

WASTE PROFILE

Perma-Fix Nuclear Services: DSSI * M&EC * Perma-Fix of Florida * Perma-Fix Northwest

Profile Number

Generator Information:

EPA ID#	<input type="text"/>
Generator Name	<input type="text"/>
Generator Address	<input type="text"/>
City/State/Zip	<input type="text"/>
Telephone	<input type="text"/>
Fax	<input type="text"/>

Billing Information:

Electronic users: check here to copy Generator info, if same.

Broker/Site	<input type="text"/>
Address	<input type="text"/>
City/ST/Zip	<input type="text"/>
Telephone	<input type="text"/>
Fax	<input type="text"/>

Check all that apply

<input type="checkbox"/> Hazardous Waste - Include LDR-UHC Constituent Form	<input type="checkbox"/> TSCA Regulated PCB	<input type="checkbox"/> Radioactive Waste	<input type="checkbox"/> Non-Hazardous Waste
<input type="checkbox"/> Mercury >260 PPM	<input type="checkbox"/> Oxidizers	<input type="checkbox"/> PCB Bulk Products	<input type="checkbox"/> Universal Waste
<input type="checkbox"/> Elemental Mercury	<input type="checkbox"/> PCB Remediation Waste	<input type="checkbox"/> Used Oil Filter	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Reactives - specify: <input type="text"/>	<input type="checkbox"/> PCB Articles		

Please provide a detailed description of the process that generated this waste. Attach additional sheets if needed.

Note: for a line break, press alt-return.

Characterization Method: (check ONE only)

Laboratory Analysis MSDS Generator Knowledge

Physical Description: (check all that apply)

Solid Liquid Sludge Debris Labpack (add inventory form)

Other:

Volume: (include units: 30 liters, 5 gal., etc.) Gross Weight: (include units: 75 lbs, 10 kg, etc.) Container Type: Total Number of Containers:

Overpacked: Yes No US DOT Hazardous Material: Yes No Proper Shipping Name:

DOT Hazard Class: primary subsidiary

- This waste stream is subject to the Land Disposal Restriction of 40 CFR 268. (If checked, complete a Land Disposal Restriction Notification form)
- This waste stream contains Benzene. (If checked, complete the Benzene NESHAP Worksheet)
- This waste stream consists of off-spec used oil.
- This is a CERCLA waste.

For Broker Use Only

I certify the following:
The packages used to ship this material meet the requirements of 49 CFR 173 Subpart B (HazMat). This material will be inspected for consistency with the preapproved profile at the time of transportation.

<input type="text"/>	<input type="text"/>
Name	Date

CHEMICAL PROPERTIES AND COMPOSITION:

Percent Free Liquid: % (None=0%, all=100%) Percent Settled Solids: % (None=0%, all=100%) Viscosity: Centistokes

pH Actual: OR Range: to Specific Gravity Actual: OR Range: to

CERTIFICATION

I certify that all hazards, known or suspected, have been disclosed on this profile. Further I understand that a surcharge may be imposed for any material which is rejected or requires additional handling due to the material being inconsistent with the profile, improper or damaged containers, or improper shipping documents.

- Any sample submitted is representative as defined in 40 CFR 261-Appendix I or is obtained using an equivalent method.
- I authorize Perma-Fix to obtain a sample from any waste shipment for purposes of verification.

<input type="text"/>	<input type="text"/>	<input type="text"/>
Name	Title	Date

Perma-Fix Use Only

Accepted Accepted with the following conditions:

Rejected for the following reasons:

Designated Facility:

- DSSI
- M&EC
- PF Florida
- PFNW

Perma-Fix has all of the necessary permits and licenses for the waste that has been characterized and identified by this approved profile and accepted by Perma-Fix.

<input type="text"/>	<input type="text"/>	<input type="text"/>
Name	Title	Date

**PERMA-FIX ENVIRONMENTAL SERVICES
WASTE CODE INFORMATION**

Please list all D,F,K,P, U and WA State codes that this waste carries. WA state codes for PFNW only.

