

TABLE 1
BEST AVAILABLE TECHNOLOGY FOR INORGANIC CONTAMINANTS

CONTAMINANT	BEST AVAILABLE TECHNOLOGY (BAT)
Antimony	Coagulation/filtration ¹ Reverse osmosis
Arsenic	Reserved
Asbestos	Coagulation/filtration ¹ Direct and diatomite filtration Corrosion control
Barium	Ion exchange Lime softening ¹ Reverse osmosis Electrodialysis
Beryllium	Activated alumina Coagulation/filtration ¹ Lime softening ¹ Ion exchange Reverse osmosis
Cadmium	Coagulation/filtration Ion exchange Lime softening ¹ Reverse osmosis
Chromium	Coagulation/filtration ¹ Ion exchange Lime softening ^{1,3} Reverse osmosis
Cyanide	Ion exchange Chlorine oxidation Reverse osmosis
Fluoride	Reverse osmosis Activated alumina absorption
Lead	Reserved
Mercury	Coagulation/filtration ^{1,2} Lime softening ^{1,2} Reverse osmosis ² Granular activated carbon
Nickel	Lime softening ¹ Ion exchange Reverse osmosis
Nitrate	Ion exchange Reverse osmosis Electrodialysis

CONTAMINANT	BEST AVAILABLE TECHNOLOGY (BAT)
Nitrite	Ion exchange Reverse osmosis
Selenium	Coagulation/filtration ^{1,4} Lime softening ¹ Reverse osmosis Activated alumina Electrodialysis
Sodium	Reserved
Thallium	Activated alumina Ion exchange

¹ Not BAT for systems with less than 500 service connections.

² BAT only if influent mercury concentrations are less than or equal to 10 micrograms per liter.

³ BAT for Chromium III only.

⁴ BAT for Selenium IV only.

TABLE 2
BEST AVAILABLE TECHNOLOGY FOR DISINFECTION BYPRODUCTS

CONTAMINANT	BEST AVAILABLE TECHNOLOGY
Total Trihalomethanes	Enhanced coagulation with chlorine as the primary and residual disinfectant. Enhanced softening with chlorine as the primary and residual disinfectant. GAC 10 with chlorine as the primary and residual disinfectant.
Haloacetic acids (five)	Enhanced coagulation with chlorine as the primary and residual disinfectant. Enhanced softening with chlorine as the primary and residual disinfectant. GAC 10 with chlorine as the primary and residual disinfectant.
Bromate	Control of ozone treatment process to reduce production of bromate.
Chlorite	Control of treatment processes to reduce disinfectant demand and control of disinfection treatment processes to reduce disinfectant levels.

TABLE 3
BEST AVAILABLE TECHNOLOGY FOR ORGANIC CONTAMINANTS

CONTAMINANT	BEST AVAILABLE TECHNOLOGY
1,1-Dichloroethylene	Granular activated carbon Packed tower aeration
1,1,1-Trichloroethane	Granular activated carbon Packed tower aeration
1,1,2-Trichloroethane	Granular activated carbon Packed tower aeration
1,2-Dichloropropane	Granular activated carbon Packed tower aeration
1,2-Dichloroethane	Granular activated carbon Packed tower aeration
1,2,4-Trichlorobenzene	Granular activated carbon Packed tower aeration
2,3,7,8-TCDD (Dioxin)	Granular activated carbon
2,4-D	Granular activated carbon
2,4,5-TP (Silvex)	Granular activated carbon
Alachlor	Granular activated carbon
Atrazine	Granular activated carbon
Benzene	Granular activated carbon Packed tower aeration
Benzo(a)pyrene	Granular activated carbon
Carbofuran	Granular activated carbon
Carbon tetrachloride	Granular activated carbon Packed tower aeration
Chlordane	Granular activated carbon
cis-1,2-Dichloroethylene	Granular activated carbon Packed tower aeration
Dalapon	Granular activated carbon
Di(2-ethylhexyl)adipate	Granular activated carbon Packed tower aeration
Di(2-ethylhexyl)phthalate	Granular activated carbon
Dibromochloropropane (DBCP)	Granular activated carbon Packed tower aeration
Dichloromethane	Packed tower aeration

CONTAMINANT	BEST AVAILABLE TECHNOLOGY
Dinoseb	Granular activated carbon
Diquat	Granular activated carbon
Endothall	Granular activated carbon
Endrin	Granular activated carbon
Ethylbenzene	Granular activated carbon Packed tower aeration
Ethylene dibromide (EDB)	Granular activated carbon Packed tower aeration
Glyphosate	Oxidation (chlorine or ozone)
Heptachlor epoxide	Granular activated carbon
Heptachlor	Granular activated carbon
Hexachlorobenzene	Granular activated carbon
Hexachlorocyclopentadiene	Granular activated carbon Packed tower aeration
Lindane	Granular activated carbon
Methoxychlor	Granular activated carbon
Monochlorobenzene	Granular activated carbon Packed tower aeration
o-Dichlorobenzene	Granular activated carbon Packed tower aeration
Oxamyl (vydate)	Granular activated carbon
para-Dichlorobenzene	Granular activated carbon Packed tower aeration
Pentachlorophenol	Granular activated carbon
Picloram	Granular activated carbon
Polychlorinated biphenyls (PCBs)	Granular activated carbon
Simazine	Granular activated carbon
Styrene	Granular activated carbon Packed tower aeration
Tetrachloroethylene	Granular activated carbon Packed tower aeration
Toluene	Granular activated carbon Packed tower aeration
Toxaphene	Granular activated carbon

CONTAMINANT	BEST AVAILABLE TECHNOLOGY
trans-1,2-Dichloroethylene	Granular activated carbon Packed tower aeration
Trichloroethylene	Granular activated carbon Packed tower aeration
Vinyl chloride	Packed tower aeration
Xylenes (total)	Granular activated carbon Packed tower aeration