MANIFEST INFORMATION

LINE ITEM	WASTEWATER OR NONWASTEWATER	LIST ALL EPA HAZARDOUS WASTE CODES (RCRA CODES)	CCI PRODUCT CODES
A	NWW	D002, D003	Ex001
B	NWW	D002, D004	u0m
C	WW	D002	u0m
D	WW	D001, D011	u0X

II. D001, D002, D003 (ICR WASTES)

LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW
ABCD ___	D001	IGNITABLE LIQUIDS – WASTEWATERS	(1)	NA
ABCD ___	D001	IGNITABLE LIQUIDS – WASTEWATERS	(2)	NA
ABCD ___	D001	IGNITABLE LIQUIDS <10% TOC	NA	(2)
ABCD ___	D001	IGNITABLE LIQUIDS ≥ 10% TOC	NA	(3)
ABCD ___	D001	IGNITABLE REACTIVE	NA	(2)
ABCD ___	D001	OXIDIZERS	(2)	(2)

LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW
ABCD ___	D002	ACID SUBCATEGORY	(2)	(2)
ABCD ___	D002	ALKALINE SUBCATEGORY	(2)	(2)
ABCD ___	D002	OTHER CORROSIVES	(2)	(2)
ABCD ___	D003	REACTIVE SULFIDES	(1)	(1)
ABCD ___	D003	WATER REACTIVE	NA	(1)
ABCD ___	D003	OTHER REACTIVE	(1)	(1)

☐ **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND DOES NOT CONTAIN ANY UNDERLYING HAZARDOUS CONSTITUENTS AS LISTED IN RCRA WASTE CODE F039 MULTISOURCE LEACHATE,OR THE WASTE WILL BE MANAGED IN CLEAN WATER ACT SYSTEMS.**

☒ **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND MUST MEET UNDERLYING HAZARDOUS CONSTITUENTS TREATMENT STANDARDS AS LISTED IN RCRA WASTE CODE F039 MULTI-SOURCE LEACHATE.**

III. D004 - DO11 (TCLP INORGANICS)

		WW	NWW
ABCD ___ D004-ARSENIC	ABCD ___ D005-BARIUM	(6)	(4)
ABCD ___ D007-CHROMIUM	ABCD ___ D008-LEAD		
ABCD ___ D010-SELENIUM	ABCD ___ D011-SILVER		
ABCD ___ D006-CADMIUM			
ABCD ___ D009 MERCURY < 260 mg/kg			

IV. ABCD___ **D006 CADMIUM CONTAINING BATTERIES** — NA (7)

V. ABCD___ **D008 LEAD ACID BATTERIES** — NA (8)

VI. ABCD___ **D009 TOTAL MERCURY**

- ☐ High Hg,≥ 260 mg/kg mercury and organics not including incinerator residues — NA (9) or (10)
- ☐ High Hg,≥ 260 mg/kg inorganics including incinerator residues and RMERC residue — NA (10)

VII. D012-D017

	WW	NWW		WW	NWW
ABCD ___ D012 ENDRIN	(11) or (13)	(6)	ABCD ___ D015 TOXAPHENE	(11) or (13)	(6)
ABCD ___ D013 LINDANE	(12) or (13)	(6)	ABCD ___ D016 2,4-D	(11),(13) or (15)	(6)
ABCD ___ D014 METHOXYCHLOR	(13) or (14)	(6)	ABCD ___ D017 2,4,5-TP (SILVEX)	(13) or (15)	(6)

VIII. RESTRICTED WASTE NOTIFICATION

(OTHER LISTED HAZARDOUS WASTE F, K, P, AND U CODES)

LINE ITEM	RCRA CODE	TECHNOLOGY CODE	TREATMENT STANDARD 40 CFR 268. 41(a)	42(a)	43(a)	WW	NWW	APPLICABLE SUBCATEGORY
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	

IX. CALIFORNIA LIST WASTES

ABCD ___ NICKEL ≥ 134 mg/1

ABCD ___ THALLIUM ≥ 130 mg/1

ABCD ___ LIQUIDS WITH PCB's ≥ 50 PPM

ABCD ___ HALOGENATED ORGANIC CARBON (HOC's) ≥ 1000 mg/1

TREATMENT STANDARDS FOR F039 MULTI-SOURCE LEACHATE

CONSTITUENT CONCENTRATION IN WATER-CCW

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Acetone	0.28	100
Acenaphthalene	0.059	3.4
Acenphthene	0.59	4.0
Acetonitrile	0.17	NA
Acetophenone	0.010	9.7
2-Acetylaminoflourene	0.059	140
Acrolein	0.29	NA
Acrylonitrile	0.24	84
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	4.0
Aramite	0.36	NA
Aroclor 1016	0.013	0.92
Aroclor 1221	0.014	0.92
Aroclor 1232	0.013	0.92
Aroclor 1242	0.017	0.92
Aroclor 1248	0.013	0.92
Aroclor 1254	0.014	1.8
Aroclor 1260	0.014	1.8
alpha-BHC	0.00014	0.066
beta-BHC	0.00014	0.066
delta-BHC	0.023	0.066
gamma-BHC	0.0017	0.066
Benzene	0.14	36
Benzo(a)anthracene	0.059	8.2
Benzo(b)fluoranthene	0.055	3.4
Benzo(k)fluoranthene	0.059	3.4
Benzo(g,h,i)perylene	0.0055	1.5
Benzo(a)pyrene	0.061	8.2
Bromodichloromethane	0.35	15
Bromoform	0.63	15
Bromomethane	0.11	15
4-Bromaphenyl phenyl ether	0.055	15
n-Butyl alcohol	5.6	2.6
Butyl benzyl phthalate	0.017	7.9
2-sec-Butyl-4,6-dinitrophenol	0.066	2.5
Carbon tetrachloride	0.057	5.6
Carbon disulfide	0.014	NA
Chlordane	0.0033	0.13
p-Chloroaniline	0.46	16
Chlorobenzene	0.057	5.7
Chloroberzilate	0.10	NA
2-Chloro-1,3-butadiene	0.057	NA
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
bis(2-Chloroethoxy) methane	0.036	7.2
bis-(Choroethyl) ether	0.033	7.2
Chloroform	0.046	5.6
bis(2-Chloroisopropyl ether	0.055	7.2
p-Chloro-m-cresol	0.018	14
Chloromethane	0.19	33
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	28
Chrysene	0.059	8.2
o-Cresol	0.11	5.6
Cresol (m-and p-isomers)	0.77	3.2
Cyclohexanone		
1.2-Dibromo-3-chloro-propane	0.11	15
1.2-Dibromoethane	0.028	15
Dibromomethane	0.11	15
2-Dichlorophenoxy-acetic acid (2,4-D)	0.72	10
o.p'-DDD	0.023	0.087
p.p'-DDD	0.023	0.087
o.p'-DDE	0.031	0.087
p.p'-DDE	0.031	0.087
o.p'-DDT	0.0039	0.087
p.p'-DDT	0.0039	0.087
Dibenzo(a,h)anthracene	0.055	8.2
Dibenzo(a,e)pyrene	0.061	NA
m-Dichlorobenzene	0.36	6.2
o-Dichlorobenzene	0.088	6.2
p-Dichlorobenzene	0.090	6.2
Dichlorodifluoro-methane	0.23	7.2
1,1-Dichloroethane	0.59	7.2
1,2-Dichloroethane	0.21	7.2
1,1-Dichloroethylene	0.025	33
trans-1,2-Dichloro-ethene	0.044	14
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
c15-1,3-Dichloro-propene	0.036	18
trans-1,3-Dichloro-propene	0.036	18
Dieldrin	0.017	0.13
Diethyl phthalate	0.20	28
24-Dimethylphenol	0.036	14
Dimethyl phthalate	0.047	28
Di-n butyl phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-o-cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-n-octyl phthalate	0.017	28
Di-n-propylnitroso-amine	0.40	14
Diphenylamine	0.52	NA
1,2-Diphenyl hydrazine	0.087	NA
Diphenyl nitrosamine	0.40	NA
1,4-Dioxane	0.12	170
Disulfoton	0.017	6.2
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin aldehyde	0.025	0.13
Ethyl acetate	0.34	33
Ethyl cyanide	0.24	360.0
Ethyl benzene	0.057	6.0
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	8.2
Fluorene	0.059	4.0
Fluorotrichloromethane	0.020	33
Heptachlor	0.0012	0.066
Heptachlor epoxide	0.016	0.066
Hexachlorobenzene	0.055	37
Hexachlorobutadiene	0.055	28
Hexachlorocyclo-pentadiene	0.057	3.6
Hexachlorodibenzo furans	0.000063	0.001
Hexachlorodibenzo-p-dioxins	0.000063	0.001
Hexachloroethane	0.055	28
Haxachloropropene	0.035	28
Indeno(1,2,3.-c,d) pyrene	0.0055	8.2
Iodomethane	0.019	65
sobutanol	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	NA
Methapyrilene	0.081	1.5
Methoxychlor	0.25	0.18
3-Metbylcholanthrene	0.0055	15
4,4-Methylene-bis-(2-chlonroaniline)	0.50	35
Methylene chloride	0.089	33
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	3.1
2-Naphtylamine	0.52	NA
p-Nitroaniline	0.028	28
Nitrobenzene	0.068	14
5-Nitro-o-toluidine	0.32	28
4-Nitrophenol	0.12	79
N-Nitrosodiethamine	0.40	28
N-Nitrosodimethylamine	0.40	NA
N-Nitroso-di-n-butylamine	0.40	17
N-Nitrosomethyl-ethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitropyrrolidine	0.013	35
Parathion	0.014	4.6
Pentachlorobenzene	0.055	37
Pentachlorodibenzo-furans	0.00063	0.001
Pentachlorodibenzo-p-dioxins	0.000063	0.001
Pentachloronitro-benzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	3.1
Phenol	0.039	6.2
Phorate	0.021	4.6
Phthalic anhydride	0.069	NA
Pronamide	0.093	15
Pyrene	0.067	8.2
Pyridine	0.014	16
Safrole	0.081	22
Silvex (2,4,5-TP)	0.72	7.9
2,4,5-T	0.72	7.9
1,2,4,5-Tetrachloro-benzene	0.055	19
Tetrachlorodibenzo-furans	0.000063	0.001
Tetrachlorodibenzo-p-dioxins	0.000063	0.001
p-d;oxins	0.000063	0.001
1,1,1,2,Tetrachloro-ethane	0.057 42	
1,1,2,2,Tetrachloro-ethane	0.057 42	
Tetrachloroethlyne	0.056	5.6
2,3,4,6-Tetrachloro-phenol	0.030	37
Toluene	0.080	28
Toxaphene	0.0095	13
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloromethane	0.054	5.6
1,1,2-Trichloromethane	0.054	5.6
Trichloroethylene	0.054	5.6
2,4,5-Trichlorophenol	0.18	37
2,4,6-Trichlorophenol	0.035	37
1,2,3-Trichloropropane	0.85	28
1,1,2-Trichloro-1,2,2-trifluoroethene	0.057	28
Tris(2,3-dibromopropyl) phosphate	0.11	NA
Vinyl chloride	0.27	33
Xylene(s)	0.32	28
Cyanides (Total)	1.2	1.8
Fluoride	35	NA
Sulfide	14	NA
Antimony	1.9	NA
Arsenic	1.4	NA
Barium	1.2	NA
Beryllium	0.82	NA
Cadmium	0.20	NA
Chromium (Total)	0.37	NA
Copper	1.3	NA
Lead	0.28	NA
Mercury	0.15	NA
Nickel	0.55	NA
Selenium	0.82	NA
Silver	0.29	NA
Thallium	1.4	NA
Vanadium	0.042	NA
Zinc	1.0	NA

Constituent Conc. in Waste Extract-CCWE

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Antimony	NA	0.23
Arsenic	NA	5.0
Barium	NA	52
Cadmium	NA	0.066
Chromium (Total)	NA	5.2
Lead	NA	O.51
Mercury	NA	0.025
Nickel	NA	0.32
Selenium	NA	5.7
Silver	NA	0.072

[1]Treatment standards were established based upon incineration in units operated in accordance with technical requirements of 40 CFR Part 264/265 Subpart o, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may certify compliance with these standards according to 40 CFR 268.7??.

[2]Based on analysis of composite samples.

