

Required Analysis for Surface Water Sources

Inorganic (quarterly testing)

Total dissolved solids	Sulfate
Calcium	Chloride
Magnesium	Fluoride
Iron	MBSA
Manganese	Asbestos
Nitrogen ammonia	Nitrite
Nitrate	Sodium

Heavy metals (quarterly testing)

Arsenic	Antimony
Barium	Beryllium
Cadmium	Cyanide
Chromium	Nickel
Lead	Thallium
Mercury	Silver
Selenium	Zinc

Radiological (quarterly testing)

Total alpha	
Total beta	

Volatile organic compounds (VOCs)

One sample taken initially in May, June, or July; quarterly if any detects.

Synthetic organic compounds or SOC's (May, June, or July)

alachlor	endrin
aldicarb	ethylene dibromide (EDB)
aldicarb sulfone	glyphosate
aldicarb sulfoxide	heptachlor
atrazine	heptachlor epoxide
carbofuran	lindane
chlordan	methoxychlor
2,4-D	metolachlor
2,4,5-TP (silvex)	oxamyl (vydate)
dalapon	pentachlorophenol
dibromochloropropane (DBCP)	picloram
dinoseb	polychlorinated biphenyls (PCB)
diquat	simazine
endothall	toxaphene

PFAS (quarterly testing)

PFOA	PRNA
PFOS	HFPO-DA (GenX)
PFHxS	PFBS

Disinfection byproducts

total trihalomethane simulated distribution system (TTHM-SDS) test (quarterly)	SUVA (monthly)
haloacetic acid simulated distribution system (HAA-SDS) test (quarterly)	UV absorbance (monthly)
total organic carbon (monthly)	total alkalinity (monthly)
pH (monthly)	

Microbiological

total coliform (monthly)	Cryptosporidium (twice per month for 12 months)
fecal coliform (monthly)	

Physical (daily)

Turbidity	
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