EPA Hazardous Waste Codes				

ADDITIONAL CHEMICAL CONSTITUENT DISCLOSURE

List any known chemical components that are not reported elsewhere in the profile.
 Attach additional sheets if necessary.
(Constituents should add up to 100%)

Chemical Constituents	Concen- tration	(Units)

Chemical Constituents	Concen- tration	(Units)

LAND DISPOSAL RESTRICTION & CERTIFICATION FORM

DSSI • M&EC • Perma-Fix of Florida • Perma-Fix Northwest

Generator Name

Generator Address

State Manifest No.

Generator USEPA ID No.

City/ST/Zip

Manifest Doc. No.

Instructions

- In Column 1 identify all USEPA hazardous waste codes that apply to this waste shipment.
- In Column 2, choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
- In Column 3, enter the appropriate Subcategory, if applicable, and also enter "Contaminated Soil" or "Debris" if the waste can be treated using one of the alternative treatment technologies provided by 268.49(c) (soil) or 268.45 (debris).
- In Column 4, circle the letter of the appropriate LDR management categories on the back of this form.
- In Column 5, enter the Reference Number(s) from the LDR-UHC Constituent Table for any constituents subject to treatment in your waste stream.

Go to LDR-UHC Constituent Table

Manifest Line Item #	1. USEPA HAZARDOUS WASTE CODES	2. NWW or WW	3. SUBCATEGORY	4. HOW MUST THE WASTE BE MANAGED (Check one)											5. REFERENCE NUMBER(s) of Hazardous Constituents contained in the waste.			
				A	B	C	D	E	F	G	H	Soil Only						
11.A		NWW													Does		is subject to	
		WW												Does Not		complies with		
11.B		NWW													Does		is subject to	
		WW												Does Not		complies with		
11.C		NWW													Does		is subject to	
		WW												Does Not		complies with		
11.D		NWW													Does		is subject to	
		WW												Does Not		complies with		

I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

<input type="text"/>	<input type="text"/>	<input type="text"/>
Generator Name	Title	Date

- THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. This waste must be treated to the applicable performance based treatment standard set forth in 40CFR Part 268 Subpart C, 268.32, Subpart D, 268.40 or RCRA Section 3004(d) prior to land disposal.
- THIS HAZARDOUS DEBRIS MAY BE TREATED USING THE DEBRIS ALTERNATIVE TREATMENT STANDARDS OF 40 CFR 268.45. I certify under penalty of law that I personally have examined and am familiar with the waste and that the statement above is true and that this waste meets the definition of debris and can be treated using the alternate methods specified in 40 CFR 268.45. I am aware that there are significant penalties for submitting a false certification including possibility of fine or imprisonment.
- THIS RESTRICTED WASTE HAS BEEN TREATED TO THE APPLICABLE TREATMENT STANDARD(S). 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 268 Subpart 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.
- THIS RESTRICTED DEBRIS HAS BEEN TREATED IN ACCORDANCE WITH 40 CFR 268.45. 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 false certification, including the possibility of a fine and imprisonment.
- THIS LAB PACK DOES NOT CONTAIN ANY WASTES IDENTIFIED AT APPENDIX IV TO PART 268. I certify under penalty of law that I personally have examined and am familiar with the waste and that the statement above is true and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification including possibility of fine or imprisonment.
- THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC. 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.
- THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC AND BEEN TREATED FOR UNDERLYING HAZARDOUS CONSTITUENTS. 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, and that underlying hazardous constituents, as defined in 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting false certification, including the possibility of fine and imprisonment.
- THIS RESTRICTED WASTE IS SUBJECT TO AN EXEMPTION FROM LAND DISPOSAL. (Please include the date the waste is subject to the prohibitions in Column 5) This waste is subject to an exemption from a prohibition on the type of land disposal method utilized for the waste (such as, but not limited to, a case-by-case extension under 40 CFR Part 268.5, or an exemption under 40 CFR 268.6.
- THIS CONTAMINATED SOIL (DOES / DOES NOT) CONTAIN LISTED HAZARDOUS WASTE AND (DOES / DOES NOT) EXHIBIT A CHARACTERISTIC OF HAZARDOUS WASTE AND (IS SUBJECT TO / COMPLIES WITH) THE SOIL TREATMENT STANDARDS AS PROVIDED BY 268.49(c) OR THE UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Resource Guide
Underlying Hazardous Constituent (UHC)
Land Disposal Restriction (LDR) Constituents