NA = Not Available
WW = Wastewater
NWW = Nonwastewater

Revised 8/7/92

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

GENERATOR: U.S. EPA Region II MANIFEST NJA 1871029

USEPA ID NO. NYD 083 533125

Is Waste Analysis available? X No ____ Yes, Copy Attached

I. MANIFEST INFORMATION

LINE ITEM	WASTEWATER OR NONWASTEWATER	LIST ALL EPA HAZARDOUS WASTE CODES (RCRA CODES)	CCI PRODUCT CODES
A	Nonwastewater	D003, D001	ENS
B	"	F003, D018, F005, F004	F021
C	"	D005, D007, D008, D018, F005	F021
D	"	F003, F005, D018	IK

II. D001, D002, D003 (ICR WASTES)

LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW
ABCD	D001	IGNITABLE LIQUIDS – WASTEWATERS	(1)	NA
ABCD	D001	IGNITABLE LIQUIDS – WASTEWATERS	(2)	NA
ABCD	D001	IGNITABLE LIQUIDS <10% TOC	NA	(2)
ABCD	D001	IGNITABLE LIQUIDS ≥10% TOC	NA	(3)
ABCD	D001	IGNITABLE REACTIVE	NA	(2)
ABCD	D001	OXIDIZERS	(2)	(2)
ABCD	D002	ACID SUBCATEGORY	(2)	(2)
ABCD	D002	ALKALINE SUBCATEGORY	[illegible]	(2)
ABCD	D002	OTHER CORROSIVES	(2)	(2)
ABCD	D003	REACTIVE SULFIDES	(1)	(1)
ABCD	D003	WATER REACTIVE	NA	(1)
ABCD	D003	OTHER REACTIVE	(1)	(1)

☒ **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND DOES NOT CONTAIN ANY UNDERLYING HAZARDOUS CONSTITUENTS AS LISTED IN RCRA WASTE CODE F039 MULTISOURCE LEACHATE,OR THE WASTE WILL BE MANAGED IN CLEAN WATER ACT SYSTEMS.**

☐ **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND MUST MEET UNDERLYING HAZARDOUS CONSTITUENTS TREATMENT STANDARDS AS LISTED IN RCRA WASTE CODE F039 MULTI-SOURCE LEACHATE.**

III. D004 - DO11 (TCLP INORGANICS) WW (6) NWW (4)

ABCD ___ D004-ARSENIC
ABCD ___ D005-BARIUM
ABCD ___ D006-CADMIUM
ABCD ___ D007-CHROMIUM
ABCD ___ D008-LEAD
ABCD ___ D009 MERCURY < 260 mg/kg
ABCD ___ D010-SELENIUM
ABCD ___ D011-SILVER

IV. ABCD___ **D006 CADMIUM CONTAINING BATTERIES** NA (7)

V. ABCD___ **D008 LEAD ACID BATTERIES** NA (8)

VI. ABCD___ **D009 TOTAL MERCURY**

☐ High Hg,≥ 260 mg/kg mercury and organics not including incinerator residues NA (9) or (10)

☐ High Hg,≥ 260 mg/kg inorganics including incinerator residues and RMERC residue NA (10)

VII. D012-D017

	WW	NWW
ABCD ___ D012 ENDRIN	(11) or (13)	(6)
ABCD ___ D013 LINDANE	(12) or (13)	(6)
ABCD ___ D014 METHOXYCHLOR	(13) or (14)	(6)
ABCD ___ D015 TOXAPHENE	(11) or (13)	(6)
ABCD ___ D016 2,4-D	(11),(13) or (15)	(6)
ABCD ___ D017 2,4,5-TP (SILVEX)	(13) or (15)	(6)

VIII. RESTRICTED WASTE NOTIFICATION
(OTHER LISTED HAZARDOUS WASTE F, K, P, AND U CODES)

LINE ITEM	RCRA CODE	TECHNOLOGY CODE	TREATMENT STANDARD 40 CFR 268. 41(a)	42(a)	43(a)	WW	NWW	APPLICABLE SUBCATEGORY
ABCD ___	D018	None	☐	☐	☐	☐	☐	
ABCD ___	D018	None	☐	☐	☐	☐	☐	
ABCD ___	D018	None	☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	

IX. CALIFORNIA LIST WASTES

ABCD ___ NICKEL ≥ 134 mg/1
ABCD ___ THALLIUM ≥ 130 mg/1
ABCD ___ LIQUIDS WITH PCB's ≥ 50 PPM
ABCD ___ HALOGENATED ORGANIC CARBON (HOC's) ≥ 1000 mg/1

TREATMENT STANDARDS FOR F039 MULTI-SOURCE LEACHATE

CONSTITUENT CONCENTRATION IN WATER-CCW

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Acetone	0.28	100
Acenaphthalene	0.059	3.4
Acenphthene	0.59	4.0
Acetonitrile	0.17	NA
Acetophenone	0.010	9.7
2-Acetylaminoflourene	0.059	140
Acrolein	0.29	NA
Acrylonitrile	0.24	84
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	4.0
Aramite	0.36	NA
Aroclor 1016	0.013	0.92
Aroclor 1221	0.014	0.92
Aroclor 1232	0.013	0.92
Aroclor 1242	0.017	0.92
Aroclor 1248	0.013	0.92
Aroclor 1254	0.014	1.8
Aroclor 1260	0.014	1.8
alpha-BHC	0.00014	0.066
beta-BHC	0.00014	0.066
delta-BHC	0.023	0.066
gamma-BHC	0.0017	0.066
Benzene	0.14	36
Benzo(a)anthracene	0.059	8.2
Benzo(b)fluoranthene	0.055	3.4
Benzo(k)fluoranthene	0.059	3.4
Benzo(g,h,i)perylene	0.0055	1.5
Benzo(a)pyrene	0.061	8.2
Bromodichloromethane	0.35	15
Bromoform	0.63	15
Bromomethane	0.11	15
4-Bromaphenyl phenyl ether	0.055	15
n-Butyl alcohol	5.6	2.6
Butyl benzyl phthalate	0.017	7.9
2-sec-Butyl-4,6-dinitrophenol	0.066	2.5
Carbon tetrachloride	0.057	5.6
Carbon disulfide	0.014	NA
Chlordane	0.0033	0.13
p-Chloroaniline	0.46	16
Chlorobenzene	0.057	5.7
Chloroberzilate	0.10	NA
2-Chloro-1,3-butadiene	0.057	NA
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
bis(2-Chloroethoxy) methane	0.036	7.2
bis-(Choroethyl) ether	0.033	7.2
Chloroform	0.046	5.6
bis(2-Chloroisopropyl ether	0.055	7.2
p-Chloro-m-cresol	0.018	14
Chloromethane	0.19	33
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	28
Chrysene	0.059	8.2
o-Cresol	0.11	5.6
Cresol (m-and p-isomers)	0.77	3.2
Cyclohexanone		
1.2-Dibromo-3-chloro-propane	0.11	15
1.2-Dibromoethane	0.028	15
Dibromomethane	0.11	15
2-Dichlorophenoxy-acetic acid (2,4-D)	0.72	10
o.p'-DDD	0.023	0.087
p.p'-DDD	0.023	0.087
o.p'-DDE	0.031	0.087
p.p'-DDE	0.031	0.087
o.p'-DDT	0.0039	0.087
p.p'-DDT	0.0039	0.087
Dibenzo(a,h)anthracene	0.055	8.2
Dibenzo(a,e)pyrene	0.061	NA
m-Dichlorobenzene	0.36	6.2
o-Dichlorobenzene	0.088	6.2
p-Dichlorobenzene	0.090	6.2
Dichlorodifluoro-methane	0.23	7.2
1,1-Dichloroethane	0.59	7.2
1,2-Dichloroethane	0.21	7.2
1,1-Dichloroethylene	0.025	33
trans-1,2-Dichloro-ethene	0.044	14
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
c15-1,3-Dichloro-propene	0.036	18
trans-1,3-Dichloro-propene	0.036	18
Dieldrin	0.017	0.13
Diethyl phthalate	0.20	28
24-Dimethylphenol	0.036	14
Dimethyl phthalate	0.047	28
Di-n butyl phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-o-cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-n-octyl phthalate	0.017	28
Di-n-propylnitroso-amine	0.40	14
Diphenylamine	0.52	NA
1,2-Diphenyl hydrazine	0.087	NA
Diphenyl nitrosamine	0.40	NA
1,4-Dioxane	0.12	170
Disulfoton	0.017	6.2
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin aldehyde	0.025	0.13
Ethyl acetate	0.34	33
Ethyl cyanide	0.24	360.0
Ethyl benzene	0.057	6.0
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	8.2
Fluorene	0.059	4.0
Fluorotrichloromethane	0.020	33
Heptachlor	0.0012	0.066
Heptachlor epoxide	0.016	0.066
Hexachlorobenzene	0.055	37
Hexachlorobutadiene	0.055	28
Hexachlorocyclo-pentadiene	0.057	3.6
Hexachlorodibenzo furans	0.000063	0.001
Hexachlorodibenzo-p-dioxins	0.000063	0.001
Hexachloroethane	0.055	28
Haxachloropropene	0.035	28
Indeno(1,2,3.-c,d) pyrene	0.0055	8.2
Iodomethane	0.019	65
sobutanol	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	NA
Methapyrilene	0.081	1.5
Methoxychlor	0.25	0.18
3-Metbylcholanthrene	0.0055	15
4,4-Methylene-bis-(2-chlonroaniline)	0.50	35
Methylene chloride	0.089	33
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	3.1
2-Naphtylamine	0.52	NA
p-Nitroaniline	0.028	28
Nitrobenzene	0.068	14
5-Nitro-o-toluidine	0.32	28
4-Nitrophenol	0.12	79
N-Nitrosodiethamine	0.40	28
N-Nitrosodimethylamine	0.40	NA
N-Nitroso-di-n-butylamine	0.40	17
N-Nitrosomethyl-ethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitropyrrolidine	0.013	35
Parathion	0.014	4.6
Pentachlorobenzene	0.055	37
Pentachlorodibenzo-furans	0.00063	0.001
Pentachlorodibenzo-p-dioxins	0.000063	0.001
Pentachloronitro-benzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	3.1
Phenol	0.039	6.2
Phorate	0.021	4.6
Phthalic anhydride	0.069	NA
Pronamide	0.093	15
Pyrene	0.067	8.2
Pyridine	0.014	16
Safrole	0.081	22
Silvex (2,4,5-TP)	0.72	7.9
2,4,5-T	0.72	7.9
1,2,4,5-Tetrachloro-benzene	0.055	19
Tetrachlorodibenzo-furans	0.000063	0.001
Tetrachlorodibenzo-p-dioxins	0.000063	0.001
p-d;oxins	0.000063	0.001
1,1,1,2,Tetrachloro-ethane	0.057 42	
1,1,2,2,Tetrachloro-ethane	0.057 42	
Tetrachloroethlyne	0.056	5.6
2,3,4,6-Tetrachloro-phenol	0.030	37
Toluene	0.080	28
Toxaphene	0.0095	13
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloromethane	0.054	5.6
1,1,2-Trichloromethane	0.054	5.6
Trichloroethylene	0.054	5.6
2,4,5-Trichlorophenol	0.18	37
2,4,6-Trichlorophenol	0.035	37
1,2,3-Trichloropropane	0.85	28
1,1,2-Trichloro-1,2,2-trifluoroethene	0.057	28
Tris(2,3-dibromopropyl) phosphate	0.11	NA
Vinyl chloride	0.27	33
Xylene(s)	0.32	28
Cyanides (Total)	1.2	1.8
Fluoride	35	NA
Sulfide	14	NA
Antimony	1.9	NA
Arsenic	1.4	NA
Barium	1.2	NA
Beryllium	0.82	NA
Cadmium	0.20	NA
Chromium (Total)	0.37	NA
Copper	1.3	NA
Lead	0.28	NA
Mercury	0.15	NA
Nickel	0.55	NA
Selenium	0.82	NA
Silver	0.29	NA
Thallium	1.4	NA
Vanadium	0.042	NA
Zinc	1.0	NA

Constituent Conc. in Waste Extract-CCWE

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Antimony	NA	0.23
Arsenic	NA	5.0
Barium	NA	52
Cadmium	NA	0.066
Chromium (Total)	NA	5.2
Lead	NA	O.51
Mercury	NA	0.025
Nickel	NA	0.32
Selenium	NA	5.7
Silver	NA	0.072

[1]Treatment standards were established based upon incineration in units operated in accordance with technical requirements of 40 CFR Part 264/265 Subpart o, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may certify compliance with these standards according to 40 CFR 268.7??.

[2]Based on analysis of composite samples.

NA = Not Available
WW = Wastewater
NWW = Nonwastewater

Revised 8/7/92

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

GENERATOR: U.S. EPA Region II MANIFEST NJA 1871030

USEPA ID NO. NYD 0835 33125

Is Waste Analysis available? X No ____ Yes, Copy Attached

I. MANIFEST INFORMATION

LINE ITEM	WASTEWATER OR NONWASTEWATER	LIST ALL EPA HAZARDOUS WASTE CODES (RCRA CODES)	CCI PRODUCT CODES
A	NWW	x910 - NJ	Lm408

II. D001, D002, D003 (ICR WASTES)

LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW	LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW
ABCD	D001	IGNITABLE LIQUIDS – WASTEWATERS	(1)	NA	ABCD	D002	ACID SUBCATEGORY	(2)	(2)
ABCD	D001	IGNITABLE LIQUIDS – WASTEWATERS	(2)	NA	ABCD	D002	ALKALINE SUBCATEGORY	(2)	(2)
ABCD	D001	IGNITABLE LIQUIDS <10% TOC	NA	(2)	ABCD	D002	OTHER CORROSIVES	(2)	(2)
ABCD	D001	IGNITABLE LIQUIDS ≥ 10% TOC	NA	(3)	ABCD	D003	REACTIVE SULFIDES	(1)	(1)
ABCD	D001	IGNITABLE REACTIVE	NA	(2)	ABCD	D003	WATER REACTIVE	NA	(1)
ABCD	D001	OXIDIZERS	(2)	(2)	ABCD	D003	OTHER REACTIVE	(1)	(1)

☐ **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND DOES NOT CONTAIN ANY UNDERLYING HAZARDOUS CONSTITUENTS AS LISTED IN RCRA WASTE CODE F039 MULTISOURCE LEACHATE,OR THE WASTE WILL BE MANAGED IN CLEAN WATER ACT SYSTEMS.**

☐ **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND MUST MEET UNDERLYING HAZARDOUS CONSTITUENTS TREATMENT STANDARDS AS LISTED IN RCRA WASTE CODE F039 MULTI-SOURCE LEACHATE.**

III. D004 - DO11 (TCLP INORGANICS) WW (6) NWW (4)

ABCD ___ D004-ARSENIC
ABCD ___ D005-BARIUM
ABCD ___ D006-CADMIUM
ABCD ___ D007-CHROMIUM
ABCD ___ D008-LEAD
ABCD ___ D009 MERCURY < 260 mg/kg
ABCD ___ D010-SELENIUM
ABCD ___ D011-SILVER

IV. ABCD___ **D006 CADMIUM CONTAINING BATTERIES** NA (7)

V. ABCD___ **D008 LEAD ACID BATTERIES** NA (8)

VI. ABCD___ **D009 TOTAL MERCURY**

	WW	NWW
☐ High Hg,≥ 260 mg/kg mercury and organics not including incinerator residues	NA	(9) or (10)
☐ High Hg,≥ 260 mg/kg inorganics including incinerator residues and RMERC residue	NA	(10)

