

**Biological and Water Quality Assessment DuPage River and Salt Creek Watersheds
Water and Sediment Chemistry Analysis Parameters**

Demand Parameters

5 Day BOD
Chloride
Conductivity
Dissolved Oxygen
pH
Temperature
Total Dissolved Solids
Total Suspended Solids

Nutrients

Ammonia
Nitrate
Nitrite
Nitrogen ó Total Kjeldahl (TKN)
Phosphorus, Total

Metals

Cadmium
Calcium
Copper
Iron
Lead
Magnesium
Zinc

Organics – Water

PCBS
Pesticides
Semivolatile Organics
Volatile Organics

Sediment Metals

Arsenic
Barium
Cadmium
Chromium
Copper
Iron
Lead
Manganese
Nickel
Potassium
Silver
Zinc
Phosphorus

Sediment Organics

Organochlorine Pesticides
PCBS
Percent Moisture
Semivolatile Organics
Volatile Organic Compounds