Ref #:	Hazardous Constituent	CAS NO.	NWW (mg/kg)	WW (mg/kg)	Concentration			
					11a	11b	11c	11d
1	Acenaphthene	83-32-9	3.4	0.059				
2	Acenaphthylene	208-96-8	3.4	0.059				
3	Acetone	67-64-1	160	0.28				
4	Acetonitrile	75-05-8	38	5.6				
5	Acetophenone	96-86-2	9.7	0.01				
6	2-Acetylaminofluorene	53-96-3	140	0.059				
7	Acrolein	107-02-8	NA	0.29				
8	Acrylonitrile	107-13-1	84	0.24				
9	Acrylamide	79-06-1	23	19				
10	Aldrin	309-00-2	0.066	0.021				
11	4-Aminobiphenyl	92-67-1	NA	0.13				
12	Aniline	62-53-3	14	0.81				
13	Anthracene	120-12-7	3.4	0.059				
14	Aramite	140-57-8	NA	0.36				
15	alpha-BHC	319-84-6	0.066	0.00014				
16	beta-BHC	319-85-7	0.066	0.00014				
17	delta-BHC	319-86-8	0.066	0.023				
18	gamma-BHC (Lindane)	58-89-9	0.066	0.0017				
19	Benz(a)anthracene	56-55-3	3.4	0.059				
20	Benzal chloride	98-87-3	6	0.055				
21	Benzene	71-43-2	10	0.14				
22	Benzo(a)pyrene	50-32-8	3.4	0.061				
23	Benzo(b)fluoranthene	205-99-2	6.8	0.11				
24	Benzo(k)fluoranthene	207-08-9	6.8	0.11				
25	Benzo(g,h,i)perylene	191-24-2	1.8	0.0055				
26	bis(2-Chloroethoxy)methane	111-91-1	7.2	0.036				
27	bis(2-Chloroethyl)ether	111-44-4	6	0.033				
28	bis(2-Chloroisopropyl) ether	39638-32-9	7.2	0.055				
30	Bromodichloromethane	75-27-4	1.5	0.35				
31	Bromomethane (Methyl bromide)	74-83-9	15	0.11				
32	4-Bromophenyl phenyl ether	101-55-3	15	0.055				
33	n-Butyl alcohol	71-36-3	2.6	5.6				
34	Butyl benzyl phthalate	85-68-7	28	0.017				
35	2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	2.5	0.066				
36	Carbon disulfide	75-15-0	4.8*	3.8				
37	Carbon tetrachloride	56-23-5	6	0.057				
38	Chlordane (alpha and gamma isomers)	57-74-9	0.26	0.0033				
39	p-Chloroaniline	106-47-8	16	0.46				
40	Chlorobenzene	108-90-7	6	0.057				
41	Chlorobenzilate	510-15-6	NA	0.1				
42	2-Chloro-1, 3-butadiene (Chloroprene)	126-99-8	0.28	0.057				
43	Chlorodibromomethane	124-48-1	15	0.057				
44	Chloroethane	75-00-3	6	0.27				
45	Chloroform	67-66-3	6	0.046				
46	p-Chloro-m-cresol	59-50-7	14	0.018				
47	2-Chloroethyl vinyl ether	110-75-8	NA	0.062				
48	Chloromethane (Methyl chloride)	74-87-3	30	0.19				
49	2-Chloronaphthalene	91-58-7	5.6	0.055				
50	2-Chlorophenol	95-57-8	5.7	0.044				
51	3-Chloropropylene (Allyl Chloride)	107-05-1	30	0.036				