VII. D012-D017

	WW	NWW		WW	NWW
ABCD ___ D012 ENDRIN	(11) or (13)	(6)	ABCD ___ D015 TOXAPHENE	(11) or (13)	(6)
ABCD ___ D013 LINDANE	(12) or (13)	(6)	ABCD ___ D016 2,4-D	(11),(13) or (15)	(6)
ABCD ___ D014 METHOXYCHLOR	(13) or (14)	(6)	ABCD ___ D017 2,4,5-TP (SILVEX)	(13) or (15)	(6)

VIII. RESTRICTED WASTE NOTIFICATION
(OTHER LISTED HAZARDOUS WASTE F, K, P, AND U CODES)

LINE ITEM	RCRA CODE	TECHNOLOGY CODE	TREATMENT STANDARD 40 CFR 268. 41(a)	42(a)	43(a)	WW	NWW	APPLICABLE SUBCATEGORY
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	

IX. CALIFORNIA LIST WASTES

ABCD ___ NICKEL ≥ 134 mg/1
ABCD ___ THALLIUM ≥ 130 mg/1
ABCD ___ LIQUIDS WITH PCB's ≥ 50 PPM
ABCD ___ HALOGENATED ORGANIC CARBON (HOC's) ≥ 1000 mg/1

TREATMENT STANDARDS FOR F039 MULTI-SOURCE LEACHATE

CONSTITUENT CONCENTRATION IN WATER-CCW

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Acetone	0.28	100
Acenaphthalene	0.059	3.4
Acenphthene	0.59	4.0
Acetonitrile	0.17	NA
Acetophenone	0.010	9.7
2-Acetylaminoflourene	0.059	140
Acrolein	0.29	NA
Acrylonitrile	0.24	84
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	4.0
Aramite	0.36	NA
Aroclor 1016	0.013	0.92
Aroclor 1221	0.014	0.92
Aroclor 1232	0.013	0.92
Aroclor 1242	0.017	0.92
Aroclor 1248	0.013	0.92
Aroclor 1254	0.014	1.8
Aroclor 1260	0.014	1.8
alpha-BHC	0.00014	0.066
beta-BHC	0.00014	0.066
delta-BHC	0.023	0.066
gamma-BHC	0.0017	0.066
Benzene	0.14	36
Benzo(a)anthracene	0.059	8.2
Benzo(b)fluoranthene	0.055	3.4
Benzo(k)fluoranthene	0.059	3.4
Benzo(g,h,i)perylene	0.0055	1.5
Benzo(a)pyrene	0.061	8.2
Bromodichloromethane	0.35	15
Bromoform	0.63	15
Bromomethane	0.11	15
4-Bromaphenyl phenyl ether	0.055	15
n-Butyl alcohol	5.6	2.6
Butyl benzyl phthalate	0.017	7.9
2-sec-Butyl-4,6-dinitrophenol	0.066	2.5
Carbon tetrachloride	0.057	5.6
Carbon disulfide	0.014	NA
Chlordane	0.0033	0.13
p-Chloroaniline	0.46	16
Chlorobenzene	0.057	5.7
Chloroberzilate	0.10	NA
2-Chloro-1,3-butadiene	0.057	NA
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
bis(2-Chloroethoxy) methane	0.036	7.2
bis-(Choroethyl) ether	0.033	7.2
Chloroform	0.046	5.6
bis(2-Chloroisopropyl ether	0.055	7.2
p-Chloro-m-cresol	0.018	14
Chloromethane	0.19	33
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	28
Chrysene	0.059	8.2
o-Cresol	0.11	5.6
Cresol (m-and p-isomers)	0.77	3.2
Cyclohexanone		
1.2-Dibromo-3-chloro-propane	0.11	15
1.2-Dibromoethane	0.028	15
Dibromomethane	0.11	15
2-Dichlorophenoxy-acetic acid (2,4-D)	0.72	10
o.p'-DDD	0.023	0.087
p.p'-DDD	0.023	0.087
o.p'-DDE	0.031	0.087
p.p'-DDE	0.031	0.087
o.p'-DDT	0.0039	0.087
p.p'-DDT	0.0039	0.087
Dibenzo(a,h)anthracene	0.055	8.2
Dibenzo(a,e)pyrene	0.061	NA
m-Dichlorobenzene	0.36	6.2
o-Dichlorobenzene	0.088	6.2
p-Dichlorobenzene	0.090	6.2
Dichlorodifluoro-methane	0.23	7.2
1,1-Dichloroethane	0.59	7.2
1,2-Dichloroethane	0.21	7.2
1,1-Dichloroethylene	0.025	33
trans-1,2-Dichloro-ethene	0.044	14
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
c15-1,3-Dichloro-propene	0.036	18
trans-1,3-Dichloro-propene	0.036	18
Dieldrin	0.017	0.13
Diethyl phthalate	0.20	28
24-Dimethylphenol	0.036	14
Dimethyl phthalate	0.047	28
Di-n butyl phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-o-cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-n-octyl phthalate	0.017	28
Di-n-propylnitroso-amine	0.40	14
Diphenylamine	0.52	NA
1,2-Diphenyl hydrazine	0.087	NA
Diphenyl nitrosamine	0.40	NA
1,4-Dioxane	0.12	170
Disulfoton	0.017	6.2
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin aldehyde	0.025	0.13
Ethyl acetate	0.34	33
Ethyl cyanide	0.24	360.0
Ethyl benzene	0.057	6.0
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	8.2
Fluorene	0.059	4.0
Fluorotrichloromethane	0.020	33
Heptachlor	0.0012	0.066
Heptachlor epoxide	0.016	0.066
Hexachlorobenzene	0.055	37
Hexachlorobutadiene	0.055	28
Hexachlorocyclo-pentadiene	0.057	3.6
Hexachlorodibenzo furans	0.000063	0.001
Hexachlorodibenzo-p-dioxins	0.000063	0.001
Hexachloroethane	0.055	28
Haxachloropropene	0.035	28
Indeno(1,2,3.-c,d) pyrene	0.0055	8.2
Iodomethane	0.019	65
sobutanol	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	NA
Methapyrilene	0.081	1.5
Methoxychlor	0.25	0.18
3-Metbylcholanthrene	0.0055	15
4,4-Methylene-bis-(2-chlonroaniline)	0.50	35
Methylene chloride	0.089	33
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	3.1
2-Naphtylamine	0.52	NA
p-Nitroaniline	0.028	28
Nitrobenzene	0.068	14
5-Nitro-o-toluidine	0.32	28
4-Nitrophenol	0.12	79
N-Nitrosodiethamine	0.40	28
N-Nitrosodimethylamine	0.40	NA
N-Nitroso-di-n-butylamine	0.40	17
N-Nitrosomethyl-ethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitropyrrolidine	0.013	35
Parathion	0.014	4.6
Pentachlorobenzene	0.055	37
Pentachlorodibenzo-furans	0.00063	0.001
Pentachlorodibenzo-p-dioxins	0.000063	0.001
Pentachloronitro-benzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	3.1
Phenol	0.039	6.2
Phorate	0.021	4.6
Phthalic anhydride	0.069	NA
Pronamide	0.093	15
Pyrene	0.067	8.2
Pyridine	0.014	16
Safrole	0.081	22
Silvex (2,4,5-TP)	0.72	7.9
2,4,5-T	0.72	7.9
1,2,4,5-Tetrachloro-benzene	0.055	19
Tetrachlorodibenzo-furans	0.000063	0.001
Tetrachlorodibenzo-p-dioxins	0.000063	0.001
p-d;oxins	0.000063	0.001
1,1,1,2,Tetrachloro-ethane	0.057 42	
1,1,2,2,Tetrachloro-ethane	0.057 42	
Tetrachloroethlyne	0.056	5.6
2,3,4,6-Tetrachloro-phenol	0.030	37
Toluene	0.080	28
Toxaphene	0.0095	13
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloromethane	0.054	5.6
1,1,2-Trichloromethane	0.054	5.6
Trichloroethylene	0.054	5.6
2,4,5-Trichlorophenol	0.18	37
2,4,6-Trichlorophenol	0.035	37
1,2,3-Trichloropropane	0.85	28
1,1,2-Trichloro-1,2,2-trifluoroethene	0.057	28
Tris(2,3-dibromopropyl) phosphate	0.11	NA
Vinyl chloride	0.27	33
Xylene(s)	0.32	28
Cyanides (Total)	1.2	1.8
Fluoride	35	NA
Sulfide	14	NA
Antimony	1.9	NA
Arsenic	1.4	NA
Barium	1.2	NA
Beryllium	0.82	NA
Cadmium	0.20	NA
Chromium (Total)	0.37	NA
Copper	1.3	NA
Lead	0.28	NA
Mercury	0.15	NA
Nickel	0.55	NA
Selenium	0.82	NA
Silver	0.29	NA
Thallium	1.4	NA
Vanadium	0.042	NA
Zinc	1.0	NA

Constituent Conc. in Waste Extract-CCWE

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Antimony	NA	0.23
Arsenic	NA	5.0
Barium	NA	52
Cadmium	NA	0.066
Chromium (Total)	NA	5.2
Lead	NA	O.51
Mercury	NA	0.025
Nickel	NA	0.32
Selenium	NA	5.7
Silver	NA	0.072

[1]Treatment standards were established based upon incineration in units operated in accordance with technical requirements of 40 CFR Part 264/265 Subpart o, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may certify compliance with these standards according to 40 CFR 268.7??.

[2]Based on analysis of composite samples.

NA = Not Available
WW = Wastewater
NWW = Nonwastewater

Revised 8/7/92

CYCLE CHEM
RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

GENERATOR: U.S. EPA Region II MANIFEST NJA1871028

USEPA ID NO. NYD 083533125

Is Waste Analysis available? X No ____ Yes, Copy Attached

I. MANIFEST INFORMATION

LINE ITEM	WASTEWATER OR NONWASTEWATER	LIST ALL EPA HAZARDOUS WASTE CODES (RCRA CODES)	CCI PRODUCT CODES
A	NWW	D002	DW002
B	NWW	D002	PCI 003
C	NWW	F003, F005	RW
D	NWW	F003, F005, D002	RC

II. D001, D002, D003 (ICR WASTES)

LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW	LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW
ABCD ___	D001	IGNITABLE LIQUIDS – WASTEWATERS	(1)	NA	ABCD ___	D002	ACID SUBCATEGORY	(2)	(2)
ABCD ___	D001	IGNITABLE LIQUIDS – WASTEWATERS	(2)	NA	ABCD ___	D002	ALKALINE SUBCATEGORY	(2)	(2)
ABCD ___	D001	IGNITABLE LIQUIDS <10% TOC	NA	(2)	ABCD ___	D002	OTHER CORROSIVES	(2)	(2)
ABCD ___	D001	IGNITABLE LIQUIDS ≥ 10% TOC	NA	(3)	ABCD ___	D003	REACTIVE SULFIDES	(1)	(1)
ABCD ___	D001	IGNITABLE REACTIVE	NA	(2)	ABCD ___	D003	WATER REACTIVE	NA	(1)
ABCD ___	D001	OXIDIZERS	(2)	(2)	ABCD ___	D003	OTHER REACTIVE	(1)	(1)

☒ A&B **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND DOES NOT CONTAIN ANY UNDERLYING HAZARDOUS CONSTITUENTS AS LISTED IN RCRA WASTE CODE F039 MULTISOURCE LEACHATE,OR THE WASTE WILL BE MANAGED IN CLEAN WATER ACT SYSTEMS.**

☒ D **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND MUST MEET UNDERLYING HAZARDOUS CONSTITUENTS TREATMENT STANDARDS AS LISTED IN RCRA WASTE CODE F039 MULTI-SOURCE LEACHATE.**

III. D004 - DO11 (TCLP INORGANICS)

			WW	NWW
ABCD ___ D004-ARSENIC	ABCD ___ D005-BARIUM	ABCD ___ D006-CADMIUM	(6)	(4)
ABCD ___ D007-CHROMIUM	ABCD ___ D008-LEAD	ABCD ___ D009 MERCURY < 260 mg/kg		
ABCD ___ D010-SELENIUM	ABCD ___ D011-SILVER			

IV. ABCD___ **D006 CADMIUM CONTAINING BATTERIES** NA (7)

V. ABCD___ **D008 LEAD ACID BATTERIES** NA (8)

VI. ABCD___ **D009 TOTAL MERCURY**

☐ High Hg,≥ 260 mg/kg mercury and organics not including incinerator residues	NA	(9) or (10)
☐ High Hg,≥ 260 mg/kg inorganics including incinerator residues and RMERC residue	NA	(10)

VII. D012-D017

	WW	NWW		WW	NWW
ABCD ___ D012 ENDRIN	(11) or (13)	(6)	ABCD ___ D015 TOXAPHENE	(11) or (13)	(6)
ABCD ___ D013 LINDANE	(12) or (13)	(6)	ABCD ___ D016 2,4-D	(11),(13) or (15)	(6)
ABCD ___ D014 METHOXYCHLOR	(13) or (14)	(6)	ABCD ___ D017 2,4,5-TP (SILVEX)	(13) or (15)	(6)

VIII. RESTRICTED WASTE NOTIFICATION
(OTHER LISTED HAZARDOUS WASTE F, K, P, AND U CODES)

LINE ITEM	RCRA CODE	TECHNOLOGY CODE	TREATMENT STANDARD 40 CFR 268. 41(a)	42(a)	43(a)	WW	NWW	APPLICABLE SUBCATEGORY
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	
ABCD ___			☐	☐	☐	☐	☐	

