

FORM 43 ANALYTICAL REQUIREMENTS
DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY
(DELCORA)

I hereby certify that I am knowledgeable of the waste identified on the Form 43 application prepared for DELCORA and that the parameter(s) identified below do not exceed the "Maximum Allowable Level".

NOTE: Please also attach sample results.

Name of Responsible Official: _____ Title: _____

Signature: _____ Date: _____

PARAMETER	MAXIMUM ALLOWABLE LEVEL	SAMPLE RESULTS
<u>TOTAL ANALYSIS</u>		
pH	5-11 s.u.	_____
Ignitability/Flashpoint	>150° F	_____
Sulfide, Reactive	200 mg/kg	_____
Cyanide, Reactive	25 mg/kg	_____
PCBs	Non-detect	_____
Phenolics (T)	100 mg/kg	_____
Total Solids	< 15%	_____
Total Suspended Solids	(1)	_____
Total Volatile Solids	(1)	_____
Total Oil & Grease/Petroleum hydrocarbons	150,000 mg/kg	_____
Arsenic (As)	50 mg/kg	_____
Barium (Ba)	(1)	_____
Beryllium (Be)	(1)	_____
Cadmium (Cd)	55 mg/kg	_____
Chromium (Cr)	2000 mg/kg	_____
Copper (Cu)	2850 mg/kg	_____
Lead (Pb)	550 mg/kg	_____
Mercury (Hg)	35 mg/kg	_____
Molybdenum (Mo)	75 mg/kg	_____
Nickel (Ni)	420 mg/kg	_____
Selenium (Se)	65 mg/kg	_____
Silver (Ag)	(1)	_____
Zinc (Zn)	5000 mg/kg	_____

Notes:

(1) No Limit at this time

(T) Total

PARAMETER	MAXIMUM ALLOWABLE LEVEL	SAMPLE RESULTS
<u>TCLP ANALYSIS</u>		
Metals		
Arsenic	0.5 mg/l	_____
Barium	10 mg/l	_____
Cadmium	0.1 mg/l	_____
Chromium	0.5 mg/l	_____
Copper	1.9 mg/l	_____
Lead	0.5 mg/l	_____
Mercury	0.02 mg/l	_____
Nickel	2.2 mg/l	_____
Silver	0.5 mg/l	_____
Zinc	3.0 mg/l	_____
Volatile Organics		
Benzene	<0.5 mg/l	_____
Carbon Tetrachloride	<0.5 mg/l	_____
Chloroform	5.0 mg/l	_____
1,2-Dichloroethane	<0.5 mg/l	_____
1,1-Dichloroethylene	<0.7 mg/l	_____
1,4-Dichlorobenzene	5.0 mg/l	_____
Methyl Ethyl ketone	5.0 mg/l	_____
Tetrachloroethylene	<0.7 mg/l	_____
Trichloroethylene	<0.5 mg/l	_____
Vinyl Chloride	<0.2 mg/l	_____
Chlorobenzene	5.0 mg/l	_____
Semi-Volatile Organics		
o-Cresol	5.0 mg/l	_____
m-Cresol	5.0 mg/l	_____
p-Cresol	5.0 mg/l	_____
2,4-Dinitrotoluene	<0.13 mg/l	_____
Hexachlorobenzene	<0.13 mg/l	_____
Hexachloro- 1,3-Butadiene	<0.5 mg/l	_____
Hexachloroethane	<3.0 mg/l	_____
Nitrobenzene	<2.0 mg/l	_____
Pentachlorophenol	5.0 mg/l	_____
2,4,5-Trichlorophenol	5.0 mg/l	_____
2,4,6-Trichlorophenol	<2.0 mg/l	_____
Pyridine	<5.0 mg/l	_____

PARAMETER	MAXIMUM ALLOWABLE LEVEL	SAMPLE RESULTS
Herbicides/Pesticides		
Chlordane	<0.03 mg/l	_____
Endrin	<0.02 mg/l	_____
Heptachlor	<0.008 mg/l	_____
Lindane	<0.4 mg/l	_____
Methoxychlor	5.0 mg/l	_____
Toxaphene	<0.5 mg/l	_____
2,4-D	5.0 mg/l	_____
2,4,5-TP (Silvex)	<1.0 mg/l	_____
Report Final TCLP pH	3 to 12 s.u.	_____

ASTM EXTRACTION ANALYSIS (Performed on the TCLP Leachate)

Oil & Grease / TPH	100 mg/l	_____
COD		_____
Ammonia-Nitrogen	100 mg/l	_____

Notes:

- (1) No Limit at this time