



## GENERAL MATERIAL RECEIVING REQUIREMENTS

The CADMAN criteria for acceptance is based on Chapter 173-340 WAC "The Model Toxics Control Act," and the Washington State Department of Ecology's publication entitled "Guidance for Remediation of Releases From Underground Storage Tanks."

**Number of samples to be provided to CADMAN prior to acceptance of contaminated soil.**

<u>Cubic Yards of Soil</u>	<u>Minimum Number of Samples</u>
0 - 100	3
101 - 500	5
501 - 1,000	7
1,001 - 2,000	10
> 2,000	10 + 1 for each additional 500 cubic yards

### Analytical Data Requirements

<u>Contaminate</u>	<u>Analytical Method</u>
Heavy fuel hydrocarbons	NWTPH-D-EXTENDED
Diesel/Heating Oil	NWTPH-D-EXTENDED
cPAH's	EPA-8270
Gasoline	NWTPH-G
Gasoline	BTEX 8020

**\* Total RCRA Metals analysis is required from all sites other than residential properties\***

Note: Soils contaminated with used oil, hydraulic oil, mineral oil, or other waste oil shall be tested for Volatile Organic Aromatics (8020), and Volatile Organic Halogenated (8010), Volatile Organics (8240/8260), Total Metals (6010 or 7000 series) may be required if any of the total metals are above regulatory thresholds.



## LIMITS OF ACCEPTANCE FOR PETROLEUM CONTAMINATED SOIL

### CADMAN Class 3 Acceptance Limits For Petroleum Contaminated Soil To Be Thermally Treated

#### TPH

Heavy fuels	20,000 ppm
Diesel	20,000 ppm
cPAH's	5 ppm
Gasoline	15,000 ppm

#### RCRA METALS:

Lead	250 ppm
Arsenic	20 ppm
Cadmium	2 ppm
Chromium VI	19 ppm
Chromium III	2000 ppm
Mercury	2 ppm

### CADMAN Class 2 Acceptance Limits For Petroleum Contaminated Soil to Be Land-

#### Filled\*

#### TPH

Heavy Oils	460 ppm
Fuel Oils	460 ppm
cPAH's	0.1 ppm
Gasoline	100 ppm

#### BTEX:

Benzene	.03 ppm
Ethyl benzene	6 ppm
Toluene	7 ppm
Xylenes	9 ppm

\*Material that meets the class 2 criteria can be disposed of at CADMAN'S permitted class 2 landfill. Incoming material will be stockpiled and tested for conformation at CADMAN'S Thermal Treatment Facility.

**If the conformation analytical results do not meet the limits of class 2 as defined above it will be the customer's responsibility to either dispose of the material using CADMAN's Thermal Treatment Facility or provide loading and transport of the material to an alternate disposal facility.**

**In addition, CADMAN has several requirements relating to the receipt of material at our facility.**

- No material will be received without a completed contaminated soil application form, an approval of credit application on file, and pre-approval from CADMAN.
- Trucks will be permitted to weigh in Monday through Friday 6:30 AM to 4:30 PM unless prior arrangements have been made.
- Material will be sampled at delivery. Comparisons will be made between the submitted profile and on site analysis. CADMAN reserves the right to refuse any material whose profile does not compare to delivered material.
- Organic content (i.e. grass, sod, leaves, root debris, etc.) may not exceed 15%
- Soil must not contain any free liquids, or foreign material (i.e. rebar, fittings, cans, lumber, etc.)
- Loads found with excessive foreign material will be reloaded and returned to customer OR screened, sorted and disposed of by CADMAN @ \$6.00 per ton original load weight plus charges for off-site transportation and disposal.

**It is our sincere desire to provide you with complete service and technical support for your soil remediation needs.**