IX. CALIFORNIA LIST WASTES

ABCD ___ NICKEL ≥ 134 mg/1

ABCD ___ THALLIUM ≥ 130 mg/1

ABCD ___ LIQUIDS WITH PCB's ≥ 50 PPM

ABCD ___ HALOGENATED ORGANIC CARBON (HOC's) ≥ 1000 mg/1

TREATMENT STANDARDS FOR F039 MULTI-SOURCE LEACHATE

CONSTITUENT CONCENTRATION IN WATER-CCW

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Acetone	0.28	100
Acenaphthalene	0.059	3.4
Acenphthene	0.59	4.0
Acetonitrile	0.17	NA
Acetophenone	0.010	9.7
2-Acetylaminoflourene	0.059	140
Acrolein	0.29	NA
Acrylonitrile	0.24	84
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	4.0
Aramite	0.36	NA
Aroclor 1016	0.013	0.92
Aroclor 1221	0.014	0.92
Aroclor 1232	0.013	0.92
Aroclor 1242	0.017	0.92
Aroclor 1248	0.013	0.92
Aroclor 1254	0.014	1.8
Aroclor 1260	0.014	1.8
alpha-BHC	0.00014	0.066
beta-BHC	0.00014	0.066
delta-BHC	0.023	0.066
gamma-BHC	0.0017	0.066
Benzene	0.14	36
Benzo(a)anthracene	0.059	8.2
Benzo(b)fluoranthene	0.055	3.4
Benzo(k)fluoranthene	0.059	3.4
Benzo(g,h,i)perylene	0.0055	1.5
Benzo(a)pyrene	0.061	8.2
Bromodichloromethane	0.35	15
Bromoform	0.63	15
Bromomethane	0.11	15
4-Bromaphenyl phenyl ether	0.055	15
n-Butyl alcohol	5.6	2.6
Butyl benzyl phthalate	0.017	7.9
2-sec-Butyl-4,6-dinitrophenol	0.066	2.5
Carbon tetrachloride	0.057	5.6
Carbon disulfide	0.014	NA
Chlordane	0.0033	0.13
p-Chloroaniline	0.46	16
Chlorobenzene	0.057	5.7
Chloroberzilate	0.10	NA
2-Chloro-1,3-butadiene	0.057	NA
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
bis(2-Chloroethoxy) methane	0.036	7.2
bis-(Choroethyl) ether	0.033	7.2
Chloroform	0.046	5.6
bis(2-Chloroisopropyl ether	0.055	7.2
p-Chloro-m-cresol	0.018	14
Chloromethane	0.19	33
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	28
Chrysene	0.059	8.2
o-Cresol	0.11	5.6
Cresol (m-and p-isomers)	0.77	3.2
Cyclohexanone		
1,2-Dibromo-3-chloro-propane	0.11	15
1,2-Dibromoethane	0.028	15
Dibromomethane	0.11	15
2-Dichlorophenoxy-acetic acid (2,4-D)	0.72	10
o,p'-DDD	0.023	0.087
p,p'-DDD	0.023	0.087
o,p'-DDE	0.031	0.087
p,p'-DDE	0.031	0.087
o,p'-DDT	0.0039	0.087
p,p'-DDT	0.0039	0.087
Dibenzo(a,h)anthracene	0.055	8.2
Dibenzo(a,e)pyrene	0.061	NA
m-Dichlorobenzene	0.36	6.2
o-Dichlorobenzene	0.088	6.2
p-Dichlorobenzene	0.090	6.2
Dichlorodifluoro-methane	0.23	7.2
1,1-Dichloroethane	0.59	7.2
1,2-Dichloroethane	0.21	7.2
1,1-Dichloroethylene	0.025	33
trans-1,2-Dichloro-ethene	0.044	14
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
c15-1,3-Dichloro-propene	0.036	18
trans-1,3-Dichloro-propene	0.036	18
Dieldrin	0.017	0.13
Diethyl phthalate	0.20	28
24-Dimethylphenol	0.036	14
Dimethyl phthalate	0.047	28
Di-n butyl phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-o-cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-n-octyl phthalate	0.017	28
Di-n-propylnitroso-amine	0.40	14
Diphenylamine	0.52	NA
1,2-Diphenyl hydrazine	0.087	NA
Diphenyl nitrosamine	0.40	NA
1,4-Dioxane	0.12	170
Disulfoton	0.017	6.2
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin aldehyde	0.025	0.13
Ethyl acetate	0.34	33
Ethyl cyanide	0.24	360.0
Ethyl benzene	0.057	6.0
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	8.2
Fluorene	0.059	4.0
Fluorotrichloromethane	0.020	33
Heptachlor	0.0012	0.066
Heptachlor epoxide	0.016	0.066
Hexachlorobenzene	0.055	37
Hexachlorobutadiene	0.055	28
Hexachlorocyclo-pentadiene	0.057	3.6
Hexachlorodibenzo furans	0.000063	0.001
Hexachlorodibenzo-p-dioxins	0.000063	0.001
Hexachloroethane	0.055	28
Haxachloropropene	0.035	28
Indeno(1,2,3.-c,d) pyrene	0.0055	8.2
Iodomethane	0.019	65
sobutanol	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	NA
Methapyrilene	0.081	1.5
Methoxychlor	0.25	0.18
3-Metbylcholanthrene	0.0055	15
4,4-Methylene-bis-(2-chlonroaniline)	0.50	35
Methylene chloride	0.089	33
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	3.1
2-Naphtylamine	0.52	NA
p-Nitroaniline	0.028	28
Nitrobenzene	0.068	14
5-Nitro-o-toluidine	0.32	28
4-Nitrophenol	0.12	79
N-Nitrosodiethamine	0.40	28
N-Nitrosodimethylamine	0.40	NA
N-Nitroso-di-n-butylamine	0.40	17
N-Nitrosomethyl-ethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitropyrrolidine	0.013	35
Parathion	0.014	4.6
Pentachlorobenzene	0.055	37
Pentachlorodibenzo-furans	0.00063	0.001
Pentachlorodibenzo-p-dioxins	0.000063	0.001
Pentachloronitro-benzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	3.1
Phenol	0.039	6.2
Phorate	0.021	4.6
Phthalic anhydride	0.069	NA
Pronamide	0.093	15
Pyrene	0.067	8.2
Pyridine	0.014	16
Safrole	0.081	22
Silvex (2,4,5-TP)	0.72	7.9
2,4,5-T	0.72	7.9
1,2,4,5-Tetrachloro-benzene	0.055	19
Tetrachlorodibenzo-furans	0.000063	0.001
Tetrachlorodibenzo-p-dioxins	0.000063	0.001
p-d;oxins	0.000063	0.001
1,1,1,2,Tetrachloro-ethane	0.057 42	
1,1,2,2,Tetrachloro-ethane	0.057 42	
Tetrachloroethlyne	0.056	5.6
2,3,4,6-Tetrachloro-phenol	0.030	37
Toluene	0.080	28
Toxaphene	0.0095	13
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloromethane	0.054	5.6
1,1,2-Trichloromethane	0.054	5.6
Trichloroethylene	0.054	5.6
2,4,5-Trichlorophenol	0.18	37
2,4,6-Trichlorophenol	0.035	37
1,2,3-Trichloropropane	0.85	28
1,1,2-Trichloro-1,2,2-trifluoroethene	0.057	28
Tris(2,3-dibromopropyl) phosphate	0.11	NA
Vinyl chloride	0.27	33
Xylene(s)	0.32	28
Cyanides (Total)	1.2	1.8
Fluoride	35	NA
Sulfide	14	NA
Antimony	1.9	NA
Arsenic	1.4	NA
Barium	1.2	NA
Beryllium	0.82	NA
Cadmium	0.20	NA
Chromium (Total)	0.37	NA
Copper	1.3	NA
Lead	0.28	NA
Mercury	0.15	NA
Nickel	0.55	NA
Selenium	0.82	NA
Silver	0.29	NA
Thallium	1.4	NA
Vanadium	0.042	NA
Zinc	1.0	NA

Constituent Conc. In Waste Extract-CCWE

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Antimony	NA	0.23
Arsenic	NA	5.0
Barium	NA	52
Cadmium	NA	0.066
Chromium (Total)	NA	5.2
Lead	NA	O.51
Mercury	NA	0.025
Nickel	NA	0.32
Selenium	NA	5.7
Silver	NA	0.072

[1]Treatment standards were established based upon incineration in units operated in accordance with technical requirements of 40 CFR Part 264/265 Subpart o, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may certify compliance with these standards according to 40 CFR 268.7??.

[2]Based on analysis of composite samples.

NA = Not Available
WW = Wastewater
NWW = Nonwastewater

Revised 8/7/92

CYCLE CHEM

RECYCLING TREATMENT & DISPOSAL OF HAZARDOUS WASTE

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

GENERATOR: U.S. EPA Region II MANIFEST NJA 1871025

USEPA ID NO. NYD083533125

Is Waste Analysis available? X No ____ Yes, Copy Attached

I. MANIFEST INFORMATION

LINE ITEM	WASTEWATER OR NONWASTEWATER	LIST ALL EPA HAZARDOUS WASTE CODES (RCRA CODES)	CCI PRODUCT CODES
A	NWW	D001, U160, D003	
B	WW	D001, D002	
C	NWW	D001, F003, F004, F005	
D	NWW	D001	

II. D001, D002, D003 (ICR WASTES)

LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW	LINE ITEM	CODE	WASTE DESCRIPTION AND/OR TREATMENT TECHNOLOGY	TECHNOLOGY REFERENCE CODES WW	NWW
ABCD	D001	IGNITABLE LIQUIDS – WASTEWATERS	(1)	NA	ABCD	D002	ACID SUBCATEGORY	(2)	(2)
ABCD	D001	IGNITABLE LIQUIDS – WASTEWATERS	(2)	NA	ABCD	D002	ALKALINE SUBCATEGORY	(2)	(2)
ABCD	D001	IGNITABLE LIQUIDS <10% TOC	NA	(2)	ABCD	D002	OTHER CORROSIVES	(2)	(2)
ABCD	D001	IGNITABLE LIQUIDS ≥ 10% TOC	NA	(3)	ABCD	D003	REACTIVE SULFIDES	(1)	(1)
ABCD	D001	IGNITABLE REACTIVE	NA	(2)	ABCD	D003	WATER REACTIVE	NA	(1)
ABCD	D001	OXIDIZERS	(2)	(2)	ABCD	D003	OTHER REACTIVE	(1)	(1)

☒ A, B, D **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND DOES NOT CONTAIN ANY UNDERLYING HAZARDOUS CONSTITUENTS AS LISTED IN RCRA WASTE CODE F039 MULTISOURCE LEACHATE,OR THE WASTE WILL BE MANAGED IN CLEAN WATER ACT SYSTEMS.**

☒ C **CHECK HERE IF WASTE IS D001, OR D002 WHICH BDAT IS (2) DEACT AND MUST MEET UNDERLYING HAZARDOUS CONSTITUENTS TREATMENT STANDARDS AS LISTED IN RCRA WASTE CODE F039 MULTI-SOURCE LEACHATE.**

III. D004 - DO11 (TCLP INORGANICS) WW (6) NWW (4)

ABCD ___ D004-ARSENIC ABCD ___ D005-BARIUM ABCD ___ D006-CADMIUM
ABCD ___ D007-CHROMIUM ABCD ___ D008-LEAD ABCD ___ D009 MERCURY < 260 mg/kg
ABCD ___ D010-SELENIUM ABCD ___ D011-SILVER

IV. ABCD___ **D006 CADMIUM CONTAINING BATTERIES** NA (7)

V. ABCD___ **D008 LEAD ACID BATTERIES** NA (8)

VI. ABCD___ **D009 TOTAL MERCURY**

☐ High Hg,≥ 260 mg/kg mercury and organics not including incinerator residues NA (9) or (10)
☐ High Hg,≥ 260 mg/kg inorganics including incinerator residues and RMERC residue NA (10)

VII. D012-D017

	WW	NWW		WW	NWW
ABCD ___ D012 ENDRIN	(11) or (13)	(6)	ABCD ___ D015 TOXAPHENE	(11) or (13)	(6)
ABCD ___ D013 LINDANE	(12) or (13)	(6)	ABCD ___ D016 2,4-D	(11),(13) or (15)	(6)
ABCD ___ D014 METHOXYCHLOR	(13) or (14)	(6)	ABCD ___ D017 2,4,5-TP (SILVEX)	(13) or (15)	(6)

VIII. RESTRICTED WASTE NOTIFICATION
(OTHER LISTED HAZARDOUS WASTE F, K, P, AND U CODES)

LINE ITEM	RCRA CODE	TECHNOLOGY CODE	TREATMENT STANDARD 40 CFR 268. 41(a)	42(a)	43(a)	WW	NWW	APPLICABLE SUBCATEGORY
ABCD	D001	Ignitable compressed gases	☐	☒	☐	☐	☒	deact/frubs
ABCD	U160	~~[illegible]~~	☐	☐	☐	☐	☐	
ABCD			☐	☐	☐	☐	☐	
ABCD			☐	☐	☐	☐	☐	
ABCD			☐	☐	☐	☐	☐	
ABCD			☐	☐	☐	☐	☐	
ABCD			☐	☐	☐	☐	☐	
ABCD			☐	☐	☐	☐	☐	
ABCD			☐	☐	☐	☐	☐	
ABCD			☐	☐	☐	☐	☐	

IX. CALIFORNIA LIST WASTES

ABCD ___ NICKEL ≥ 134 mg/1 ABCD ___ LIQUIDS WITH PCB's ≥ 50 PPM
ABCD ___ THALLIUM ≥ 130 mg/1 ABCD ___ HALOGENATED ORGANIC CARBON (HOC's) ≥ 1000 mg/1

