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

Generator Name: Douglas Aircraft Company Manifest No.: 16282 | 95316282

WMDS	Wastewater	Non-wastewater	Waste Codes *, Subcategories and Hazardous Constituents	Special Conditions
520571	☐	☑	F003, F005, F002, D001, D007	
520469	☐	☑	F001	
520576	☐	☑	F002, F003, F005, D007	
520573	☐	☑	D007	
524751	☐	☑	D001	
619535	☐	☑	D002	
619538	☐	☑	U080	
619252	☐	☐	N/R	
614984	☐	☐	D007	

*Regulated Hazardous Constituents, not the Underlying Hazardous Constituents (UHC's), must be identified for waste streams which carry the EPA Waste Codes, F001-F005, F039 and for California List wastes (40CFR268.32). UHC's must be identified for D001 (If Not Treated by CMBST or RORGS), D002, D012-D043 (if treated in Non-CWA, Non-CWA equivalent or Non-SDWA facilities). Wastewater forms of D012-D017 do not require that UHC's be identified.
List the constituents on the corresponding line or include a marked copy of the Universal Treatment Standards Sheet for each affected WMDS.

Special Conditions:

A. Waste Requiring No Further Treatment
B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.42(c)
C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268.45 (List Contaminants)
E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
F. Waste already treated to remove a hazardous characteristic which requires additional treatment for underlying hazardous constituents (List constituents)
G. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSDFs handling wastes subject to 40 CFR 61 subpart FF ONLY: This waste is a "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR 61 subpart FF.

Waste analysis is attached where available, otherwise, the information contained herein is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I submitted is true, accurate and complete.

Signature Robert G. Twell, Jr. Title Sr. Plant Engineer Date 05-01-95

Waste Streams Identified by Special Condition A: 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 40CFR 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.

Waste Streams Identified by Special Condition B: I certify under penalty of law that I personally have 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 268. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Waste Streams Identified by Special Condition F: 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 a fine and imprisonment.

WMDS	Wastewater	Non-wastewater	Waste Codes *, Subcategories and Hazardous Constituents	Special Conditions
614983	☐	☑	N/R	
619541	☐	☐	N/R	
619253	☐	☐	N/R	
619540	☐	☐	N/R	
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		
	☐	☐		

Additional Information:

Waste Codes which carry Subcategory Designations

Waste Code	Regulatory Subcategory
D001	LOW TOC Subcategory, non-CWA/ non-CWA-equivalent/non-Class I SDWA systems.
D001	LOW TOC Subcategory, CWA/CWA-equivalent/Class I SDWA systems.
D001	High TOC Ignitable Characteristic Liquids
D002	Corrosive Characteristic Wastes, non-CWA/non-CWA equivalent/non-Class I SDWA systems.
D002	Corrosive Characteristic Wastes, CWA, CWA-equivalent, or Class I 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 I 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
F[illegible]5	Spent Filters/Aids and Desiccants Subcategory
K069	Calcium Sulfate (Low Lead) Subcategory
K069	Non-Calcium Sulfate (High Lead) Subcategory
K071	nonwastewaters from RMERC.
K071	nonwastewaters not from RMERC.
K106	nonwastewaters that contain greater than or equal to 260 mg/kg total mercury.
K106	nonwastewaters, less than 260 mg/kg total mercury that are residues from RMERC.
K106	nonwastewaters, less than 260 mg/kg total mercury not residues from RMERC.
P065	nonwastewaters, regardless of their total mercury content, not incinerator or RMERC residues.
P065	nonwastewaters, either incinerator or RMEC residues and greater than or equal to 260 mg/kg total mercury.
P065	nonwastewaters residues from RMERC and contain less than 260 mg/kg total mercury.
P065	nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.
P092	nonwastewaters, less than 260 mg/kg total mercury not residues from RMERC.
P092	nonwastewaters, regardless of their total mercury content, not incinerator or RMERC residues.
P092	nonwastewaters, either incinerator or RMEC residues and greater than or equal to 260 mg/kg total mercury.
P092	nonwastewaters residues from RMERC and contain less than 260 mg/kg total mercury.
U151	nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.
U151	nonwastewaters 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 al[illegible]ative lab pack treatment standards of § 268.42(c)(INCIN):

D[illegible], F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, U151.

