



**Thermal Treatment - Pre-Acceptance Criteria**  
**SOIL THERMAL TREATMENT FACILITIES**

**62-713**

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1. For sites which have an approved site assessment report according to the requirements of Chapter 62-770 F.A.C., existing data from the site assessment may be used, if documented on form 62-713.900 (3) in lieu of separate pretreatment analysis including Arsenic, Cadmium, Chromium, or Lead.
2. The sampling frequency contained in Table A (see attached) shall be the minimum allowed. Analyses shall be documented with the laboratory reports and the following test parameters shall be included:
  - a. Volatile Organic Halocarbons (VOH)
  - b. Total Recoverable Petroleum Hydrocarbons, TRPH (FLPRO)
  - c. Total analysis for Arsenic, Cadmium, Chromium, and Lead
  - d. For soils contaminated with used oil, analysis for Total Organic Halogens (TOX) shall also be required.
  - e. Soils contaminated with used oil, used hydraulic oil, used mineral oil, shall be analyzed for PCB concentrations. If PCB's equal to or greater than 2ppm and less than 50 ppm a sample of the oil source must be shown to have PCB concentrations of less than 50 ppm. If a sample cannot be obtained, a previous record of laboratory data to show PCB concentration may be used. If after a reasonable effort a previous record of laboratory data cannot be located, a basis for not being able to obtain this information shall be documented in writing.
3. Additional metals leachability testing. If the total concentration of a metal exceeds its concentration in Table B (see attached) then a TCLP test shall be run.

## 62-713-Soil Thermal Treatment Facilities Testing and Sampling Requirements

### I. Pre-Acceptance Testing Criteria-Two types

1. For Sites which have an approved site assessment report according to the requirements of Chapter 62-770 F.A.C., existing data from the site assessment may be used, if documented on form 62-713.900 (3) in lieu of separate pretreatment analysis including Arsenic, Cadmium, Chromium, or Lead.
2. Thermal Treatment Testing

<b>I) Preburns-Virgin</b>	Test Method	≥ Must Run TCLP
A) Volatile Organic Halocarbons	<b>8260B inpart, 8021B inpart</b>	
B) TRPH	FL-PRO	
C) Metals-Arsenic	<b>6010B, 7060A, 7061A, 6020</b>	100ppm
Cadmium	<b>6010B, 7180, 7131A, 6020</b>	20ppm
Chromium	<b>6010B, 7190, 7191, 6020</b>	100ppm
Lead	<b>6010B, 7420, 7421, 6020</b>	100ppm
<b>II) Preburn-Non-Virgin</b>		
A) Volatile Organic Halocarbons	<b>8260B inpart, 8021B inpart</b>	
B) TRPH	FL-PRO	
C) Metals-Arsenic	<b>6010B, 7060A, 7061A, 6020</b>	100ppm
Cadmium	<b>6010B, 7130, 7131A, 6020</b>	20ppm
Chromium	<b>6010B, 7190, 7191, 6020</b>	100ppm
Lead	<b>6010B, 7420, 7421, 6020</b>	100ppm
D) PCB	<b>8082, 8270 inpart</b>	
E) TOX	<b>9056, 9253</b>	
<b>III) Preburn – Non-Petroleum</b>		
A) Volatile Organic Compounds	<b>8260B, 8021B</b>	
B) Semi-Volatile Organic Compounds	8270C	
C) Metals-Arsenic	<b>6010B, 7060A, 7061A, 6020</b>	100ppm
Barium	<b>6010B, 7080A, 7081, 6020</b>	2000ppm
Cadmium	<b>6010B, 7130, 7131A, 6020</b>	20ppm
Chromium	<b>6010B, 7190, 7191, 6020</b>	100ppm
Lead	<b>6010B, 7420, 7421, 6020</b>	100ppm
Mercury	<b>7471A, 7472</b>	4ppm
Selenium	<b>6010B, 7740, 7741A, 6020, 7742</b>	20ppm
Silver	<b>6010B, 7760A, 7761, 6020</b>	100ppm
D) TRPH	<b>FL-Pro</b>	
E) Pesticides	8081A	

### II. Sampling-Number of samples required/site tonnage

**Table A.**

Amount of Soil by Weight, tons	Number of discrete samples required for Volatile Organics
< 140	1
140 to <700	3
700 to <1400	5
For each additional 700 tons	1

**Waste Processing Facility**  
**38627-007-SO/30**  
**Material Acceptance Criteria**

<b>Waste Type</b>	<b>Minimum Analyses</b>	<b>EPA Test Method</b>
Petroleum Contaminated Soil	Virgin Diesel Gasoline: TCLP Benzene Used Oil: TCLP Volatiles TCLP Metals	None  1311  1311 1311
Petroleum Contaminated Soil from Vehicle Accident and/or Spill	Virgin Diesel Gasoline: TCLP Benzene Used Oil: TCLP Benzene TCLP Arsenic Cadmium Chromium Lead	None  1311  1311 1311
Petroleum Contaminated Soil for Thermal Treatment	In accordance with 62-713	
Non-Virgin Processed or Waste Petroleum Contaminated Water (not regulated as PCW)	Analysis Determined on Case by Case	
Petroleum Tank Bottom Sludges	Diesel & Fuel Oils: Tank Certification Gasoline: Flashpoint TCLP Benzene TCLP Lead Used Oil: Flashpoint TCLP Volatiles TCLP Metals	   1010 1311 1311  1010 1311 1311
Petroleum Contaminated Water (contaminated with virgin product, not regulated as PCW)	MSDS	
Petroleum Contaminated sorbent materials (pads, booms, etc.)	Virgin Diesel Gasoline: TCLP Benzene Used Oil: TCLP Metals	None  1311  1311
Petroleum Contaminated sorbent materials (pads, booms, etc.) from Vehicle Accident and/or Spill	Virgin Diesel Gasoline: TCLP Benzene Used Oil: TCLP Benzene TCLP Arsenic Cadmium Chromium Lead	None  1311  1311 1311

**Waste Processing Facility  
38627-007-SO/30  
Material Acceptance Criteria**

Liquid, Sludges and/or Sediments from Car or Truck Wash sump cleanouts and oil/water separators	TCLP Benzene TCLP Arsenic Cadmium Chromium Lead	1311 1311
Oil/water separator sludges (other than car/truck washes)	Analysis Determined on Case by Case	
Soils and liquids, contaminated by virgin, non-hazardous materials, originating from accidental spills	MSDS	
IDW (soil, water, drilling muds) from sites contaminated by dry-cleaning solvents	Volatile Organics	601/602
Industrial Wastewater, IDW from non-petroleum, non-dry-cleaning sites	Analysis Determined on Case by Case	
Any non-RCRA regulated virgin chemical not listed above	MSDS Additional Analysis Determined on Case by Case	
Antifreeze	TCLP Benzene TCLP Lead TCLP PCE TCLP TCE	8240 7421 8240 8240
Latex paint and paint sludges	MSDS	
Inks and ink sludges	MSDS	
Empty containers, including aerosol cans which contained material acceptable by permit	MSDS	
Dry cell batteries, non-hazardous	MSDS	
Industrial solid wastes from non-petroleum, non-dry cleaning sites	Analysis Determined on Case by Case	

***Cleaning Earth... One ton at a Time***

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