Donna L. Green EPA-ISC HPK 1/2 Weekly is returned

TREATMENT STANDARDS FOR F039 MULTI-SOURCE LEACHATE

CONSTITUENT CONCENTRATION IN WATER-CCW

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Acetone	0.28	100
Acenaphthalene	0.059	3.4
Acenphthene	0.59	4.0
Acetonitrile	0.17	NA
Acetophenone	0.010	9.7
2-Acetylaminoflourene	0.059	140
Acrolein	0.29	NA
Acrylonitrile	0.24	84
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	4.0
Aramite	0.36	NA
Aroclor 1016	0.013	0.92
Aroclor 1221	0.014	0.92
Aroclor 1232	0.013	0.92
Aroclor 1242	0.017	0.92
Aroclor 1248	0.013	0.92
Aroclor 1254	0.014	1.8
Aroclor 1260	0.014	1.8
alpha-BHC	0.00014	0.066
beta-BHC	0.00014	0.066
delta-BHC	0.023	0.066
gamma-BHC	0.0017	0.066
Benzene	0.14	36
Benzo(a)anthracene	0.059	8.2
Benzo(b)fluoranthene	0.055	3.4
Benzo(k)fluoranthene	0.059	3.4
Benzo(g,h,i)perylene	0.0055	1.5
Benzo(a)pyrene	0.061	8.2
Bromodichloromethane	0.35	15
Bromoform	0.63	15
Bromomethane	0.11	15
4-Bromaphenyl phenyl ether	0.055	15
n-Butyl alcohol	5.6	2.6
Butyl benzyl phthalate	0.017	7.9
2-sec-Butyl-4,6-dinitrophenol	0.066	2.5
Carbon tetrachloride	0.057	5.6
Carbon disulfide	0.014	NA
Chlordane	0.0033	0.13
p-Chloroaniline	0.46	16
Chlorobenzene	0.057	5.7
Chloroberzilate	0.10	NA
2-Chloro-1,3-butadiene	0.057	NA
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
bis(2-Chloroethoxy) methane	0.036	7.2
bis-(Choroethyl) ether	0.033	7.2
Chloroform	0.046	5.6
bis(2-Chloroisopropyl ether	0.055	7.2
p-Chloro-m-cresol	0.018	14
Chloromethane	0.19	33
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	28
Chrysene	0.059	8.2
o-Cresol	0.11	5.6
Cresol (m-and p-isomers)	0.77	3.2
Cyclohexanone		
1.2-Dibromo-3-chloro-propane	0.11	15
1.2-Dibromoethane	0.028	15
Dibromomethane	0.11	15
2-Dichlorophenoxy-acetic acid (2,4-D)	0.72	10
o.p'-DDD	0.023	0.087
p.p'-DDD	0.023	0.087
o.p'-DDE	0.031	0.087
p.p'-DDE	0.031	0.087
o.p'-DDT	0.0039	0.087
p.p'-DDT	0.0039	0.087
Dibenzo(a,h)anthracene	0.055	8.2
Dibenzo(a,e)pyrene	0.061	NA
m-Dichlorobenzene	0.36	6.2
o-Dichlorobenzene	0.088	6.2
p-Dichlorobenzene	0.090	6.2
Dichlorodifluoro-methane	0.23	7.2
1,1-Dichloroethane	0.59	7.2
1,2-Dichloroethane	0.21	7.2
1,1-Dichloroethylene	0.025	33
trans-1,2-Dichloro-ethene	0.044	14
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
c15-1,3-Dichloro-propene	0.036	18
trans-1,3-Dichloro-propene	0.036	18
Dieldrin	0.017	0.13
Diethyl phthalate	0.20	28
24-Dimethylphenol	0.036	14
Dimethyl phthalate	0.047	28
Di-n butyl phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-o-cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-n-octyl phthalate	0.017	28
Di-n-propylnitroso-amine	0.40	14
Diphenylamine	0.52	NA
1,2-Diphenyl hydrazine	0.087	NA
Diphenyl nitrosamine	0.40	NA
1,4-Dioxane	0.12	170
Disulfoton	0.017	6.2
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin aldehyde	0.025	0.13
Ethyl acetate	0.34	33
Ethyl cyanide	0.24	360.0
Ethyl benzene	0.057	6.0
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	8.2
Fluorene	0.059	4.0
Fluorotrichloromethane	0.020	33
Heptachlor	0.0012	0.066
Heptachlor epoxide	0.016	0.066
Hexachlorobenzene	0.055	37
Hexachlorobutadiene	0.055	28
Hexachlorocyclo-pentadiene	0.057	3.6
Hexachlorodibenzo furans	0.000063	0.001
Hexachlorodibenzo-p-dioxins	0.000063	0.001
Hexachloroethane	0.055	28
Haxachloropropene	0.035	28
Indeno(1,2,3.-c,d) pyrene	0.0055	8.2
Iodomethane	0.019	65
sobutanol	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	NA
Methapyrilene	0.081	1.5
Methoxychlor	0.25	0.18
3-Metbylcholanthrene	0.0055	15
4,4-Methylene-bis-(2-chlonroaniline)	0.50	35
Methylene chloride	0.089	33
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	3.1
2-Naphtylamine	0.52	NA
p-Nitroaniline	0.028	28
Nitrobenzene	0.068	14
5-Nitro-o-toluidine	0.32	28
4-Nitrophenol	0.12	79
N-Nitrosodiethamine	0.40	28
N-Nitrosodimethylamine	0.40	NA
N-Nitroso-di-n-butylamine	0.40	17
N-Nitrosomethyl-ethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitropyrrolidine	0.013	35
Parathion	0.014	4.6
Pentachlorobenzene	0.055	37
Pentachlorodibenzo-furans	0.00063	0.001
Pentachlorodibenzo-p-dioxins	0.000063	0.001
Pentachloronitro-benzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	3.1
Phenol	0.039	6.2
Phorate	0.021	4.6
Phthalic anhydride	0.069	NA
Pronamide	0.093	15
Pyrene	0.067	8.2
Pyridine	0.014	16
Safrole	0.081	22
Silvex (2,4,5-TP)	0.72	7.9
2,4,5-T	0.72	7.9
1,2,4,5-Tetrachloro-benzene	0.055	19
Tetrachlorodibenzo-furans	0.000063	0.001
Tetrachlorodibenzo-p-dioxins	0.000063	0.001
p-d;oxins	0.000063	0.001
1,1,1,2,Tetrachloro-ethane	0.057 42	
1,1,2,2,Tetrachloro-ethane	0.057 42	
Tetrachloroethlyne	0.056	5.6
2,3,4,6-Tetrachloro-phenol	0.030	37
Toluene	0.080	28
Toxaphene	0.0095	13
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloromethane	0.054	5.6
1,1,2-Trichloromethane	0.054	5.6
Trichloroethylene	0.054	5.6
2,4,5-Trichlorophenol	0.18	37
2,4,6-Trichlorophenol	0.035	37
1,2,3-Trichloropropane	0.85	28
1,1,2-Trichloro-1,2,2-trifluoroethene	0.057	28
Tris(2,3-dibromopropyl) phosphate	0.11	NA
Vinyl chloride	0.27	33
Xylene(s)	0.32	28
Cyanides (Total)	1.2	1.8
Fluoride	35	NA
Sulfide	14	NA
Antimony	1.9	NA
Arsenic	1.4	NA
Barium	1.2	NA
Beryllium	0.82	NA
Cadmium	0.20	NA
Chromium (Total)	0.37	NA
Copper	1.3	NA
Lead	0.28	NA
Mercury	0.15	NA
Nickel	0.55	NA
Selenium	0.82	NA
Silver	0.29	NA
Thallium	1.4	NA
Vanadium	0.042	NA
Zinc	1.0	NA

Constituent Conc. in Waste Extract-CCWE

Constituent	WW (mg/1)[2]	NWW (mg/kg)[1]
Antimony	NA	0.23
Arsenic	NA	5.0
Barium	NA	52
Cadmium	NA	0.066
Chromium (Total)	NA	5.2
Lead	NA	O.51
Mercury	NA	0.025
Nickel	NA	0.32
Selenium	NA	5.7
Silver	NA	0.072

[1]Treatment standards were established based upon incineration in units operated in accordance with technical requirements of 40 CFR Part 264/265 Subpart o, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may certify compliance with these standards according to 40 CFR 268.7??.

[2]Based on analysis of composite samples.

NA = Not Available
WW = Wastewater
NWW = Nonwastewater

Revised 8/7/92

Land Disposal Notification and Certification Form

With several newly promulgated regulations now in effect Cycle Chem, Inc has revised its Land Disposal Notification and Certification Form. In addition to incorporating these new requirements and treatment standards into the revised form, Cycle Chem has also incorporated many suggestions from our customer service staff and our in-house regulatory specialists in preparing a new format that we hope you will find easier to use. If you have any questions please contact our staff at (908) 355-5800 and we will be glad to assist you.

This form can be used for four manifest items or an additional continuation form. The instructions are as follows:

Section I List the Line Items and USEPA Hazardous Waste Codes as noted on the accompanying Hazardous Waste Manifest. Note whether the waste is considered wastewater or nonwastewater. Also note your CCI generator product code.

Sections II - VII Simply circle the appropriate Line Item for each applicable EPA Waste Code and Subcategory.
If your waste is D001 or D002 and the Technology Code references (2)/ Deact and meet F039 you must identify the underlying hazardous constituent(s) as listed in the RCRA waste code F039 Multicode Leachate. You must attach the complete F039 Multi-Source Leachate listing and circle the applicable constituents and treatment standards.

Section VIII If there are other waste codes that apply but are not pre-printed you must note the Line Item, RCRA Code, Technology Code, Treatment Standard, Subcatagory and whether it is a wastewater or nonwastewater.

Section IX If the waste is subject to any California List Restrictions you must circle the line item next to the corresponding restriction.

Section X Circle the appropriate Line Item for each applicable F001-F005 EPA Waste Code and [x] next to the applicable constituent(s).

Section XI For Lab Packs with USEPA Hazardous Waste Codes specified in Appendix IV or Appendix V to Part 268 and which will be incinerated in accordance with Part 264 Subpart 0 or Part 265 Subpart 0 you may choose one of the alternate treatment certifications.
If your waste contains USEPA Code(s) not listed in Appendix IV or Appendix V, or the waste is not being sent for incineration you must note each corresponding treatment standards based on every applicable USEPA Code(s).

Section XII If your waste is not subject to any land disposal restrictions (i.e. D018 - D043, X700's, X900 or X910) circle the appropriate line item(s) and list all waste codes.

Section XIII REFERENCE CODES

Section XIV Certification
A signature is required if your waste is listed in any categories listed on the front and/or back of this LDR.

X. F001 - F005 SPENT SOLVENT WASTES RESTRICTIONS NUMERICAL TREATMENT STANDARDS

LINE ITEM	RCRA CODE(S)	CONSTITUENT(S)	WW mg/1	NWW mg/kg
ABCD —	F001	☐ carbon tetrachloride	.057	5.6
		☐ o-cresol	.11	5.6
		☐ nitrobenzene	.068	14
ABCD —	F002	☐ chlorobenzene	.057	5.7
		☐ 1,2-dichlorobenzene	.088	6.2
		☐ methylene chloride	.089	33
		☐ methylene chloride (pharmaceutical)	.44	NA
		☐ tetrachloroethylene	.056	5.6
		☐ 1,1,1-trichloroethane	.054	5.6
		☐ 1,1,2-trichloroethane	.030	7.6
		☐ trichloroethylene	.054	5.6
		☐ 1,1,2-trichloro-1,2,2-trifluoroethane	.057	28
		☐ trichlorofluoromethane	.02	33
ABCD —	F003	☒ acetone	.28	160
		☒ n-butyl alcohol	5.6	2.6
		☒ cyclohexanone	0.36	.75*
		☐ ethyl acetate	0.34	33
		☒ ethyl benzene	.057	6.0
		☐ ethyl ether	0.12	160
		☐ methanol	5.6	.75*
		☒ methyl isobutyl ketone	.14	33
		☒ xylene (total)	.32	28

LINE ITEM	RCRA CODE(S)	CONSTITUENT(S)	WW mg/1	NWW mg/kg
ABCD —	F004	☐ m,p-cresol	.77	3.2
		☐ o-cresol	.11	5.6
		☒ nitrobenzene	.068	14
ABCD —	F005	☒ benzene	.070	3.7
		☐ carbon disulfide	.014	4.8*
		☐ isobutanol	5.6	170
		☒ methyl ethyl ketone	.28	.36
		☐ pyridine	.014	16
		☒ toluene	.08	28
ABCD —	F005	**BDAT TREATMENT STANDARDS**		
		☐ 2-ethoxy ethanol	ref(11) or (13)	ref(13)
		☐ 2-nitropropane	ref(12);(13); (14) or (15)	ref(13)

XI. LAB PACK CERTIFICATION (APPENDIX IV 6 V)

A. APPENDIX IV - ORGANOMETALLICS LAB PACKS

"For line items A, B, C, D, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the wastes specified in Appendix IV (one of those excluded is D009) to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

B. APPENDIX V - ORGANIC LAB PACKS

"For line items _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the organic wastes specified in Appendix V to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

XII. NON HAZARDOUS / NON RESTRICTED WASTE CERTIFICATION

The following manifest line items are not subject to any land disposal restrictions as specified in 40 CFR Subpart D and all app;icable prohibitions set forth in 268.32 or RCRA: ABCD — WASTE CODE(S) _____ ABCD — WASTE CODE(S) _____
ABCD — WASTE CODE(S) _____ ABCD — WASTE CODE(S) _____

XIII. REFERENCE CODES

REFERENCE CODE 1	SEE 40 CFR 268.42(a)–DEACT	REFERENCE CODE 9	SEE 40 CFR 268.42(a)–IMERC
REFERENCE CODE 2	SEE 40 CFR 268.42(a)–DEACT and meet F039	REFERENCE CODE 10	SEE 40 CFR 268.42(a)–RMERC
REFERENCE CODE 3	SEE 40 CFR 268.42(a)–FSUBS;RORGS;orINCIN	REFERENCE CODE 11	SEE 40 CFR 268.42(a)–BIODG
REFERENCE CODE 4	SEE 40 CFR 268.41 TABLE CCWE	REFERENCE CODE 12	SEE 40 CFR 268.42(a)–CARBN
REFERENCE CODE 5	SEE 40 CFR 268.42 TABLE 2 - BDAT	REFERENCE CODE 13	SEE 40 CFR 268.42(a)–INCIN
REFERENCE CODE 6	SEE 40 CFR 268.43 TABLE CCW	REFERENCE CODE 14	SEE 40 CFR 268.42(a)–WETOX
REFERENCE CODE 7	SEE 40 CFR 268.42(a)–RTHRM	REFERENCE CODE 15	SEE 40 CFR 268.42(a)–CHOXD
REFERENCE CODE 8	SEE 40 CFR 268.42(a)–RLEAD		

*These treatment standards are based on TCLP, not total constituent concentrations. The treatment standards for these constituents apply to F001-F005 wastes which contain only one, two or all three of these constituents. If the waste contains any of the other 26 constituents found in F001-F005, only the total analysis need be performed.

