



## Water Supply (WS) Study Parameters

### Trace Metals

Aluminum	Lead
Antimony	Magnesium
Arsenic	Manganese
Barium	Mercury
Beryllium	Nickel
Cadmium	Selenium
Calcium	Silver
Chromium	Sodium
Copper	Thallium
Iron	Zinc

### Inorganic Parameters

Chloride
Fluoride
Nitrate-Nitrogen
Nitrite-Nitrogen
Nitrate-Nitrite as N
Orthophosphate
Alkalinity
Calcium-Hardness
Cyanide
Hydrogen-Ion Conc. (pH)
Residual Chlorine
Specific Conductance
Sulfate
Residue, Filterable (TDS)
Total Organic Carbon (TOC)
Turbidity
Bromate
Bromide
Chlorite

### Microbiology

Total Coliform (Presence/Absence)
Fecal Coliform (Presence/Absence)
E. coli (Presence/Absence)
E. coli (MF)
Fecal Coliform (MF)
Total Coliform (MF)
E. coli (MPN - Multiple Tube)
E. coli (MPN - Multiple Well)
Fecal Coliform (MPN - Multiple Tube)
Fecal Coliform (MPN - Multiple Well)
Total Coliform (MPN - Multiple Tube)
Total Coliform (MPN - Multiple Well)
Heterotrophic Plate Count
Cryptosporidium

### Miscellaneous

Asbestos
Surfactants-MBAS
UV254 Absorbance

### Radiologicals

Iodine-131
Gross Alpha
Gross Beta
Radium-226
Radium-228
Strontium-89
Strontium-90
Tritium
Uranium

### Gamma Emitters (all five must be correct to be certified)

Barium-133
Cesium-134
Cesium-137
Cobalt-60
Zinc-65

### SOCs

Diquat
Endothall
Glyphosate
Di (2-ethylhexyl) Adipate
Di (2-ethylhexyl) Phthalate
Benzo(a)pyrene
Aldicarb
Aldicarb Sulfone
Aldicarb Sulfoxide
Carbaryl
Carbofuran
3-Hydroxycarbofuran
Methomyl
Oxamyl (vydate)
EDB and DBCP (must get both correct to be certified)

### Herbicides

Acifluorfen
2,4-D
Dalapon
Dicamba
Dinoseb
Pentachlorophenol
Picloram
2,4,5-TP (Silvex)

### Organic Groups

(80% and vinyl chloride must be correct to be approved for these groups of analytes - volatiles and haloacetic acids only)

### Volatiles

Benzene
Carbon Tetrachloride
Chlorobenzene
1,2-dichlorobenzene
1,4-dichlorobenzene
1,2-dichloroethane
1,1-dichloroethylene
Cis-1,2-dichloroethylene
Trans-1,2-dichloroethylene
Dichloromethane
1,2-dichloropropane
Ethylbenzene
Styrene
Tetrachloroethylene
Toluene
1,2,4-trichlorobenzene
1,1,1-trichloroethane
1,1,2-trichloroethane
Trichloroethylene
Total Xylenes
Vinyl Chloride

### Haloacetic Acids

Dibromoacetic Acid
Dichloroacetic Acid
Monobromoacetic Acid
Monochloroacetic Acid
Trichloroacetic Acid

### Trihalomethanes (All four trihalomethanes must be analyzed correctly to be certified)

Bromodichloromethane
Bromoform
Chloroform
Dibromochloromethane

### Dioxin

2,3,7,8-Tetrachlorodibenzodioxin
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### PCBs

Decachlorobiphenyl
PCB Aroclor Identification

### Additional Volatiles

Bromobenzene
Bromochloromethane
Bromomethane
n-Butylbenzene
Sec-Butylbenzene
Tert-Butylbenzene
Chloroethane
Chloromethane
2-Chlorotoluene
4-Chlorotoluene
Dibromomethane
1,3-Dichlorobenzene
Dichlorodifluoromethane
1,1-Dichloroethane
1,3-Dichloropropane
2,2-Dichloropropane
1,1-Dichloropropene
Cis-1,3-Dichloropropene
Trans-1,3-Dichloropropene
Hexachlorobutadiene
Isopropylbenzene
4-Isopropyltoluene
Methyl-tert-butylether (MTBE)
Naphthalene
n-Propylbenzene
1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane
1,2,3-Trichlorobenzene
Trichlorofluoromethane
1,2,3-Trichloropropane
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene

### Pesticides

Alachlor
Aldrin
Atrazine
Chlordane (total)
Dieldrin
Endrin
Heptachlor
Heptachlor Epoxide
Hexachlorobenzene
Hexachlorocyclopentadiene
Lindane
Methoxychlor
Propachlor
Simazine
Toxaphene
Trifluralin