

TRACE METALS

CWA (Clean Water Act), NPDES Monitoring, RCRA (Resource Conservation Recovery Act).
The following trace metals are analyzed in our lab or subcontracted depending on client method requested.

Aluminum (Al)	Iron (Fe)	Sodium (Na)
Antimony (Sb)	Lead (Pb)	Thallium (Tl)
Arsenic (As)	Magnesium (Mg)	Titanium (Ti) **
Barium (Ba)	Manganese (Mn)	Vanadium (V) **
Beryllium (Be)	Mercury (Hg)	Zinc (Zn)
Boron (B)	Molybdenum (Mo)	
Cadmium (Cd)	Nickel (Ni)	
Chromium (Cr)	Potassium (K)	
Cobalt (Co)	Selenium (Se)	
Copper (Cu)	Silver (Ag)	

Other Metals

Aluminum	EPA/SM
Arsenic - Water	EPA/SM
Arsenic III	MF / SM 3113 B
Boron (Total) *	EPA/SM
Chromium VI	SM 3500-Cr D
Cobalt *	EPA/SM
Mercury – Water	SM 3112 B
Mercury – Soil/Solids	EPA 7471A
Molybdenum	EPA/SM
Silver	EPA/SM
Thallium	EPA/SM
Titanium *	EPA/SM
Vanadium *	EPA/SM

Metals Packages

Arsenic Speciation

Total Arsenic, Arsenic III, Arsenic V

Chromium Speciation

Total Chromium, Chromium III, Chromium VI

RCRA Metals (8)

Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver

SM 1311 B

TCLP Metals (8) (includes extraction & sample prep) *

Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver

EPA 6010B/7470A

¥ ALC NELAC/ORELAP accredited

* Analysis subcontracted to another laboratory

BIOSOLIDS

Depending on your needs, call for quote if more or less than complete package is needed

Biosolids Part 503 Package: EPA/SM

STORM WATER AND WASH WATER – CWA – NPDES MONITORING

Contact us for quote based on your permit requirements. We also offer additional services (collection, tracking, and reporting) should you need a quote for those services.

ENVIRONMENTAL TESTING

Hydrocarbon Analyses (RCRA)

NWHCID (Hydrocarbon Identification) in Soil or Water *	OR DEQ
NWTPH-HCID- Dx (Diesel/Lube Oil) in Soil or Water *	OR DEQ
NWTPH-HCID-Gx (Gasoline) in Soil or Water *	OR DEQ

Organic Chemical Analysis

SVOCs - Semi-Volatile Organic Compounds *	
Base Neutral & Acids (BNA) *	EPA 8270C
Pentachlorophenol & Tetrachlorophenol	EPA 625/EPA 8270C
Phenol *	EPA 625/ EPA 8270C
PAHs – Polynuclear Aromatic Hydrocarbons*	EPA 8081A
Polychlorinated Byphenols *	
PCBs only in oil *	EPA 8082
PCBs only in soil/sludge *	EPA 8082
PCBs only in water *	EPA 8082

VOCs (Volatile Organic Compounds) (RCRA)

VOCs in Water *	EPA 8260B
VOC BTEX in Water *	EPA 8260B

Wastewater - Influent and Effluent Analyses

Ammonia-N	SM 4500-NH3 D
Anions by Ion Chromatography	EPA 300.0
Chloride, Nitrate, Nitrite, Sulfate	
Fluoride	
Nitrate + Nitrite + N	
BOD (Biological Oxygen Demand)	SM 5210B
CBOD (Carbonaceous Biological Oxygen Demand)	SM 5210B
COD (Chemical Oxygen Demand)	Hach 8000
Cyanide, Total	SM 4500-CN CE

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Hardness	SM 2340C
Oil & Grease	
Gravimetric HEM Total	EPA 1664A
SGT-HEM NPM	EPA 1664A
Orthophosphate Phosphorus	EPA 300.0
Phenolics, Total	EPA 420.1
pH (Hydrogen Ion)	SM 4500 H+B
SS (Settleable Solids)	SM 2540F
TKN (Total Kjeldahl Nitrogen)	SM 4500-Norg B
Phosphorus, Total	EPA 365.3
TSS (Total Suspended Solids)	SM 2540D
VSS (Volatile Suspended Solids)	SM 2540E