

**RCI & Toxicity Acceptance Criteria
(CCR Title 22)**

Non-Reactive	(Reactivity)
ف pH ≥ 2.0 or pH ≤ 12.5	(Corrosivity)
ف Flash Point ≥ 140°F (60°C)	(Ignitability)
ف Acute Aquatic 96-hour LC ₅₀ ≥ 500mg/l	(Toxicity)

(RCI & Toxicity sampling frequency is one 4:1 composite per 500 cubic yards)

**Metals Acceptance Criteria
(CCR Title 22)**

METAL	TTLIC (mg/kg)	STLC (mg/l)
ف Antimony (Sb)	500	15
ف Arsenic (As)	500	5
ف Barium (Ba)	10,000	100
ف Beryllium (Be)	75	0.75
ف Cadmium (Cd)	100	1
ف Chromium (Cr)	2,500	560/5
ف Cobalt (Co)	8,000	80
ف Copper (Cu)	2,500	25
ف Lead (Pb)	1,000	5
ف Mercury (Hg)	20	0.2
ف Molybdenum (Mo)	3,500	350
ف Nickel (Ni)	2,000	20
ف Selenium (Se)	100	1
ف Silver (Ag)	500	5
ف Thallium (Tl)	700	7
ف Vanadium (Va)	2,400	24
ف Zinc (Zn)	5,000	250

Please Note

- 1) Recology Ostrom Road Landfill reserves the right to require the generator to perform additional analytical testing
- 2) Minimum sampling frequency is one 4:1 composite per 250 cubic yards
- 3) Soil must be > 50% solids with no free liquids
- 4) Total concentrations cannot equal or exceed the TTLIC values. If total concentrations ³ 10x's the STLC, a WET (Waste Extraction Test) is required. Soluble concentration from the WET cannot equal or exceed the STLC values.
- 5) RCI and toxicity testing is required if TPH gasoline >8,000 mg/kg, TPH diesel > 8,000 mg/kg, TPH JP-8 >10,000 mg/kg, TPH JP-5 >8,000 mg/kg, TPH JP-4 >8,000 mg/kg, TPH hydraulic oil >25,000 mg/kg, TPH motor oil >25,000 mg/kg, TPH bunker C >25,000 mg/kg.
- 6) Recology Ostrom Road does not accept decommissioned radioactive waste.

Soil Analysis Guidelines

ف	Gasoline, Leaded	
TPH for low/med BP HC	EPA 5030 and 8015	
BTEX	EPA 8020 or 8260	
Lead	EPA 6010, 7240 or 7241	

ف	Gasoline, Unleaded	
TPH for low/med BP HC	EPA 5030 and 8015	
BTEX	EPA 8020 or 8260	

ف	Diesel	
TPH for high BP HC	EPA 3550 and 8015	
BTEX	EPA 8020 or 8260	

ف	Fuel Oil	
TPH for high BP HC	EPA 3550 and 8015	
BTEX	EPA 8020 or 8260	

ف	Jet Fuel (A, A-1)	
TPH for high BP HC	EPA 3550 and 8015	
BTEX	EPA 8020 or 8260	

ف	Jet Fuel (B, JP-1, 4, 5, 6, 8)	
TPH for low/med BP HC	EPA 5030 and 8015	
BTEX	EPA 8020 or 8260	

ف	Kerosene	
TPH for high BP HC	EPA 3550 and 8015	
BTEX	EPA 8020 or 8260	

ف	Product Oil, Lubricants	
TPH for high BP HC	EPA 3550 and 8015	
BTEX	EPA 8020 or 8260	

ف	Waste Oil	
TPH for high BP HC	EPA 3550 and 8015	
TPH for low/med BP HC	EPA 5030 and 8015	
Volatile Organics	EPA 8260	
Semivolatile Organics	EPA 8270	
PCBs	EPA 8080	
Cadmium, Chromium, Lead, Nickel, and Zinc	EPA 6010 or 7000	
Dioxins (if PCPs are detected)	EPA 8280	