



LAND DISPOSAL RESTRICTION NOTIFICATION FORM (LDRNF)
For Wastes Subject to the Treatment Standards Found in 40 CFR 268

INSTRUCTIONS: Complete Part I, check and complete Part II. Complete and sign Part III, if applicable.

PART I. Generator, Reference and Manifest Information

Generator Name: _____ EPA I.D.# _____

Address: _____ City: _____

State: _____ Zip: _____ Manifest Number: _____

This stream is (check one) _____ wastewater (Per Section 40 CFR 268.2(f)(1)(2)(3)) _____ non-wastewater.

PART II. Waste subject to Land Disposal Restrictions

Pursuant to 40 CFR 268.7(a), I hereby notify that this waste shipment contains one or more of the following waste(s) restricted under the land disposal restrictions for which applicable treatment standards are set forth in 40 CFR, 268.40 or 42 USCS, 6924(d).

EPA Hazardous Waste Numbers

F listed Solvents (check all that apply)

___ F001, F002, F003, F004 or F005 (Underlying constituents must be identified. Use Form LDRN-1A)

___ F005 Containing 2-Nitropropane or 2-Ethoxyethanol

___ F001-F005 Containing carbon disulfide, cyclohexanone, methanol, or a combination of these constituents as the sole F001-5 regulated constituent.

Other Wastes

List all D.F.K.U or P Codes (if any) F001, D003, etc.	Subcategory (if any) See LDRN-1B	Wastewater or Non-wastewater		C&O Profile Number	Applicable California Codes
		WW	NWW		

Hazardous Debris Notification

___ This hazardous debris is subject to the alternative treatment standards of 40 CFR, 268.45
Contaminants subject to treatment (please list waste codes applicable to the debris)

FACILITY: Note that "Contaminants Subject to Treatment" are those constituents applicable to waste code listed above for which a BDAT treatment standard established in 40 CFR, 268.40, including underlying constituents where applicable.

Applicable Certifications

PART III. Authorized Representative

Crosby & Overton Profile Number	Manifest and Line Item Number associated with waste shipment
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CHECK THE APPROPRIATE CERTIFICATION

___ 1. Generator's Certification (268.7(a)(2)(ii)) for waste that meets Treatment Standards

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

___ 2. Waste Treated to Remove Characteristics (268.7(b)(5)(iv))

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.

___ 3. Debris Treated to meet Alternative Standards (268.7(d)(3)(iii))

I certify under penalty of law that the debris has been treated in accordance with the requirements of 40 CFR 268.45. I am aware that there are significant penalties for making a false certification including the possibility of fine and imprisonment.

___ 4. Lab Packs to be Treated by Incineration (Certification must be completed.) Appendix IV Lab Packs

I certify under penalty of law that I have personally examined and am familiar with the waste and that the lab pack contains only wastes which have not been excluded under Appendix IV to 40 CFR Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

___ 5. Appendix V Lab Pack:

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis testing or through knowledge of the waste and that the lab pack contains only organic waste 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.

Signature	Print Name
Title	Date

LDRN-1A

CONSTITUENTS TO BE MONITORED – This table identifies the constituents listed in 40CFR 268.48 for which universal treatment standards have been set. Use this table in association with the land disposal restriction notification form to identify underlying constituents to be monitored in F001-F005, F039, D001 (other than High TOC non-wastewater forms), D002 & D012-D043 hazardous wastes.