Ref #:	Hazardous Constituent	CAS NO.	NWW (mg/kg)	WW (mg/kg)	Concentration			
					11a	11b	11c	11d
52	Chrysene	218-01-9	3.4	0.059				
53	o-Cresol (2-Methyl phenol)	95-48-7	5.6	0.11				
54	m-Cresol (3-Methyl phenol)	108-39-4	5.6	0.77				
55	p-Cresol (4-Methyl phenol)	106-44-5	5.6	0.77				
56	Cyclohexanone	108-94-1	0.75 *	0.36				
57	o,p'-DDD	53-19-0	0.087	0.023				
58	p,p'-DDD	72-54-8	0.087	0.023				
59	o,p'-DDE	3424-82-6	0.087	0.031				
60	p,p'-DDE	72-55-9	0.087	0.031				
61	o,p'-DDT	789-02-6	0.087	0.0039				
62	p,p'-DDT	50-29-3	0.087	0.0039				
63	Dibenz(a,h)anthracene	53-70-3	8.2	0.055				
64	Dibenz(a,e)pyrene	192-65-4	NA	0.061				
65	1,2-Dibromo-3-chloropropane	96-12-8	15	0.11				
66	1,2-Dibromoethane (Ethylene dibromide)	106-93-4	15	0.028				
67	Dibromomethane	74-95-3	15	0.11				
68	m-Dichlorobenzene (1,3-Dichlorobenzene)	541-73-1	6	0.036				
69	o-Dichlorobenzene (1,2-Dichlorobenzene)	95-50-1	6	0.088				
70	p-Dichlorobenzene (1,4-Dichlorobenzene)	106-46-7	6	0.09				
71	Dichlorodifluoromethane	75-71-8	7.2	0.23				
72	1,1-Dichloroethane	75-34-3	6	0.059				
73	1,2-Dichloroethane	107-06-2	6	0.21				
74	1,1-Dichloroethylene	75-35-4	6	0.025				
75	trans-1,2-Dichloroethylene	156-60-5	30	0.054				
76	2,4-Dichlorophenol	120-83-2	14	0.044				
77	2,6-Dichlorophenol	87-65-0	14	0.044				
78	2,4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	10	0.72				
79	1,2-Dichloropropane	78-87-5	18	0.85				
80	cis-1,3-Dichloropropylene	10061-01-5	18	0.036				
81	trans-1,3-Dichloropropylene	10061-02-6	18	0.036				
82	Dieldrin	60-57-1	0.13	0.017				
83	Diethyl phthalate	84-66-2	28	0.2				
84	p-Dimethylaminoazobenzene	60-11-7	NA	0.13				
85	2,4-Dimethyl phenol	105-67-9	14	0.036				
86	Dimethyl phthalate	131-11-3	28	0.047				
87	Di-n-butyl phthalate	84-74-2	28	0.057				
88	1,4-Dinitrobenzene	100-25-4	2.3	0.32				
89	4,6-Dinitro-o-cresol	534-52-1	160	0.28				
90	2,4-Dinitrophenol	51-28-5	160	0.12				
91	2,4-Dinitrotoluene	121-14-2	140	0.32				
92	2,6-Dinitrotoluene	606-20-2	28	0.55				
93	Di-n-octyl phthalate	117-84-0	28	0.017				
94	Di-n-propylnitrosamine	621-64-7	14	0.4				
95	1,4-Dioxane	123-91-1	170	12				
96	Diphenylamine	122-39-4	13	0.92				
97	Diphenylnitrosamine	86-30-6	13	0.92				
98	1,2-Diphenylhydrazine	122-66-7	NA	0.087				
99	Disulfoton	298-04-3	6.2	0.017				
100	Endosulfan I	959-98-9	0.066	0.023				
101	Endosulfan II	33213-65-9	0.13	0.029				
102	Endosulfan sulfate	1031-07-8	0.13	0.029				
103	Endrin	72-20-8	0.13	0.0028				
104	Endrin aldehyde	7421-93-4	0.13	0.025				
105	2-Ethoxyethanol (FO05)+			INCIN				