Universal Treatment Standards 40 CFR 268.48

page ____ of ____

☑ For WMDS 520571,520576 the Underlying Constituents have been identified by marking the box to the left of each constituent.

MANIFEST 16282/95316282

☐ None of the Underlying Constituents are present in the following WMDS(s):

Constituents by Chemical Name	WW Conc.	NWW Conc.
☐ Acenaphthylene	0.059	3.4
☐ Acenaphthene	0.059	3.4
☑ Acetone*	0.28	160
☐ Acetonitrile	5.6	1.8
☐ Acetophenone	0.010	9.7
☐ 2-Acetylaminofluorene	0.059	140
☐ Acrolein	0.29	NA
☐ Acrylamide	19	23
☐ Acrylonitrile	0.24	84
☐ Aldrin	0.021	0.066
☐ 4-Aminobiphenyl	0.13	NA
☐ Aniline	0.81	14
☐ Anthracene	0.059	3.4
☐ Aramite	0.36	NA
☐ 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	10
☐ Benz(A)Anthracene	0.059	3.4
☐ Benzal Chloride+	0.055	6.0
☐ Benzo(B)Fluoranthene	0.11	6.8
☐ Benzo(K)Fluoranthene	0.11	6.8
☐ Benzo(G,H,I)Perylene	0.0055	1.8
☐ Benzo(A)Pyrene	0.061	3.4
☐ Bromodichloromethane	0.35	15
☐ Methyl Bromide (Bromomethane)	0.11	15
☐ 4-Bromophenyl Phenyl Ether	0.055	15
☐ N-Butyl Alcohol*	5.6	2.6
☐ Butyl Benzyl Phthalate	0.017	28
☐ 2-Sec-Butyl-4,6-Dinitrophenol (Dinoseb)	0.066	2.5
☐ Carbon Disulfide*	3.8	4.8 mg/l
☐ Carbon Tetrachloride*	0.057	6.0
lordane (Alpha And Gamma Isomers)	0.0033	0.26
Chloroaniline	0.46	16
☐ Chlorobenzene*	0.057	6.0
☐ Chlorobenzilate	0.10	NA
☐ 2-Chloro-1,3-Butadiene	0.057	0.28
☐ Chlorodibromomethane	0.057	15
☐ Chloroethane	0.27	6.0
☐ Bis(2-Chloroethoxy)Methane	0.036	7.2
☐ Bis(2-Chloroethyl)Ether	0.033	6.0
☐ Chloroform	0.046	6.0
☐ Bis(2-Chloroisopropyl)Ether	0.055	7.2
☐ P-Chloro-M-Cresol	0.018	14
☐ 2-Chloroethyl Vinyl Ether	0.062	NA
☐ Chloromethane(Methyl Chloride)	0.19	30
☐ 2-Chloronaphthalene	0.055	5.6
☐ 2-Chlorophenol	0.044	5.7
☐ 3-Chloropropylene	0.036	30
☐ Chrysene	0.059	3.4
☐ O-Cresol*	0.11	5.6
☐ M-Cresol*	0.77	5.6
☐ P-Cresol*	0.77	5.6
☐ Cyclohexanone*	0.36	0.75 mg/l
☐ 1,2-Dibromo-3-Chloropropane	0.11	15
☐ Ethylene Dibromide (1,2-Dibromoethane)	0.028	15
☐ Dibromomethane	0.11	15
☐ 2,4-D (2,4-Dichlorophenoxyacetic Acid)	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
☐ Dibenz(A,H)Anthracene	0.055	8.2
☐ Dibenz(A,E)Pyrene	0.061	NA
☐ M-Dichlorobenzene	0.036	6.0
Dichlorobenzene*	0.088	6.0
Dichlorobenzene	0.090	6.0
☐ Dichlorodifluoromethane	0.23	7.2
☐ 1,1-Dichloroethane	0.059	6.0