Constituents by Chemical Name	WW Conc.	NWW Conc.	Constituents by Chemical Name	WW Conc.	NWW Conc.	Constituents by Chemical Name	WW Conc.	NWW Conc.
___ Acenaphthylene	0.059	3.4	___ 1,2-Dichloroethane	0.21	6.0	___ Nitrobenzene	0.068	14
___ Acenaphthene	0.059	3.4	___ 1,1-Dichloroethylene	0.025	6.0	___ 5-Nitro-O-Toluidine	0.32	28
___ Acetone	0.28	160	___ Trans-1,2-Dichloroethylene	0.054	30	___ O-Nitrophenol+	0.028	13
___ Acetonitrile	5.6	1.8	___ 2,4-Dichlorophenol	0.044	14	___ Pnitrophenol	0.12	29
___ Acetophenone	0.010	9.7	___ 2,6-Dichlorophenol	0.044	14	___ N-Nitrosodiethylamine	0.40	28
___ 2-Acetylaminofluorene	0.059	140	___ 1,2-Dichloropropane	0.85	18	___ N-Nitrosodimethylamine	0.40	2.3
___ Acrolein	0.29	NA	___ Cis-1,3-Dichloropropylene	0.036	18	___ N-Nitroso-Di-N-Butylamine	0.40	17
___ Acrylamide	19	23	___ Trans-1,3-Dichloropropylene	0.036	18	___ N-Nitrosomethylethylamine	0.40	2.3
___ Acrylonitrile	0.24	84	___ Dieldrin	0.017	0.13	___ N-Nitrosomorpholine	0.40	2.3
___ Aldrin	0.021	0.066	___ Diethyl Phthalate	0.20	28	___ N-Nitrosopiperidine	0.013	35
___ 4-Aminobiphenyl	0.13	NA	___ 2-4-Dimethyl Phenol	0.036	14	___ N-Nitrosopyrrolidine	0.013	35
___ Aniline	0.81	14	___ Dimethyl Phthalate	0.047	28	___ Parathion	0.014	4.6
___ Anthracene	0.059	3.4	___ Di-N-Butyl Phthalate	0.057	28	___ Total PCBs	0.10	10
___ Aramite	0.36	NA	___ 1,4-Dinitrobenzene	0.32	2.3	___ Pentachlorobenzene	0.055	10
___ Alpha-BHC	0.00014	0.066	___ 4,6-Dinitro-O-Cresol	0.28	160	___ PECDDs(All Pentachlorodibenzo P-dioxins)	0.000063	0.001
___ Beta-BHC	0.00014	0.066	___ 2,4-Dinitrophenol	0.12	160	___ PECDFs(All Pentachlorodibenzofurans)	0.000035	0.001
___ Delta-BHC	0.023	0.066	___ 2,4-Dinitrotoluene	0.32	140	___ Pentachloroethane+	0.055	6.0
___ Gamma-BHC	0.0017	0.066	___ 2,6-Dinitrotoluene	0.55	28	___ Pentachloronitrobenzene	0.055	4.8
___ Benzene*	0.14	10	___ Di-N-Octyl Phthalate	0.017	28	___ Pentachlorophenol	0.089	7.4
___ Benzo (A) Anthracene	0.059	3.4	___ P-Dimethylaminoazobenzene+	0.13	NA	___ Phenacelin	0.081	16
___ Benzal Chloride+	0.055	6.0	___ Di-N-Propyl nitrosamine	0.40	14	___ Phenanthrene	0.059	5.6
___ Benzo (B) Fluoranthene	0.11	6.8	___ 1,4-Dioxane	NA	170	___ Phenol	0.039	6.2
___ Benzo (K) Fluoranthene	0.11	6.8	___ Diphenylamine	0.92	13	___ Phorate	0.021	4.6
___ Benzo (G,H,I) Perylene	0.0055	1.8	___ Diphenylnitrosamine	0.92	13	___ Phthalic Acid	0.055	28
___ Benzo (A) Pyrene	0.061	3.4	___ 1,2-Diphenylhydrazine	0.087	NA	___ Phthalic Anhydride	0.055	28
___ Bromodichloromethane	0.35	15	___ Disulfoton	0.017	6.2	___ Pronamide	0.093	1.5
___ Methyl Bromide (Bromomethane)	0.11	15	___ Endosulfan I	0.023	0.066	___ Pyrene	0.067	8.2
___ 4-Bromophenyl Phenyl Ether	0.055	15	___ Endosulfan II	0.029	0.13	___ Pyridine*	0.014	16
___ N-Butyl Alcohol*	5.6	2.6	___ Endosulfan Sulfate	0.029	0.13	___ Safrole	0.081	22
___ Butyl Benzyl Phthalate	0.017	28	___ Endrin	0.0028	0.13	___ Silvex(2,4,5-Tp)	0.72	7.9
___ 2-Sec-Butyl-4,6-Dinitrophenol (Dinoseb)	0.066	2.5	___ Endrin Aldehyde	0.025	0.13	___ 2,4,5-T(2,4,5-Trichlorophenoxyacetic Acid)	0.72	7.9
___ Carbon Disulfide*	3.8	4.8mg/l	___ Ethyl Acetate*	0.34	33	___ 1,2,4,5-Tetrachlorobenzene	0.055	1.4
___ Carbon Tetrachloride*	0.057	6.0	___ Ethyl Cyanide (Propanenitrile)	0.24	360	___ TCDDs(All Tetrachlorodibenzene-P-Dioxins)	0.000063	0.001
___ Chlordane (Alpha & Gamma Isomers)	0.0033	0.26	___ Ethyl Benzene*	0.057	10	___ TCDFs(All Tetrachlorodibenzofurans)	0.000063	0.001
___ P-Chloroaniline	0.46	16	___ Ethyl Ether*	0.12	160	___ 1,1,1,2-Tetrachloroethane	0.0577	6.0
___ Chlorobenzene*	0.057	6.0	___ Bis(2-Ethylhexy)	0.28	28	___ 1,1,2,2-Tetrachloroethane	0.057	6.0
___ Chlorobenzilate	0.10	NA	___ Ethyl Methacrylate	0.14	160	___ Tetrachloroethylene*	0.056	6.0
___ 2-Chloro-1,3-Butadiene	0.057	0.28	___ Ethylene Oxide	0.12	NA	___ 2,3,4,6-Tetrachlorophenol	0.030	7.4
___ Chlorodibromomethane	0.057	15	___ Famphur	0.017	15	___ Toluene*	0.080	10
___ Chloroethane	0.27	6.0	___ Fluoranthene	0.068	3.4	___ Toxaphene	0.0095	2.6
___ Bis(2-Chloroethoxy)Methane	0.036	7.2	___ Fluorene	0.059	3.4	___ Bromoform (Tribromomethane)	0.63	15
___ Bis(2-Chloroethyl)Ether	0.033	6.0	___ Heptachlor	0.0012	0.066	___ 1,2,4-Trichlorobenzene	0.055	19
___ Chloroform	0.046	6.0	___ Heptachlor Epoxide	0.016	0.066	___ 1,1,1-Trichloroethane*	0.054	6.0
___ Bis(2-Chloroisopropyl)Ether	0.055	7.2	___ Hexachlorobenzene	0.055	10	___ 1,1,2-Trichloroethane*	0.054	6.0
___ P-Chloro-M-Cresol	0.018	14	___ Hexachlorobutadiene	0.055	5.6	___ Trichloroethylene*	0.054	6.0
___ 2-Chloroethyl Vinyl Ether	0.062	NA	___ Hexachlorocyclopentadiene	0.057	2.4	___ Trichloromonofluoromethane*	0.020	30
___ Chloromethane (Methyl Chloride)	0.19	30	___ HxCDDs(All Hexachlorodibenzo-Dioxins)	0.000063	0.001	___ 2,4,5-Trichlorophenol	0.18	7.4
___ 