Ref #:	Hazardous Constituent	CAS NO.	NWW (mg/kg)	WW (mg/kg)	Concentration			
					11a	11b	11c	11d
106	Ethyl acetate	141-78-6	33	0.34				
107	Ethyl benzene	100-41-4	10	0.057				
108	Ethyl ether	60-29-7	160	0.12				
109	Ethyl methacrylate	97-63-2	160	0.14				
110	Ethylene oxide	75-21-8	NA	0.12				
111	Famphur	52-85-7	15	0.017				
112	Fluoranthene	206-44-0	3.4	0.068				
113	Fluorene	86-73-7	3.4	0.059				
114	Heptachlor	76-44-8	0.066	0.0012				
115	Heptachlor epoxide	1024-57-3	0.066	0.016				
116	Hexachlorobenzene	118-74-1	10	0.055				
117	Hexachlorobutadiene	87-68-3	5.6	0.055				
118	Hexachlorocyclopentadiene	77-47-4	2.4	0.057				
119	HxCDDs (All Hexachlorodibenzo-p-dioxin)	NA	0.001	0.000063				
120	HxCDFs (All Hexachlorodibenzofurans)	NA	0.001	0.000063				
121	Hexachloroethane	67-72-1	30	0.055				
122	Hexachloropropylene	1888-71-7	30	0.035				
123	Indeno (1,2,3-c,d) pyrene	193-39-5	3.4	0.0055				
124	Iodomethane	74-88-4	65	0.19				
125	Isobutyl alcohol (Isobutanol)	78-83-1	170	5.6				
126	Isodrin	465-73-6	0.066	0.021				
127	Isosafrole	120-58-1	2.6	0.081				
128	Kepone	143-50-0	0.13	0.0011				
129	Methacrylonitrile	126-98-7	84	0.24				
130	Methanol	67-56-1	0.75 *	5.6				
131	Methapyrilene	91-80-5	1.5	0.081				
132	Methoxychlor	72-43-5	0.18	0.25				
133	3-Methylchloroanthrene	56-49-5	15	0.0055				
134	4,4-Methylene bis (2-chloroaniline)	101-14-4	30	0.5				
135	Methylene chloride	75-09-2	30	0.089				
136	Methyl ethyl ketone	78-93-3	36	0.28				
137	Methyl isobutyl ketone	108-10-1	33	0.14				
138	Methyl methacrylate	80-62-6	160	0.14				
139	Methyl methanesulfonate	66-27-3	NA	0.018				
140	Methyl parathion	298-00-0	4.6	0.014				
141	Naphthalene	91-20-3	5.6	0.059				
142	2-Naphthylamine	91-59-8	N/A	0.52				
143	o-Nitroaniline	88-74-4	14	0.27				
144	p-Nitroaniline	100-01-6	28	0.028				
145	Nitrobenzene	98-95-3	14	0.068				
146	5-Nitro-o-toluidine	99-55-8	28	0.32				
147	o-Nitrophenol	88-75-5	13	0.028				
148	p-Nitrophenol	100-02-7	29	0.12				
149	2-Nitropropane (FO05)+			INCIN				
150	N-Nitrosodiethylamine	55-18-5	28	0.4				
151	N-Nitrosodimethylamine	62-75-9	2.3	0.4				
152	N-Nitroso-di-n-butylamine	924-16-3	17	0.4				
153	N-Nitrosomethylethylamine	10595-95-6	2.3	0.4				
154	N-Nitrosomorpholine	59-89-2	2.3	0.4				
155	N-Nitrosopiperidine	100-75-4	35	0.013				
156	N-Nitrosopyrrolidine	930-55-2	35	0.013				
157	Parathion	56-38-2	4.6	0.014				
158	Total PCBs	1336-36-3	10	0.1				
159	Pentachlorobenzene	608-93-5	10	0.055				