Constituents by Chemical Name	WW Conc.	NWW Conc.
☐ 1,2-Dichloroethane	0.21	6.0
☐ 1,1-Dichloroethylene	0.025	6.0
☐ Trans-1,2-Dichloroethylene	0.054	30
☐ 2,4-Dichlorophenol	0.044	14
☐ 2,6-Dichlorophenol	0.044	14
☐ 1,2-Dichloropropane	0.85	18
☐ Cis-1,3-Dichloropropylene	0.036	18
☐ Trans-1,3-Dichloropropylene	0.036	18
☐ Dieldrin	0.017	0.13
☐ Diethyl Phthalate	0.20	28
☐ 2-4-Dimethyl Phenol	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
☐ P-Dimethylaminoazobenzene+	0.13	NA
☐ Di-N-Propylnitrosamine	0.40	14
☐ 1,4-Dioxane	NA	170
☐ Diphenylamine	0.92	13
☐ Diphenylnitrosamine	0.92	13
☐ 1,2-Diphenylhydrazine	0.087	NA
☐ 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 (Propanenitrile)	0.24	360
☐ Ethyl Benzene*	0.057	10
☐ Ethyl Ether*	0.12	160
☐ Bis(2-Ethylhexyl) Phthalate	0.28	28
☐ Ethyl Methacrylate	0.14	160
☐ Ethylene Oxide	0.12	NA
☐ Famphur	0.017	15
☐ Fluoranthene	0.068	3.4
☐ Fluorene	0.059	3.4
☐ Heptachlor	0.0012	0.066
☐ Heptachlor Epoxide	0.016	0.066
☐ Hexachlorobenzene	0.055	10
☐ Hexachlorobutadiene	0.055	5.6
☐ Hexachlorocyclopentadiene	0.057	2.4
☐ HXCDDs (All Hexachlorodibenzo-P-Dioxins)	0.000063	0.001
☐ HXCDFs (All Hexachlorodibenzofurans)	0.000063	0.001
☐ Hexachloroethane	0.055	30
☐ Hexachloropropylene	0.036	30
☐ Indeno (1,2,3-C,D) Pyrene	0.0055	3.4
☐ Iodomethane	0.19	65
☐ Isobutyl Alcohol*	5.6	170
☐ Isodrin	0.021	0.066
☐ Isosafrole	0.081	2.6
☐ Kepone	0.0011	0.13
☐ Methacrylonitrile	0.24	84
☑ Methanol*	5.6	0.75 mg/l
☐ Methapyrilene	0.081	1.5
☐ Methoxychlor	0.25	0.18
☐ 3-Methylcholanthrene	0.0055	15
☐ 4,4-Methylene Bis(2-Chloroaniline)	0.50	30
☐ Methylene Chloride*	0.089	30
☑ Methyl Ethyl Ketone*	0.28	36
☑ Methyl Isobutyl Ketone*	0.14	33
☐ Methyl Methacrylate	0.14	160
☐ Methyl Methanesulfonate	0.018	NA
☐ Methyl Parathion	0.014	4.6
☐ Naphthalene	0.059	5.6
☐ 2-Naphthylamine	0.52	NA
☐ O-Nitroaniline+	0.27	14
☐ P-Nitroaniline	0.028	28

