

### Matrix: **Aqueous**

#### Oxygen Demand assays (BOD or cBOD)

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetric or Nephelometric (turbidimetric)

- Alkalinity
- Ammonia as N
- Boron
- Chemical Oxygen Demand
- Chloride
- Chromium (Hexavalent)
- Cyanide, Amenable
- Cyanide, Total
- Hardness, Total as CaCO<sub>3</sub>
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Silica
- Sulfate
- Surfactants

#### Electrometric Assays (probe, ISE)

- Ammonia as N

#### Gravimetric Assays - Residue (solids)

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetric Assays - Hexane Extractable Materials (HEM)

- Oil&Grease, Hexane Ext. Material

#### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetric or Potentiometric Titration Assays

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Calcium
- Hardness, Total as CaCO<sub>3</sub>
- Sulfide
- Sulfite

#### Cold Vapor Atomic Absorption or Hydride

#### Spectrometry

- Mercury

#### Flame Atomic Absorption Spectrophotometry

- Aluminum
- Antimony
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>

- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

#### Graphite Furnace Atomic Absorption Spectrometry

- Aluminum
- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Tin
- Vanadium

### Matrix: **Drinking Water**

#### Primary Inorganic Contaminants (Non-Metals)

- Cyanide - EPA 335.4
- Fluoride - EPA 300.0
- Nitrate - EPA 300.0
- Nitrite - EPA 300.0

#### Primary Inorganic Contaminants (Metals)

- Antimony - Std Methods 3113B (18 or 19)
- Arsenic - Std Methods 3113B (18 or 19)
- Barium - Std Methods 3111D (18 or 19)
- Beryllium - Std Methods 3113B (18 or 19)
- Cadmium - Std Methods 3113B (18 or 19)
- Chromium - Std Methods 3113B (18 or 19)

- Copper - Std Methods 3111B (18 or 19)
- Lead - Std Methods 3113B (18 or 19)
- Mercury - EPA 245.1
- Nickel - Std Methods 3113B (18 or 19)
- Selenium - Std Methods 3113B (18 or 19)

#### Secondary Contaminants (Non-Metals)

- Sulfate - EPA 300.0

#### Secondary Contaminants (Metals)

- Sodium - Std Methods 3111B (18 or 19)

### Matrix: **Solid**

#### Colorimetric or Nephelometric (turbidimetric)

- Ammonia as N
- Boron
- Chloride

- Chromium (Hexavalent)
- Cyanide, Amenable
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfate

#### Gravimetric Assays - Residue (solids)

- **Residue, Total**

#### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetric or Potentiometric Titration Assays

- Calcium
- Chemical Oxygen Demand
- Sulfide

#### Cold Vapor Atomic Absorption or Hydride

#### Spectrometry

- Mercury

#### Flame Atomic Absorption Spectrophotometry

- Aluminum
- Antimony
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

#### Graphite Furnace Atomic Absorption Spectrometry

- Aluminum
- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Molybdenum

- Nickel
- Selenium
- Silver
- Thallium
- Tin
- Vanadium

Waste Characterization Extractions

- TCLP Extraction

Waste Characterization Assays

- Ignitability, Pensky-Martens Closed Cup