XIV. CERTIFICATION

"I notify that I **personally** examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste described on this page **and/or the reverse of this page** does not comply with the treatment standards specified in 40 CFR 268, Subpart D or RCRA Section 3004(d), and all applicable prohibitions set forth in appropriate regulatory treatment standards prior to land disposal."

Signature: Bonita L. Green Date: 5/12/94 Print Name: Bonita L. Green Title: EPA-OSC

Land Disposal Notification and Certification Form

With several newly promulgated regulations now in effect Cycle Chem, Inc has revised its Land Disposal Notification and Certification Form. In addition to incorporating these new requirements and treatment standards into the revised form, Cycle Chem has also incorporated many suggestions from our customer service staff and our in-house regulatory specialists in preparing a new format that we hope you will find easier to use. If you have any questions please contact our staff at (908) 355-5800 and we will be glad to assist you.

This form can be used for four manifest items or an additional continuation form. The instructions are as follows:

Section I

List the Line Items and USEPA Hazardous Waste Codes as noted on the accompanying Hazardous Waste Manifest. Note whether the waste is considered wastewater or nonwastewater. Also note your CCI generator product code.

Sections II - VII

Simply circle the appropriate Line Item for each applicable EPA Waste Code and Subcategory.
If your waste is D001 or D002 and the Technology Code references (2)/ Deact and meet F039 you must identify the underlying hazardous constituent(s) as listed in the RCRA waste code F039 Multicode Leachate. You must attach the complete F039 Multi-Source Leachate listing and circle the applicable constituents and treatment standards.

Section VIII

If there are other waste codes that apply but are not pre-printed you must note the Line Item, RCRA Code, Technology Code, Treatment Standard, Subcatagory and whether it is a wastewater or nonwastewater.

Section IX

If the waste is subject to any California List Restrictions you must circle the line item next to the corresponding restriction.

Section X

Circle the appropriate Line Item for each applicable F001-F005 EPA Waste Code and [x] next to the applicable constituent(s).

Section XI

For Lab Packs with USEPA Hazardous Waste Codes specified in Appendix IV or Appendix V to Part 268 and which will be incinerated in accordance with Part 264 Subpart 0 or Part 265 Subpart 0 you may choose one of the alternate treatment certifications.
If your waste contains USEPA Code(s) not listed in Appendix IV or Appendix V, or the waste is not being sent for incineration you must note each corresponding treatment standards based on every applicable USEPA Code(s).

Section XII

If your waste is not subject to any land disposal restrictions (i.e. D018 - D043, X700's, X900 or X910) circle the appropriate line item(s) and list all waste codes.

Section XIII

REFERENCE CODES

Section XIV Certification

A signature is required if your waste is listed in any categories listed on the front and/or back of this LDR.

X. F001 - F005 SPENT SOLVENT WASTES RESTRICTIONS NUMERICAL TREATMENT STANDARDS

LINE ITEM	RCRA CODE(S)	CONSTITUENT(S)	WW mg/1	NWW mg/kg
ABCD —	F001	☐ carbon tetrachloride	.057	5.6
		☐ o-cresol	.11	5.6
		☐ nitrobenzene	.068	14
ABCD —	F002	☐ chlorobenzene	.057	5.7
		☐ 1,2-dichlorobenzene	.088	6.2
		☐ methylene chloride	.089	33
		☐ methylene chloride (pharmaceutical)	.44	NA
		☐ tetrachloroethylene	.056	5.6
		☐ 1,1,1-trichloroethane	.054	5.6
		☐ 1,1,2-trichloroethane	.030	7.6
		☐ trichloroethylene	.054	5.6
		☐ 1,1,2-trichloro-1,2,2-trifluoroethane	.057	28
		☐ trichlorofluoromethane	.02	33
ABCD —	F003	☒ acetone	.28	160
		☒ n-butyl alcohol	5.6	2.6
		☒ cyclohexanone	0.36	.75*
		☐ ethyl acetate	0.34	33
		☒ ethyl benzene	.057	6.0
		☐ ethyl ether	0.12	160
		☐ methanol	5.6	.75*
		☒ methyl isobutyl ketone	.14	33
		☒ xylene (total)	.32	28
ABCD —	F004	☐ m,p-cresol	.77	3.2
		☐ o-cresol	.11	5.6
		☐ nitrobenzene	.068	14
ABCD —	F005	☐ benzene	.070	3.7
		☐ carbon disulfide	.014	4.8*
		☐ isobutanol	5.6	170
		☒ methyl ethyl ketone	.28	.36
		☐ pyridine	.014	16
		☒ toluene	.08	28
ABCD —	F005	**BDAT TREATMENT STANDARDS**		
		☐ 2-ethoxy ethanol	ref(11) or (13)	ref(13)
		☐ 2-nitropropane	ref(12);(13); (14) or (15)	ref(13)

XI. LAB PACK CERTIFICATION (APPENDIX IV 6 V)

A. APPENDIX IV - ORGANOMETALLICS LAB PACKS

"For line items _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the wastes specified in Appendix IV (one of those excluded is D009) to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

B. APPENDIX V - ORGANIC LAB PACKS

"For line items _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the organic wastes specified in Appendix V to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

XII. NON HAZARDOUS / NON RESTRICTED WASTE CERTIFICATION

The following manifest line items are not subject to any land disposal restrictions as specified in 40 CFR Subpart D and all app;icable prohibitions set forth in 268.32 or RCRA: ABCD — WASTE CODE(S) _____ ABCD — WASTE CODE(S) _____
ABCD — WASTE CODE(S) _____ ABCD — WASTE CODE(S) _____

XIII. REFERENCE CODES

REFERENCE CODE 1	SEE 40 CFR 268.42(a)–DEACT
REFERENCE CODE 2	SEE 40 CFR 268.42(a)–DEACT and meet F039
REFERENCE CODE 3	SEE 40 CFR 268.42(a)–FSUBS;RORGS;orINCIN
REFERENCE CODE 4	SEE 40 CFR 268.41 TABLE CCWE
REFERENCE CODE 5	SEE 40 CFR 268.42 TABLE 2 - BDAT
REFERENCE CODE 6	SEE 40 CFR 268.43 TABLE CCW
REFERENCE CODE 7	SEE 40 CFR 268.42(a)–RTHRM
REFERENCE CODE 8	SEE 40 CFR 268.42(a)–RLEAD
REFERENCE CODE 9	SEE 40 CFR 268.42(a)–IMERC
REFERENCE CODE 10	SEE 40 CFR 268.42(a)–RMERC
REFERENCE CODE 11	SEE 40 CFR 268.42(a)–BIODG
REFERENCE CODE 12	SEE 40 CFR 268.42(a)–CARBN
REFERENCE CODE 13	SEE 40 CFR 268.42(a)–INCIN
REFERENCE CODE 14	SEE 40 CFR 268.42(a)–WETOX
REFERENCE CODE 15	SEE 40 CFR 268.42(a)–CHOXD

*These treatment standards are based on TCLP, not total constituent concentrations. The treatment standards for these constituents apply to F001-F005 wastes which contain only one, two or all three of these constituents. If the waste contains any of the other 26 constituents found in F001-F005, only the total analysis need be performed.

XIV. CERTIFICATION

"I notify that I **personally** examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste described on this page **and/or the reverse of this page** does not comply with the treatment standards specified in 40 CFR 268, Subpart D or RCRA Section 3004(d), and all applicable prohibitions set forth in appropriate regulatory treatment standards prior to land disposal."

Signature: Bonita L. Green Date: 5/12/94 Print Name: Bonita L. Green Title: EPA-OSC

Land Disposal Notification and Certification Form

With several newly promulgated regulations now in effect Cycle Chem, Inc has revised its Land Disposal Notification and Certification Form. In addition to incorporating these new requirements and treatment standards into the revised form, Cycle Chem has also incorporated many suggestions from our customer service staff and our in-house regulatory specialists in preparing a new format that we hope you will find easier to use. If you have any questions please contact our staff at (908) 355-5800 and we will be glad to assist you.

This form can be used for four manifest items or an additional continuation form. The instructions are as follows:

Section I

List the Line Items and USEPA Hazardous Waste Codes as noted on the accompanying Hazardous Waste Manifest. Note whether the waste is considered wastewater or nonwastewater. Also note your CCI generator product code.

Sections II - VII

Simply circle the appropriate Line Item for each applicable EPA Waste Code and Subcategory.

If your waste is D001 or D002 and the Technology Code references (2)/ Deact and meet F039 you must identify the underlying hazardous constituent(s) as listed in the RCRA waste code F039 Multicode Leachate. You must attach the complete F039 Multi-Source Leachate listing and circle the applicable constituents and treatment standards.

Section VIII

If there are other waste codes that apply but are not pre-printed you must note the Line Item, RCRA Code, Technology Code, Treatment Standard, Subcatagory and whether it is a wastewater or nonwastewater.

Section IX

If the waste is subject to any California List Restrictions you must circle the line item next to the corresponding restriction.

Section X

Circle the appropriate Line Item for each applicable F001-F005 EPA Waste Code and [x] next to the applicable constituent(s).

Section XI

For Lab Packs with USEPA Hazardous Waste Codes specified in Appendix IV or Appendix V to Part 268 and which will be incinerated in accordance with Part 264 Subpart 0 or Part 265 Subpart 0 you may choose one of the alternate treatment certifications.

If your waste contains USEPA Code(s) not listed in Appendix IV or Appendix V, or the waste is not being sent for incineration you must note each corresponding treatment standards based on every applicable USEPA Code(s).

Section XII

If your waste is not subject to any land disposal restrictions (i.e. D018 - D043, X700's, X900 or X910) circle the appropriate line item(s) and list all waste codes.

Section XIII

REFERENCE CODES

Section XIV Certification

A signature is required if your waste is listed in any categories listed on the front and/or back of this LDR.

X. F001 - F005 SPENT SOLVENT WASTES RESTRICTIONS NUMERICAL TREATMENT STANDARDS

LINE ITEM	RCRA CODE(S)	CONSTITUENT(S)	WW mg/1	NWW mg/kg
ABCD __	F001	☐ carbon tetrachloride	.057	5.6
		☐ o-cresol	.11	5.6
		☐ nitrobenzene	.068	14
ABCD __	F002	☐ chlorobenzene	.057	5.7
		☐ 1,2-dichlorobenzene	.088	6.2
		☐ methylene chloride	.089	33
		☐ methylene chloride (pharmaceutical)	.44	NA
		☐ tetrachloroethylene	.056	5.6
		☐ 1,1,1-trichloroethane	.054	5.6
		☐ 1,1,2-trichloroethane	.030	7.6
		☐ trichloroethylene	.054	5.6
		☐ 1,1,2-trichloro-1,2,2-trifluoroethane	.057	28
		☐ trichlorofluoromethane	.02	33
ABCD __	F003	☐ acetone	.28	160
		☐ n-butyl alcohol	5.6	2.6
		☐ cyclohexanone	0.36	.75*
		☐ ethyl acetate	0.34	33
		☐ ethyl benzene	.057	6.0
		☐ ethyl ether	0.12	160
		☐ methanol	5.6	.75*
		☐ methyl isobutyl ketone	.14	33
		☐ xylene (total)	.32	28

LINE ITEM	RCRA CODE(S)	CONSTITUENT(S)	WW mg/1	NWW mg/kg
ABCD __	F004	☐ m,p-cresol	.77	3.2
		☐ o-cresol	.11	5.6
		☐ nitrobenzene	.068	14
ABCD __	F005	☐ benzene	.070	3.7
		☐ carbon disulfide	.014	4.8*
		☐ isobutanol	5.6	170
		☐ methyl ethyl ketone	.28	.36
		☐ pyridine	.014	16
		☐ toluene	.08	28
ABCD __	F005	**BDAT TREATMENT STANDARDS**		
		☐ 2-ethoxy ethanol	ref(11) or (13)	ref(13)
		☐ 2-nitropropane	ref(12);(13); (14) or (15)	ref(13)

XI. LAB PACK CERTIFICATION (APPENDIX IV 6 V)

A. APPENDIX IV - ORGANOMETALLICS LAB PACKS

"For line items _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the wastes specified in Appendix IV (one of those excluded is D009) to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

B. APPENDIX V - ORGANIC LAB PACKS

"For line items _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the organic wastes specified in Appendix V to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

XII. NON HAZARDOUS / NON RESTRICTED WASTE CERTIFICATION

The following manifest line items are not subject to any land disposal restrictions as specified in 40 CFR Subpart D and all app;icable prohibitions set forth in 268.32 or RCRA: ABCD __ WASTE CODE(S) x 9/0 ABCD __ WASTE CODE(S) _____

ABCD __ WASTE CODE(S) _____ ABCD __ WASTE CODE(S) _____

XIII. REFERENCE CODES

REFERENCE CODE 1	SEE 40 CFR 268.42(a)–DEACT
REFERENCE CODE 2	SEE 40 CFR 268.42(a)–DEACT and meet F039
REFERENCE CODE 3	SEE 40 CFR 268.42(a)–FSUBS;RORGS;orINCIN
REFERENCE CODE 4	SEE 40 CFR 268.41 TABLE CCWE
REFERENCE CODE 5	SEE 40 CFR 268.42 TABLE 2 - BDAT
REFERENCE CODE 6	SEE 40 CFR 268.43 TABLE CCW
REFERENCE CODE 7	SEE 40 CFR 268.42(a)–RTHRM
REFERENCE CODE 8	SEE 40 CFR 268.42(a)–RLEAD
REFERENCE CODE 9	SEE 40 CFR 268.42(a)–IMERC
REFERENCE CODE 10	SEE 40 CFR 268.42(a)–RMERC
REFERENCE CODE 11	SEE 40 CFR 268.42(a)–BIODG
REFERENCE CODE 12	SEE 40 CFR 268.42(a)–CARBN
REFERENCE CODE 13	SEE 40 CFR 268.42(a)–INCIN
REFERENCE CODE 14	SEE 40 CFR 268.42(a)–WETOX
REFERENCE CODE 15	SEE 40 CFR 268.42(a)–CHOXD

*These treatment standards are based on TCLP, not total constituent concentrations. The treatment standards for these constituents apply to F001-F005 wastes which contain only one, two or all three of these constituents. If the waste contains any of the other 26 constituents found in F001-F005, only the total analysis need be performed.