Constituents by Chemical Name	WW Conc.	NWW Conc.
☐ Nitrobenzene*	0.068	14
☐ 5-Nitro-O-Toluidine	0.32	28
☐ O-Nitrophenol+	0.028	13
☐ P-Nitrophenol	0.12	29
☐ N-Nitrosodiethylamine	0.40	28
☐ N-Nitrosodimethylamine	0.40	2.3
☐ N-Nitroso-Di-N-Butylamine	0.40	17
☐ N-Nitrosomethylethylamine	0.40	2.3
☐ N-Nitrosomorpholine	0.40	2.3
☐ N-Nitrosopiperidine	0.013	35
☐ N-Nitrosopyrrolidine	0.013	35
☐ Parathion	0.014	4.6
☐ Total PCBs	0.10	10
☐ Pentachlorobenzene	0.055	10
☐ PECDDs (All Pentachlorodibenzo-P-Dioxins)	0.000063	0.001
☐ PECDFs (All Pentachlorodibenzofurans)	0.000035	0.001
☐ Pentachloroethane+	0.055	6.0
☐ Pentachloronitrobenzene	0.055	4.8
☐ Pentachlorophenol	0.089	7.4
☐ Phenacetin	0.081	16
☐ Phenanthrene	0.059	5.6
☐ Phenol	0.039	6.2
☐ Phorate	0.021	4.6
☐ Phthalic Acid	0.055	28
☐ Phthalic Anhydride	0.055	28
☐ Pronamide	0.093	1.5
☐ Pyrene	0.067	8.2
☐ Pyridine*	0.014	16
☐ Safrole	0.081	22
☐ Silvex (2,4,5-Tp)	0.72	7.9
☐ 2,4,5-T (2,4,5-Trichlorophenoxyacetic Acid)	0.72	7.9
☐ 1,2,4,5-Tetrachlorobenzene	0.055	14
☐ TCDDs (All Tetrachlorodibenzo-P-Dioxins)	0.000063	0.001
☐ TCDFs (All Tetrachlorodibenzofurans)	0.000063	0.001
☐ 1,1,1,2-Tetrachloroethane	0.057	6.0
☐ 1,1,2,2-Tetrachloroethane	0.057	6.0
☐ Tetrachloroethylene*	0.056	6.0
☐ 2,3,4,6-Tetrachlorophenol	0.030	7.4
☑ Toluene*	0.080	10
☐ Toxaphene	0.0095	2.6
☐ Bromoform (Tribromomethane)	0.63	15
☐ 1,2,4-Trichlorobenzene	0.055	19
☑ 1,1,1-Trichloroethane*	0.054	6.0
☐ 1,1,2-Trichloroethane*	0.054	6.0
☐ Trichloroethylene*	0.054	6.0
☐ Trichloromonofluoromethane*	0.020	30
☐ 2,4,5-Trichlorophenol	0.18	7.4
☐ 2,4,6-Trichlorophenol	0.035	7.4
☐ 1,2,3-Trichloropropane	0.85	30
☐ 1,1,2-Trichloro-1,2,2-Trifluoroethane*	0.057	30
☐ Tris-(2,3-Dibromopropyl) Phosphate	0.11	0.10
☐ Vinyl Chloride	0.27	6.0
☑ Xylenes-Mixed Isomers(Sum Of O,M,&P)*	0.32	30
☐ Antimony	1.9	2.1 mg/l
☐ Arsenic	1.4	5.0 mg/l
☐ Barium	1.2	7.6 mg/l
☐ Beryllium	0.82	0.014 mg/l
☐ Cadmium	0.69	0.19 mg/l
☑ Chromium (Total)	2.77	0.86 mg/l
☐ Cyanides (Total)	1.2	590
☐ Cyanides (Amenable)	0.86	30
☐ Fluoride	35	NA
☐ Lead	0.69	0.37 mg/l
☐ Mercury-NWW From Retort	NA	0.20 mg/l
☐ Mercury-All Others	0.15	0.025 mg/l
☐ Nickel	3.98	5.0 mg/l
☐ Selenium	0.82	0.16 mg/l
☐ Silver	0.43	0.30 mg/l
☐ Sulfide	14	NA
☐ Thallium	1.4	0.078 mg/l
☐ Vanadium (Not An "UHC")	4.3	0.23 mg/l
☐ Zinc + (Not An "UHC")	2.61	5.3 mg/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 (+).

1/10/95