

Recommended Water Treatment Technology		Activated Carbon Filters (granular)	Activated Carbon Filters (solid block & granular)	Activated Alumina Filters	Aeration	Anion Exchange	Cation Exchange Softening	Distillation (e.g., chlorination or ultraviolet light)	Distillation	Reverse Osmosis
Arsenic (0.05 mg/L)					X		X			X X
Asbestos (10 pm/L)				X						X X
Atrazine (0.003 mg/L)	X	X								(*) X
Benzene (0.005 mg/L)	X	X				X				(*) (*)
Fluoride (4.0 mg/L)					X					X X
Lead (0.015 mg/L)				X				X		X X
Mercury (0.002 mg/L)	X	X					X			X X
Nitrate (10.0 mg/L)							X			X X
Trichloroethylene (0.005 mg/L)	X	X				X				X (*)
Total Trihalomethanes (0.10 mg/L)	X	X				X				X (*)
Radium (20 pCi/L)								X		X X
Radon (300 pCi/L)	X					X				(*) (*)
Coliform Bacteria (zero in 95% of samples)									X	X
Cryptosporidium				X						X X

Note: mg/L = milligrams per liter
pCi/L = Pico Curies per liter

(*) Additional treatment for these contaminants is provided through the carbon filters that are usually part of distillation and reverse osmosis systems.

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	Activated Carbon Filters	Anion Exchange	Cation Exchange Softening	Chlorination	Distillation	Oxidation & Filtration	Reverse Osmosis	Special Filters to Meet Specific Needs
Corrosion (green stains, reddish-brown stains)								X
Metallic Taste (iron, manganese, copper oxide, sulfide)				X	X	X	X	X
Objectionable Taste	X					X	X	X
Turbidity (cloudy or dirty look)								X
Soap Residue (bath tub ring, dingy fabrics, irritated skin)				X				
Scale Buildup (plumbing, water heaters)				X				
Objectionable Odor (rotten eggs, chlorine, other odors)	X						X	(*) X
Color (reddish-brown, black sediment, iron stains)	X	X	X	X	X	X	X	X

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