XIV. CERTIFICATION

"I notify that I **personally** examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste described on this page **and/or the reverse of this page** does not comply with the treatment standards specified in 40 CFR 268, Subpart D or RCRA Section 3004(d), and all applicable prohibitions set forth in appropriate regulatory treatment standards prior to land disposal."

Signature: Bonita L. Green Date: 5/12/94 Print Name: Bonita L. Green Title: EPA-OSC

Land Disposal Notification and Certification Form

With several newly promulgated regulations now in effect Cycle Chem, Inc has revised its Land Disposal Notification and Certification Form. In addition to incorporating these new requirements and treatment standards into the revised form, Cycle Chem has also incorporated many suggestions from our customer service staff and our in-house regulatory specialists in preparing a new format that we hope you will find easier to use. If you have any questions please contact our staff at (908) 355-5800 and we will be glad to assist you.

This form can be used for four manifest items or an additional continuation form. The instructions are as follows:

Section I List the Line Items and USEPA Hazardous Waste Codes as noted on the accompanying Hazardous Waste Manifest. Note whether the waste is considered wastewater or nonwastewater. Also note your CCI generator product code.

Sections II - VII Simply circle the appropriate Line Item for each applicable EPA Waste Code and Subcategory.
If your waste is D001 or D002 and the Technology Code references (2)/ Deact and meet F039 you must identify the underlying hazardous constituent(s) as listed in the RCRA waste code F039 Multicode Leachate. You must attach the complete F039 Multi-Source Leachate listing and circle the applicable constituents and treatment standards.

Section VIII If there are other waste codes that apply but are not pre-printed you must note the Line Item, RCRA Code, Technology Code, Treatment Standard, Subcatagory and whether it is a wastewater or nonwastewater.

Section IX If the waste is subject to any California List Restrictions you must circle the line item next to the corresponding restriction.

Section X Circle the appropriate Line Item for each applicable F001-F005 EPA Waste Code and [x] next to the applicable constituent(s).

Section XI For Lab Packs with USEPA Hazardous Waste Codes specified in Appendix IV or Appendix V to Part 268 and which will be incinerated in accordance with Part 264 Subpart 0 or Part 265 Subpart 0 you may choose one of the alternate treatment certifications.
If your waste contains USEPA Code(s) not listed in Appendix IV or Appendix V, or the waste is not being sent for incineration you must note each corresponding treatment standards based on every applicable USEPA Code(s).

Section XII If your waste is not subject to any land disposal restrictions (i.e. D018 - D043, X700's, X900 or X910) circle the appropriate line item(s) and list all waste codes.

Section XIII REFERENCE CODES

Section XIV Certification
A signature is required if your waste is listed in any categories listed on the front and/or back of this LDR.

X. F001 - F005 SPENT SOLVENT WASTES RESTRICTIONS NUMERICAL TREATMENT STANDARDS

LINE ITEM	RCRA CODE(S)	CONSTITUENT(S)	WW mg/1	NWW mg/kg
ABCD	F001	☐ carbon tetrachloride	.057	5.6
		☐ o-cresol	.11	5.6
		☐ nitrobenzene	.068	14
ABCD	F002	☐ chlorobenzene	.057	5.7
		☐ 1,2-dichlorobenzene	.088	6.2
		☐ methylene chloride	.089	33
		☐ methylene chloride (pharmaceutical)	.44	NA
		☐ tetrachloroethylene	.056	5.6
		☐ 1,1,1-trichloroethane	.054	5.6
		☐ 1,1,2-trichloroethane	.030	7.6
		☐ trichloroethylene	.054	5.6
		☐ 1,1,2-trichloro-1,2,2-trifluoroethane	.057	28
		☐ trichlorofluoromethane	.02	33
ABCD	F003	☐ acetone	.28	160
		☐ n-butyl alcohol	5.6	2.6
		☐ cyclohexanone	0.36	.75*
		☐ ethyl acetate	0.34	33
		☒ ethyl benzene	.057	6.0
		☐ ethyl ether	0.12	160
		☐ methanol	5.6	.75*
		☒ methyl isobutyl ketone	.14	33
		☒ xylene (total)	.32	28
ABCD	F004	☐ m,p-cresol	.77	3.2
		☐ o-cresol	.11	5.6
		☒ nitrobenzene	.068	14
ABCD	F005	☒ benzene	.070	3.7
		☐ carbon disulfide	.014	4.8*
		☐ isobutanol	5.6	170
		☒ methyl ethyl ketone	.28	.36
		☐ pyridine	.014	16
		☒ toluene	.08	28
ABCD	F005	**BDAT TREATMENT STANDARDS**		
		☐ 2-ethoxy ethanol	ref(11) or (13)	ref(13)
		☐ 2-nitropropane	ref(12);(13); (14) or (15)	ref(13)

XI. LAB PACK CERTIFICATION (APPENDIX IV 6 V)

A. APPENDIX IV - ORGANOMETALLICS LAB PACKS

"For line items A, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the wastes specified in Appendix IV (one of those excluded is D009) to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

B. APPENDIX V - ORGANIC LAB PACKS

"For line items _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the organic wastes specified in Appendix V to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

XII. NON HAZARDOUS / NON RESTRICTED WASTE CERTIFICATION

The following manifest line items are not subject to any land disposal restrictions as specified in 40 CFR Subpart D and all applicable prohibitions set forth in 268.32 or RCRA: ABCD — WASTE CODE(S) D018 ABCD — WASTE CODE(S) _____

ABCD — WASTE CODE(S) _____ ABCD — WASTE CODE(S) _____

XIII. REFERENCE CODES

REFERENCE CODE 1	SEE 40 CFR 268.42(a)–DEACT	REFERENCE CODE 9	SEE 40 CFR 268.42(a)–IMERC
REFERENCE CODE 2	SEE 40 CFR 268.42(a)–DEACT and meet F039	REFERENCE CODE 10	SEE 40 CFR 268.42(a)–RMERC
REFERENCE CODE 3	SEE 40 CFR 268.42(a)–FSUBS;RORGS;orINCIN	REFERENCE CODE 11	SEE 40 CFR 268.42(a)–BIODG
REFERENCE CODE 4	SEE 40 CFR 268.41 TABLE CCWE	REFERENCE CODE 12	SEE 40 CFR 268.42(a)–CARBN
REFERENCE CODE 5	SEE 40 CFR 268.42 TABLE 2 - BDAT	REFERENCE CODE 13	SEE 40 CFR 268.42(a)–INCIN
REFERENCE CODE 6	SEE 40 CFR 268.43 TABLE CCW	REFERENCE CODE 14	SEE 40 CFR 268.42(a)–WETOX
REFERENCE CODE 7	SEE 40 CFR 268.42(a)–RTHRM	REFERENCE CODE 15	SEE 40 CFR 268.42(a)–CHOXD
REFERENCE CODE 8	SEE 40 CFR 268.42(a)–RLEAD		

*These treatment standards are based on TCLP, not total constituent concentrations. The treatment standards for these constituents apply to F001-F005 wastes which contain only one, two or all three of these constituents. If the waste contains any of the other 26 constituents found in F001-F005, only the total analysis need be performed.

XIV. CERTIFICATION

"I notify that I **personally** examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste described on this page **and/or the reverse of this page** does not comply with the treatment standards specified in 40 CFR 268, Subpart D or RCRA Section 3004(d), and all applicable prohibitions set forth in appropriate regulatory treatment standards prior to land disposal."

Signature: Bonita L. Green Date: 5/12/94 Print Name: Bonita L. Green Title: EPA-OSC

Land Disposal Notification and Certification Form

With several newly promulgated regulations now in effect Cycle Chem, Inc has revised its Land Disposal Notification and Certification Form. In addition to incorporating these new requirements and treatment standards into the revised form, Cycle Chem has also incorporated many suggestions from our customer service staff and our in-house regulatory specialists in preparing a new format that we hope you will find easier to use. If you have any questions please contact our staff at (908) 355-5800 and we will be glad to assist you.

This form can be used for four manifest items or an additional continuation form. The instructions are as follows:

Section I List the Line Items and USEPA Hazardous Waste Codes as noted on the accompanying Hazardous Waste Manifest. Note whether the waste is considered wastewater or nonwastewater. Also note your CCI generator product code.

Sections II - VII Simply circle the appropriate Line Item for each applicable EPA Waste Code and Subcategory.
If your waste is D001 or D002 and the Technology Code references (2)/ Deact and meet F039 you must identify the underlying hazardous constituent(s) as listed in the RCRA waste code F039 Multicode Leachate. You must attach the complete F039 Multi-Source Leachate listing and circle the applicable constituents and treatment standards.

Section VIII If there are other waste codes that apply but are not pre-printed you must note the Line Item, RCRA Code, Technology Code, Treatment Standard, Subcatagory and whether it is a wastewater or nonwastewater.

Section IX If the waste is subject to any California List Restrictions you must circle the line item next to the corresponding restriction.

Section X Circle the appropriate Line Item for each applicable F001-F005 EPA Waste Code and [x] next to the applicable constituent(s).

Section XI For Lab Packs with USEPA Hazardous Waste Codes specified in Appendix IV or Appendix V to Part 268 and which will be incinerated in accordance with Part 264 Subpart 0 or Part 265 Subpart 0 you may choose one of the alternate treatment certifications.
If your waste contains USEPA Code(s) not listed in Appendix IV or Appendix V, or the waste is not being sent for incineration you must note each corresponding treatment standards based on every applicable USEPA Code(s).

Section XII If your waste is not subject to any land disposal restrictions (i.e. D018 - D043, X700's, X900 or X910) circle the appropriate line item(s) and list all waste codes.

Section XIII REFERENCE CODES

Section XIV Certification
A signature is required if your waste is listed in any categories listed on the front and/or back of this LDR.

X. F001 - F005 SPENT SOLVENT WASTES RESTRICTIONS NUMERICAL TREATMENT STANDARDS

LINE ITEM	RCRA CODE(S)	CONSTITUENT(S)	WW mg/1	NWW mg/kg
ABCD	F001	☐ carbon tetrachloride	.057	5.6
		☐ o-cresol	.11	5.6
		☐ nitrobenzene	.068	14
ABCD	F002	☐ chlorobenzene	.057	5.7
		☐ 1,2-dichlorobenzene	.088	6.2
		☐ methylene chloride	.089	33
		☐ methylene chloride (pharmaceutical)	.44	NA
		☐ tetrachloroethylene	.056	5.6
		☐ 1,1,1-trichloroethane	.054	5.6
		☐ 1,1,2-trichloroethane	.030	7.6
		☐ trichloroethylene	.054	5.6
		☐ 1,1,2-trichloro-1,2,2-trifluoroethane	.057	28
		☐ trichlorofluoromethane	.02	33
ABCD	F003	☐ acetone	.28	160
		☐ n-butyl alcohol	5.6	2.6
		☐ cyclohexanone	0.36	.75*
		☐ ethyl acetate	0.34	33
		☐ ethyl benzene	.057	6.0
		☐ ethyl ether	0.12	160
		☐ methanol	5.6	.75*
		☐ methyl isobutyl ketone	.14	33
		☐ xylene (total)	.32	28
ABCD	F004	☐ m,p-cresol	.77	3.2
		☐ o-cresol	.11	5.6
		☐ nitrobenzene	.068	14
ABCD	F005	☐ benzene	.070	3.7
		☐ carbon disulfide	.014	4.8*
		☐ isobutanol	5.6	170
		☐ methyl ethyl ketone	.28	.36
		☐ pyridine	.014	16
		☐ toluene	.08	28
ABCD	F005	**BDAT TREATMENT STANDARDS**		
		☐ 2-ethoxy ethanol	ref(11) or (13)	ref(13)
		☐ 2-nitropropane	ref(12);(13); (14) or (15)	ref(13)

XI. LAB PACK CERTIFICATION (APPENDIX IV 6 V)

A. APPENDIX IV - ORGANOMETALLICS LAB PACKS

"For line items A, B, C, D, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the wastes specified in Appendix IV (one of those excluded is D009) to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

B. APPENDIX V - ORGANIC LAB PACKS

"For line items _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the organic wastes specified in Appendix V to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

XII. NON HAZARDOUS / NON RESTRICTED WASTE CERTIFICATION

The following manifest line items are not subject to any land disposal restrictions as specified in 40 CFR Subpart D and all app;icable prohibitions set forth in 268.32 or RCRA: ABCD ___ WASTE CODE(S) _____ ABCD ___ WASTE CODE(S) _____

ABCD ___ WASTE CODE(S) _____ ABCD ___ WASTE CODE(S) _____

XIII. REFERENCE CODES

REFERENCE CODE 1	SEE 40 CFR 268.42(a)–DEACT	REFERENCE CODE 9	SEE 40 CFR 268.42(a)–IMERC
REFERENCE CODE 2	SEE 40 CFR 268.42(a)–DEACT and meet F039	REFERENCE CODE 10	SEE 40 CFR 268.42(a)–RMERC
REFERENCE CODE 3	SEE 40 CFR 268.42(a)–FSUBS;RORGS;orINCIN	REFERENCE CODE 11	SEE 40 CFR 268.42(a)–BIODG
REFERENCE CODE 4	SEE 40 CFR 268.41 TABLE CCWE	REFERENCE CODE 12	SEE 40 CFR 268.42(a)–CARBN
REFERENCE CODE 5	SEE 40 CFR 268.42 TABLE 2 - BDAT	REFERENCE CODE 13	SEE 40 CFR 268.42(a)–INCIN
REFERENCE CODE 6	SEE 40 CFR 268.43 TABLE CCW	REFERENCE CODE 14	SEE 40 CFR 268.42(a)–WETOX
REFERENCE CODE 7	SEE 40 CFR 268.42(a)–RTHRM	REFERENCE CODE 15	SEE 40 CFR 268.42(a)–CHOXD
REFERENCE CODE 8	SEE 40 CFR 268.42(a)–RLEAD		

*These treatment standards are based on TCLP, not total constituent concentrations. The treatment standards for these constituents apply to F001-F005 wastes which contain only one, two or all three of these constituents. If the waste contains any of the other 26 constituents found in F001-F005, only the total analysis need be performed.

