

Clean Water Act (Wastewater Treatment)		
Inorganic	demand	biochemical oxygen demand (BOD)
		carbonaceous BOD
		chemical oxygen demand (COD)
		Dissolved oxygen
		total organic carbon (TOC)
	mineral	alkalinity
		chloride
		hydrogen-ion conc. (pH)
		specific conductance
	miscellaneous	sulfate
		ammonia-nitrogen
		oil and grease
		phenolics, total recoverable
		residual chlorine
	nutrient	sulfide
		temperature
		ammonia-nitrogen
		ammonia-nitrogen
		ammonia-nitrogen
	residue	nitrate-nitrogen
		nitrite-nitrogen
		phosphorus
		total organic nitrogen
	trace metal	filterable (TDS)
		nonfilterable (TSS)
		Total (TS)
		Volatiles (VS)
		Total, Fixed & Volatile Solids
		aluminum
		antimony
		arsenic
		barium
		beryllium
		boron
		cadmium
		calcium
		chromium
		chromium, hexavalent
	cobalt	
	copper	
	iron	
	lead	
	magnesium	
	manganese	
	mercury	
molybdenum		
nickel		
potassium		
sampling for low-level metals		
selenium		
silver		
sodium		
thallium		
vanadium		
zinc		
Microbiology	biosolids preparation	
	E. Coli	
	fecal coliform (MF)	
	fecal coliform (MPN)	

Safe Drinking Water Act		
Inorganic	demand	total and dissolved organic carbon
	mineral	alkalinity
		chloride
		fluoride
		hydrogen-ion conc. (pH)
		specific conductance
	miscellaneous	sulfate
		color
		residual chlorine
		temperature
		turbidity
	nutrient	nitrate-nitrogen
		nitrite-nitrogen
		orthophosphate
	residue	filterable (TDS)
	trace metal	aluminum
		antimony
		arsenic
		barium
		beryllium
		cadmium
		calcium
		chromium
		copper
		iron
		lead
		magnesium
		manganese
		mercury
		nickel
	selenium	
	silver	
	sodium	
	zinc	
	Microbiology	E. Coli confirmation
heterotrophic bacteria		
total coliform (MF)		
total Coliform/E. Coli (MPN)		

Solid & Hazardous Wastes			
Inorganic	demand	total organic carbon (TOC)	
	hazardous waste characteristics	ignitibility (Pensky Martens)	
		TCLP- bottle extraction	
	mineral	chloride	
		hydrogen-ion conc. (pH)	
	miscellaneous	sulfate	
		paint filter liquids test	
	trace metal	nutrient	nitrate-nitrogen
			nitrite-nitrogen
		aluminum	
		antimony	
		arsenic	
		barium	
		beryllium	
		boron	
		cadmium	
		calcium	
		chromium	
		chromium, hexavalent	
		cobalt	
		copper	
		iron	
	lead		
	magnesium		
	manganese		
mercury			
metals digestion			
molybdenum			
nickel			
potassium			
selenium			
silver			
thallium			
vanadium			
zinc			