Ref #:	Hazardous Constituent	CAS NO.	NWW (mg/kg)	WW (mg/kg)	Concentration			
					11a	11b	11c	11d
160	PeCDDs (All Pentachlorodibenzo-p-dioxin)	NA	0.001	0.000063				
161	PeCDFs (All Pentachlorodibenzofurans)	NA	0.001	0.000035				
162	Pentachloroethane	76-01-7	6	0.055				
163	Pentachloronitrobenzene	82-68-8	4.8	0.055				
164	Pentachlorophenol	87- 86-5	7.4	0.089				
165	Phenacetin	62-44-2	16	0.081				
166	Phenanthrene	85-01-8	5.6	0.059				
167	Phenol	108-95-2	6.2	0.039				
168	Phorate	298-02-2	4.6	0.021				
169	Phthalic acid	100-21-0	28	0.055				
170	Phthalic anhydride	85-44-9	28	0.055				
171	Pronamide	23950-58-5	1.5	0.093				
172	Propanenitrile (Ethyl cyanide)	107-12-0	360	0.24				
173	Pyrene	129-00-0	8.2	0.067				
174	Pyridine	110-86-1	16	0.014				
175	Safrole	94-59-7	22	0.081				
176	Silvex (2,4,5-TP)	93-72-1	7.9	0.72				
177	1,2,4,5-Tetrachlorobenzene	95-94-3	14	0.055				
178	TCDDs (All Tetachlorodibenzo-p-dioxins)	NA	0.001	0.000063				
179	TCDFs (All Tetrachlorodibenzofurans)	NA	0.001	0.000063				
180	1,1,1,2-Tetrachloroethane	630-20-6	6	0.057				
181	1, 1,2,2-Tetrachloroethane	79-34-5	6	0.057				
182	Tetrachloroethylene	127-18-4	6	0.056				
183	2,3,4,6-Tetrachlorophenol	58-90-2	7.4	0.03				
184	Toluene	108-88-3	10	0.08				
185	Toxaphene	8001-35-2	2.6	0.0095				
186	Tribromomethane (Bromoform)	75-25-2	15	0.63				
187	1,2,4-Trichlorobenzene	120-82-1	19	0.055				
188	1, 1, 1 -Trichloroethane	71-55-6	6	0.054				
189	1, 1,2-Trichloroethane	79-00-5	6	0.054				
190	Trichloroethylene	79-01-6	6	0.054				
191	Trichloromonofluoromethane	75-69-4	30	0.02				
192	2,4,5-Trichlorophenol	95-95-4	7.4	0.18				
193	2,4,6-Trichlorophenol	88-06-2	7.4	0.035				
194	2,4,5-Trichlorophenoxyacetic acid/2,4,5-T	93-76-5	7.9	0.72				
195	1,2,3-Trichloropropane	96-18-4	30	0.85				
196	1,1,2-Trichloro- 2,2,2-trifluoroethane	76-13-1	30	0.057				
197	tris-(2,3-Dibromopropyl) phosphate	126-72-7	0.1	0.011				
198	Vinyl chloride	75-01-4	6	0.27				
199	Xylenes	1330-20-7	30	0.32				
200	Antimony	7440-36-0	1.15*	1.9				
201	Arsenic	7440-38-2	5.0 *	1.4				
202	Barium	7440-39-3	21 *	1.2				
203	Beryllium	7440-41-7	1.22 *	0.82				
204	Cadmium	7440-43-9	0.11 *	0.69				
205	Chromium (Total)	7440-47-3	0.60 *	2.77				
206	Cyanides (Total)	57-12-5	590	1.2				
207	Cyanides (Amenable)	57-12-5	30	0.86				
208	Fluoride	16984-48-8	NA	35				
209	Lead	7439-92-1	0.75 *	0.69				
210	Mercury (retort residues)	7439-97-6	0.2 *	NA				
211	Mercury (all others)	7439-97-6	0.025 *	0.15				
212	Nickel	7440-02-0	11 *	3.98				
213	Selenium	7782-49-2	5.7 **,	0.82				