2-Chloronaphthalene	0.055	5.6	___ HxCDFs(All Hexachlorodibenzofurans)	0.000063	0.001	___ 2,4,6-Trichlorophenol	0.035	7.4
___ 2-Chlorophenol	0.044	5.7	___ Hexachloroethane	0.055	30	___ 1,2,3-Trichloropropane	0.85	30
___ 3-Chloropropylene	0.036	30	___ Hexachloropropylene	0.035	30	___ 1,1,2-Trichloro-1,2,2-Trifluoroethane*	0.057	30
___ Chrysene	0.059	3.4	___ Indeno(1,2,3-C,D)Pyrene	0.0055	3.4	___ Tris-(2,3-Dibromopropyl) Phosphate	0.11	0.10
___ O-Cresol*	0.11	5.6	___ Iodomethane	0.19	65	___ Vinyl Chloride	0.27	6.0
___ M-Cresol*	0.77	5.6	___ Isobutyl Alcohol*	5.6	170	___ Xylenes-Mixed Isomers (Sum of O,M & P)*	0.32	30
___ P-Cresol*	0.77	5.6	___ Isodrin	0.021	0.066	___ Antimony	1.9	2.1 mg/l
___ Cyclohexanone*	0.36	0.75mg/l	___ Isosatore	0.081	2.6	___ Arsenic	1.4	5.0 mg/l
___ 1,2-Dibromo-3-Chloropropane	0.11	15	___ Kepone	0.0011	0.13	___ Barium	1.2	7.6 mg/l
___ Ethylene Dibromide (1,2-Dibromoethane)	0.028	15	___ Methacrylonitrile	0.24	84	___ Beryllium	0.82	0.014 mg/l
___ Dibromomethane	0.11	15	___ Methanol*	5.6	0.75mg/l	___ Cadmium	0.69	0.19 mg/l
___ 2,4-D(2,4-Dichlorophenoxyacetic Acid)	0.72	10	___ Methapyrilene	0.081	1.5	___ Chromium (Total)	2.77	0.86 mg/l
___ O,P-DDD	0.023	0.087	___ Methoxychlor	0.25	0.18	___ Cyanides (Total)	1.2	590
___ P,P-DDD	0.023	0.087	___ 3-Methylcholanthrene	0.0055	15	___ Cyanides (Amenable)	0.86	30
___ O,P-DDE	0.031	0.087	___ 4,4-Methylene Bis(2-Chloroaniline)	0.50	30	___ Fluoride	35	NA
___ P,P-DDE	0.031	0.087	___ Methylene Chloride*	0.089	30	___ Lead	0.69	0.37 mg/l
___ O,P-DDT	0.0039	0.087	___ Methyl Ethyl Ketone*	0.28	36	___ Mercury-NWW from retort	NA	0.20 mg/l
___ P,P-DDT	0.0039	0.087	___ Methyl Isobutyl Ketone*	0.14	33	___ Mercury-All others	0.15	0.025 mg/l
___ Dibenz(A,H)Anthracene	0.055	8.2	___ Methyl Methacrylate	0.14	160	___ Nickel	3.98	5.0 mg/l
___ Dibenz(A,E)Pyrene	0.061	NA	___ Methyl Methanesulfonate	0.018	NA	___ Selenium	0.82	0.16 mg/l
___ M-Dichlorobenzene	0.036	6.0	___ Methyl Parathion	0.014	4.6	___ Silver	0.43	0.30 mg/l
___ O-Dichlorobenzene*	0.088	6.0	___ Naphthalene	0.059	5.6	___ Sulfide	14	NA
___ P-Dichlorobenzene	0.090	6.0	___ 2-Naphthylamine	0.52	NA	___ Zinc+ (Not An UHC)	2.61	5.3 mg/l
___ Dichlorodifluoromethane	0.23	7.2	___ O-Nitroaniline+	0.27	14			
___ 1,1-Dichloroethane	0.059	6.0	___ P-Nitroaniline	0.028	28			
___ Thallium	1.4	0.078mg/l	___ Vanadium (Not an UHC)	4.3	0.23mg/l			

