

Water Supply (WS) Study Parameters

Trace Metals

Aluminum
Antimony
Arsenic
Barium
Beryllium
Cadmium
Calcium
Chromium
Copper
Iron
Lead
Magnesium
Manganese
Mercury
Nickel
Selenium
Silver
Sodium
Thallium
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)
Total Coliform (Enumeration)
Fecal Coliform/E. Coli (Enumeration)
Heterotrophic Plate Count
Cryptosporidium

Miscellaneous

Asbestos
Surfactants-MBAS (2013)
UV254 Absorbance (2013)

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

PCBs

Decachlorobiphenyl
PCB Aroclor Identification

Additional Volatiles (2017)

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