Ref #:	Hazardous Constituent	CAS NO.	NWW (mg/kg)	WW (mg/kg)	Concentration			
					11a	11b	11c	11d
214	Silver	7440-22-4	0.14	0.43				
215	Sulfide	18496-25-8	NA	14				
216	Thallium	7440-28-0	0.2	1.4				
217	Vanadium	7440-62-2	1.6 ^{*,**}	4.3				
218	Zinc	7440-66-6	4.3 ^{*,**}	2.61				
220	Aldicarb sulfone	1646-88-4	0.28	0.056				
221	Barban	101-27-9	1.4	0.056				
222	Bendiocarb	22781-23-3	1.4	0.056				
224	Benomyl	17804-35-2	1.4	0.056				
225	Butylate	2008-41-5	1.4	0.042 ^{***}				
226	Carbaryl	63-25-2	0.14	0.006				
227	Carbenzadim	10605-21-7	1.4	0.056				
228	Carbofuran	1563-66-2	0.14	0.006				
229	Carbofuran phenol	1563-38-8	1.4	0.056				
230	Carbosulfan	55285-14-8	1.4	0.028				
231	m-Cumenyl methylcarbamate	64-00-6	1.4	0.056				
233	Diethylene glycol, dicarbamate	5952-26-1	1.4	0.056				
235	Dithiocarbarnates (total)	137-30-4	28	0.028				
236	EPTC	759-94-4	1.4	0.042				
237	Formetanate hydrochloride	23422-53-9	1.4	0.056				
241	Methiocarb	2032-65-7	1.4	0.056				
242	Methomyl	16752-77-5	0.14	0.028				
243	Metolcarb	1129-41-5	1.4	0.056				
244	Mexacarbate	315-18-4	1.4	0.056				
245	Molinate	2212-67-1	1.4	0.042				
246	Oxarnyl	23135-22-0	0.28	0.056				
247	Pebulate	1114-71-2	1.4	0.042				
249	Physostigmine	57-47-6	1.4	0.056				
250	Physostigmine salicylate	57-64-7	1.4	0.056				
251	Pronecarb	2631-37-0	1.4	0.056				
252	Propharn	122-42-9	1.4	0.056				
253	Propoxur	114-26-1	1.4	0.056				
254	Prosulfocarb	52888-80-9	1.4	0.042				
255	Thiodicarb	59669-26-0	1.4	0.019				
256	Thiophanate-methyl	23564-05-8	1.4	0.056				
258	Triallate	2303-17-5	1.4	0.042				
259	Triethylamine	101-44-8	1.5	0.081				
260	Vernolate	1929-77-7	1.4	0.042				

* "Concentration in mg/l TCLP"

** Not Underlying Hazardous Constituents. (See 60 FR, Jan. 3, 1995)

*** The preamble to the final rule (61 FR 15584) clearly indicates that the wastewater treatment standard for thiocarbamate constituents has been revised to 0.042mg/l. However, the '268.48 universal treatment standards table still shows 0.003 mg/l.

† These UTS levels are effective on August 24, 1998 as established in 63 FIR 28556-28753, the finalized Phase IV-Part 2 land disposal restrictions (LDR) rule.

BENZENE NESHAP QUESTIONNAIRE

DSSI • M&EC • Perma-Fix of Florida • Perma-Fix Northwest

Generator:

Profile Number:

1. Does the waste stream come from a facility with one of the following SIC codes listed under the NESHAP?

NESHAP SIC Codes

2812	2813	2816
2819	2821	2822
2823	2824	2833
2834	2835	2836
2841	2842	2843
2844	2851	2861
2865	2869	2873
2874	2875	2879
2891	2892	2893
2895	2899	2911
3087	3312	3861
3952	3999	4923
4924	4925	4931
4932	4939	4953
4959	7389	9511

- Yes Please go to the next question.
 No STOP. Please fill in your Name, Title and Date at the end of this form.

2. What is your facility's total annual benzene (TAB) quantity generated? (lb/yr)

3. For what calendar year was the TAB calculated?

4. What is the total Benzene concentration in your waste?

_____ percent _____ ppm weight _____ Unknown

Please attach analytical.

What acceptable EPA SW-846 or Water methods were used to analyze this waste?

- EPA SW-846 Method _____ or,
 Water Method _____, or
 Generator Knowledge, if generator knowledge, please attach a brief description.

5. Does this waste stream contain greater than 10% water?

- Yes
 No This waste stream is exempt.
 If yes, what is the average concentration? _____ %

Certification

I hereby certify, under penalty of law, that the above information is true, complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I will notify Perma-Fix if any of the information above changes.

<input type="text"/>	<input type="text"/>	<input type="text"/>
Name	Title	Date

PCB ADDENDUM

DSSI • M&EC • Perma-Fix of Florida • Perma-Fix Northwest

Generator:

Profile Number:

Waste Description

Please complete all sections of the table for each PCB waste stream

Physical Description of Waste (e.g., sludge, dielectric fluid)	Number/Type of Containers	Total PCB Waste Weight	Date Article Removed from Service for Disposal	Total PCB Concentration

Certification

I hereby certify, under penalty of law, that the above information is true, accurate and complete to the best of my knowledge.

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Name

Title

Date