

Appendix A 3745-9-09

Required Analyses for Wells Utilized by Community Public Water Systems

Inorganic

Alkalinity, total (as CaCO ₃)	Cyanide	Nitrite-(as N)
Antimony, total	Fluoride, total	pH
Arsenic, total	Iron, total	Selenium, total
Barium, total	Lead, total	Silver, total
Beryllium, total	Magnesium, total	Sodium, total
Cadmium, total	Manganese, total	Sulfate
Calcium, total	Mercury, total	Thallium, total
Chloride	Nickel, total	Total Dissolved Solids
Chromium, total	Nitrate-(as N)	Zinc, total
Copper, total	Nitrate-Nitrite-(as N)	

Radiological

Gross Alpha	
Gross Beta	
Radium-228	
Radium-226	(if either gross alpha analysis exceeds 5pCi/L or radium-228 analysis exceeds 1 pCi/L)
Uranium	(if gross alpha analysis exceeds 15 pCi/L)

Synthetic Organic Chemicals (SOC)

Alachlor
Atrazine
Simazine

Bacteria Standards

Total Coliform (2 samples collected at least 30 min. apart)	1 Positive = Standard Exceeded
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Volatile Organic Chemicals (VOC)

Benzene	Ethylbenzene	trans-1,2-Dichloroethene (or –ethylene)
Carbon Tetrachloride (tetrachloromethane)	Monochlorobenzene (chlorobenzene)	Trichloroethene (or –ethylene)
cis-1,2-Dichloroethene (or –ethylene)	ortho-Dichlorobenzene (1,2-Dichlorobenzene)	1,1,1-Trichloroethane (methyl chloroform)
Dichloromethane (methylene chloride)	para-Dichlorobenzene 1,4-Dichlorobenzene	1,2,4-Trichlorobenzene
1,1-Dichloroethene (or –ethylene, 1,1-DCE)	Styrene	1,1,2-Trichloroethane
1,2-Dichloroethane	Tetrachloroethene (or –ethylene, perchloroethylene)	Vinyl Chloride
1,2-Dichloropropane	Toluene	Xylenes, total

Per- and polyfluoroalkyl Substances (PFAS)

<u>Analyte</u>	<u>Abbreviation</u>	<u>CASRN</u>
<u>Hexafluoropropylene oxide dimer acid</u>	<u>HFPO-DA</u>	<u>13252-13-6</u>
<u>Perfluorobutanesulfonic acid</u>	<u>PFBS</u>	<u>375-73-5</u>
<u>Perfluorohexanesulfonic acid</u>	<u>PFHxS</u>	<u>355-46-4</u>
<u>Perfluorononanoic acid</u>	<u>PFNA</u>	<u>375-95-1</u>
<u>Perfluorooctanoic acid</u>	<u>PFOA</u>	<u>335-67-1</u>
<u>Perfluorooctanesulfonic acid</u>	<u>PFOS</u>	<u>1763-23-1</u>