Regulated hazardous constituents for F001-F005 are indicated with (*)

Regulated hazardous constituents for F039 include all of those listed above except those indicated with (+)

LDRN-1B

Waste Codes Which Carry Subcategory Designations

Waste Code	Regulatory Subcategory
D001	LOW TOC Subcategory, Non-CWA/Non-CWA-equivalent/non-Class 1 SDWA systems.
D001	LOW TOC Subcategory, CWA/CWA-equivalent/Class 1 SDWA systems.
D001	Hight TOC Ignitable Characteristic Liquids
D002	Corrosive Characteristic Wastes, Non-CWA/Non-CWA Equivalent/Non-Class 1 SDWA systems.
D002	Corrosive Characteristic Wastes, CWA, CWA-Equivalent, or Class 1 SDWA systems.
D003	Reactive Sulfides Subcategory based on 261.23(a)(5).
D003	Explosives Subcategory based on 261.23(a)(6), (7) and (8).
D003	Other Reactives Subcategory based on 261.23(a)(1).
D003	Water Reactive Subcategory based on 261.23(a)(2), (3) and (4).
D003	Reactive Cyanides Subcategory based on 261.23(a)(5).
D006	Cadmium Containing Batteries.
D008	Lead Acid Batteries Subcategory.
D008	Radioactive Lead Solids Subcategory.
D009	Nonwastewaters High Mercury-Organic Subcategory
D009	Nonwastewaters High Mercury-Inorganic Subcategory
D009	Nonwastewaters that contain less than 260 mg/kg total mercury. (Low Mercury Subcategory).
D009	Elemental mercury contaminated with radioactive materials.
D009	Hydraulic oil contaminated with Mercury Radioactive Materials Subcategory.
D012-D043	Wastes that are managed in Non-CWA/non-CWA equivalent/Non-Class 1 SDWA systems only.
F003	F003 and/or F005 solvent wastes that contain any combination of one or more of the following three solvents as the only listed F001-5 solvents; carbon disulfide, cyclohexanone and/or methanol. (formerly 268.41(c)).
F005	F005 solvent waste containing 2-Nitropropane as the only listed F001-5 solvent.
F005	F005 solvent waste containing 2-Ethoxyethanol as the only listed F001-5 solvent.
F025	Light Ends Subcategory.
F025	Spent Filters/Aids and Desiccants Subcategory.
K069	Calcium Sulfate (Low Lead) Subcategory.
K069	Non-Calcium Sulfate (High Lead) Subcategory.
K071	Non-wastewaters from RMERC.
K071	Non-wastewaters not from RMERC.
K106	Non-wastewaters that contain greater than or equal to 260 mg/kg total mercury.
K106	Non-wastewaters, less than 260 mg/kg total mercury that are residues from RMERC.
K106	Non-wastewaters, less than 260 mg/kg total mercury not residues from RMERC.
P065	Non-wastewaters, regardless of their total mercury content, not incinerator or RMERC residues.
P065	Non-wastewaters, either incinerator or RMEC residues and greater than or equal to 260 mg/kg total mercury.
P065	Non-wastewaters residues from RMERC and contain less than 260 mg/kg total mercury.
P065	Non-wastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.
P092	Non-wastewaters, less than 260 mg/kg total mercury not residues from RMERC.
P092	Non-wastewaters, regardless of their total mercury content, not incinerator or RMERC residues.
P092	Non-wastewaters, either incinerator or RMEC residues and greater than or equal to 260 mg/kg total mercury.
P092	Non-wastewaters residues from RMERC and contain less than 260 mg/kg total mercury.
U151	Non-wastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.
U151	Non-wastewaters that contain less than 260 mg/kg total mercury and not RMERC residues.
U151	Elemental Mercury Contaminated with Radioactive Materials.

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

Hazardous waste with the following EPA Hazardous Waste Codes may not be placed in lab packs under the alternative lab pack treatment standards of 268.42(c)(INCIN): D009, F019, K003, K004, K005, K006, K062, K100, K106, P010, P011, P012, P076, P078, U134, U151.