XIV. CERTIFICATION

"I notify that I **personally** examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste described on this page **and/or the reverse of this page** does not comply with the treatment standards specified in 40 CFR 268, Subpart D or RCRA Section 3004(d), and all applicable prohibitions set forth in appropriate regulatory treatment standards prior to land disposal."

Signature: Bonita L. Green Date: 5/12/94 Print Name: Bonita L. Green Title: EPA-OSC

Land Disposal Notification and Certification Form

With several newly promulgated regulations now in effect Cycle Chem, Inc has revised its Land Disposal Notification and Certification Form. In addition to incorporating these new requirements and treatment standards into the revised form, Cycle Chem has also incorporated many suggestions from our customer service staff and our in-house regulatory specialists in preparing a new format that we hope you will find easier to use. If you have any questions please contact our staff at (908) 355-5800 and we will be glad to assist you.

This form can be used for four manifest items or an additional continuation form. The instructions are as follows:

Section I List the Line Items and USEPA Hazardous Waste Codes as noted on the accompanying Hazardous Waste Manifest. Note whether the waste is considered wastewater or nonwastewater. Also note your CCI generator product code.

Sections II - VII Simply circle the appropriate Line Item for each applicable EPA Waste Code and Subcategory.
If your waste is D001 or D002 and the Technology Code references (2)/ Deact and meet F039 you must identify the underlying hazardous constituent(s) as listed in the RCRA waste code F039 Multicode Leachate. You must attach the complete F039 Multi-Source Leachate listing and circle the applicable constituents and treatment standards.

Section VIII If there are other waste codes that apply but are not pre-printed you must note the Line Item, RCRA Code, Technology Code, Treatment Standard, Subcatagory and whether it is a wastewater or nonwastewater.

Section IX If the waste is subject to any California List Restrictions you must circle the line item next to the corresponding restriction.

Section X Circle the appropriate Line Item for each applicable F001-F005 EPA Waste Code and [x] next to the applicable constituent(s).

Section XI For Lab Packs with USEPA Hazardous Waste Codes specified in Appendix IV or Appendix V to Part 268 and which will be incinerated in accordance with Part 264 Subpart 0 or Part 265 Subpart 0 you may choose one of the alternate treatment certifications.
If your waste contains USEPA Code(s) not listed in Appendix IV or Appendix V, or the waste is not being sent for incineration you must note each corresponding treatment standards based on every applicable USEPA Code(s).

Section XII If your waste is not subject to any land disposal restrictions (i.e. D018 - D043, X700's, X900 or X910) circle the appropriate line item(s) and list all waste codes.

Section XIII REFERENCE CODES

Section XIV Certification
A signature is required if your waste is listed in any categories listed on the front and/or back of this LDR.

X. F001 - F005 SPENT SOLVENT WASTES RESTRICTIONS NUMERICAL TREATMENT STANDARDS

LINE ITEM	RCRA CODE(S)	CONSTITUENT(S)	WW mg/1	NWW mg/kg
ABCD	F001	☐ carbon tetrachloride	.057	5.6
		☐ o-cresol	.11	5.6
		☐ nitrobenzene	.068	14
ABCD	F002	☐ chlorobenzene	.057	5.7
		☐ 1,2-dichlorobenzene	.088	6.2
		☐ methylene chloride	.089	33
		☐ methylene chloride (pharmaceutical)	.44	NA
		☐ tetrachloroethylene	.056	5.6
		☐ 1,1,1-trichloroethane	.054	5.6
		☐ 1,1,2-trichloroethane	.030	7.6
		☐ trichloroethylene	.054	5.6
		☐ 1,1,2-trichloro-1,2,2-trifluoroethane	.057	28
		☐ trichlorofluoromethane	.02	33
ABCD	F003	☐ acetone	.28	160
		☐ n-butyl alcohol	5.6	2.6
		☐ cyclohexanone	0.36	.75*
		☐ ethyl acetate	0.34	33
		☐ ethyl benzene	.057	6.0
		☐ ethyl ether	0.12	160
		☐ methanol	5.6	.75*
		☐ methyl isobutyl ketone	.14	33
		☐ xylene (total)	.32	28
ABCD	F004	☐ m,p-cresol	.77	3.2
		☐ o-cresol	.11	5.6
		☐ nitrobenzene	.068	14
ABCD	F005	☐ benzene	.070	3.7
		☐ carbon disulfide	.014	4.8*
		☐ isobutanol	5.6	170
		☐ methyl ethyl ketone	.28	.36
		☐ pyridine	.014	16
		☐ toluene	.08	28
ABCD	F005	**BDAT TREATMENT STANDARDS**		
		☐ 2-ethoxy ethanol	ref(11) or (13)	ref(13)
		☐ 2-nitropropane	ref(12);(13); (14) or (15)	ref(13)

XI. LAB PACK CERTIFICATION (APPENDIX IV 6 V)

A. APPENDIX IV - ORGANOMETALLICS LAB PACKS

"For line items A, B, C, D, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the wastes specified in Appendix IV (one of those excluded is D009) to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

B. APPENDIX V - ORGANIC LAB PACKS

"For line items _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____,

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack(s) contain(s) only the organic wastes specified in Appendix V to Part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment."

XII. NON HAZARDOUS / NON RESTRICTED WASTE CERTIFICATION

The following manifest line items are not subject to any land disposal restrictions as specified in 40 CFR Subpart D and all applicable prohibitions set forth in 268.32 or RCRA:

ABCD (D) — WASTE CODE(S) None ABCD — WASTE CODE(S) _____

ABCD — WASTE CODE(S) _____ ABCD — WASTE CODE(S) _____

XIII. REFERENCE CODES

REFERENCE CODE 1	SEE 40 CFR 268.42(a)–DEACT
REFERENCE CODE 2	SEE 40 CFR 268.42(a)–DEACT and meet F039
REFERENCE CODE 3	SEE 40 CFR 268.42(a)–FSUBS;RORGS;orINCIN
REFERENCE CODE 4	SEE 40 CFR 268.41 TABLE CCWE
REFERENCE CODE 5	SEE 40 CFR 268.42 TABLE 2 - BDAT
REFERENCE CODE 6	SEE 40 CFR 268.43 TABLE CCW
REFERENCE CODE 7	SEE 40 CFR 268.42(a)–RTHRM
REFERENCE CODE 8	SEE 40 CFR 268.42(a)–RLEAD
REFERENCE CODE 9	SEE 40 CFR 268.42(a)–IMERC
REFERENCE CODE 10	SEE 40 CFR 268.42(a)–RMERC
REFERENCE CODE 11	SEE 40 CFR 268.42(a)–BIODG
REFERENCE CODE 12	SEE 40 CFR 268.42(a)–CARBN
REFERENCE CODE 13	SEE 40 CFR 268.42(a)–INCIN
REFERENCE CODE 14	SEE 40 CFR 268.42(a)–WETOX
REFERENCE CODE 15	SEE 40 CFR 268.42(a)–CHOXD

*These treatment standards are based on TCLP, not total constituent concentrations. The treatment standards for these constituents apply to F001-F005 wastes which contain only one, two or all three of these constituents. If the waste contains any of the other 26 constituents found in F001-F005, only the total analysis need be performed.

XIV. CERTIFICATION

"I notify that I **personally** examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste described on this page **and/or the reverse of this page** does not comply with the treatment standards specified in 40 CFR 268, Subpart D or RCRA Section 3004(d), and all applicable prohibitions set forth in appropriate regulatory treatment standards prior to land disposal."

Signature: Bonita L. Green Date: 5/12/94 Print Name: Bonita L. Green Title: EPA-OSC

WTS

WASTE TECHNOLOGY SERVICES, INC.
WASTE TECHNICAL SURVEY FORM

640 Park Place
Niagara Falls, New York 14301

MAY 23 '12 20:17 OHM CORP- P.3

A. GENERAL INFORMATION:

Generator Name: U.S. EPA Region II
Site Address: 205-247 West Lister Avenue
Falconer, NY 14733
USEPA ID No.: NYD083593125
Contact: Michael T. Schubert/John Title: TSD Coordinator
Phone No.: 315-455-0130

Bill To: WASTE TECHNOLOGY SERVICES, INC.
640 Park Place, Niagara Falls, NY 14301
Contact: Pier Morelli Title:
Phone No.: (716) 282-6100
NAME OF WASTE: PCB capacitors
PROCESS GENERATING WASTE: Leftover material found at CERCLA cleanup site

B. MATERIAL INFORMATION: Chemical Composition (account for 100%)

PCB capacitors	100%	
(metal cases with	%	
PCB oil inside)	%	
	%	
	%	
	ppm	
	ppm	

Physical State: ☒ Solid 100 % ☐ Sludge % ☐ Liquid %
Sp. Gr. >1.0 pH 7.0
Fl. Pt. >200 °F Chlorine >1000 ppm
Layering: ☒ one ☐ bi ☐ multi

C. SHIPPING INFORMATION:

Hazardous waste under ECRA? NO TSCA Yes
Hazardous waste code(s)
DOT Shipping Name RQ, Polychlorinated biphenyls, (liquid in a solid capacitor case)
DOT Hazard Class 9 PG III
UN/NA Number UN2315 RQ 1#
State Hazardous Waste Code(s) B006 State NY
State
Is this material Radioactive, Shock Sensitive, Pyrophoric, or Explosive? No

D. VOLUME INFORMATION:

How will material be shipped? ☐ drum ☐ bulk ☒ other as is
Quantity est. 91 Unit K Per one time
Special Transportation Requirements: Truck must have containment in case of spill.

E. ADDITIONAL INFORMATION: Only CERCLA approved facilities may be utilized. Certificate of disposal required.

F. CERTIFICATION:

I hereby certify that all information submitted is accurate and complete and that all know hazards have been disclosed.

Typed/Printed Name: Bonita L. Green Signature: Bonita L. Green Date: 5/9/94

WTS

WASTE TECHNOLOGY SERVICES, INC.
WASTE TECHNICAL SURVEY FORM

640 Park Place
Niagara Falls, New York, 14301

A. GENERAL INFORMATION:

Generator Name: U.S. EPA Region II
Site Address: 205-247 West Lister Avenue
Falconer, NY 14733
USEPA ID No.: NYD083533125
Contact: Michael T. Schubert-Hoffm Title: TSD Coordinator
Phone No.: 315-455-0180

Bill To: WASTE TECHNOLOGY SERVICES, INC.
640 Park Place, Niagara Falls, NY 14301
Contact: Pier Morelli Title:
Phone No.: (716) 282-4100
NAME OF WASTE: starting fluid cylinders
PROCESS GENERATING WASTE: leftover material found during a CERCLA cleanup

B. MATERIAL INFORMATION: Chemical Composition (account for 100%)

ethyl ether	60-70 %
hexane	10-20 %
heptane	10-20 %
carbon dioxide	0-5 %
isobutane	0-5 %
propane	0-5 % ~~ppm~~
	ppm

Physical State: ☒ Gas cylinder 100% ☐ Solid ___ % ☐ Sludge ___ % ☐ Liquid ___ %
Sp. Gr. <1 pH 7.0
Fl. Pt. <100 °F Chlorine None %
Layering: ☒ one ☐ bi ☐ multi

C. SHIPPING INFORMATION:

Hazardous waste under RCRA? Yes
Hazardous waste code(s) D001
DOT Shipping Name RQ waste compressed gases, flammable, n.o.s. (ethyl ether mixture)
DOT Hazard Class 2.1 PG None
UN/NA Number UN1954 RQ
State Hazardous Waste Code(s) None State NY
State
Is this material Radioactive, Shock Sensitive, Pyrophoric, or Explosive? No

D. VOLUME INFORMATION:

How will material be shipped? ☒ drum ☐ bulk ☐ other
Quantity 1 Unit dm Per once
Special Transportation Requirements: None

E. ADDITIONAL INFORMATION: Only CERCLA approved facilities may be utilized. Certificates of Disposal required.

CERTIFICATION:

I hereby certify that all information submitted is accurate and complete and that all known hazards have been disclosed.

Typed/Printed Name: Bonita L. Green Signature: Bonita L. Green Date: 5/9/94

THY 23 '12 20:16 OHMCORP P.2