

eSpring Effectively Reduces Over 170 Contaminants

NSF/ANSI Standard 42 Aesthetic Effects

Particulates-Class I
Chlorine Taste and Odor
Chloramine

NSF/ANSI Standard 53 Health Effects

Asbestos
Lead
Mercury
Chlordane
Methyl tert-butyl ether (MTBE)
Radon
Toxaphene
Microcystin
Mechanical Cyst
PFOA/PFOS
1,2,3-Trichloropropane
VOC's

NSF/ANSI Standard 401 Emerging Compounds/ Incidental Contaminants

Meprobamate
Phenytoin
Atenolol
Carbamazepine
TCEP
TCPP
DEET
Metolachlor
Trimethoprim
Ibuprofen
Naproxen
Estrone
Bisphenol A
Linuron
Nonylphenol
Microplastics

Organic Chemicals Included by Surrogate Testing

Alachlor
Atrazine
Benzene
Carbofuran
Carbon tetrachloride
Chlorobenzene
Chloropicrin
2,4-D
Dibromochloropropane (DBCP)
o-Dichlorobenzene
p-Dichlorobenzene
1,2-Dichloroethane
1,1-Dichloroethylene

cis-1,2-Dichloroethylene
trans-1,2-Dichloroethylene
1,2-Dichloropropane
cis-1,3-Dichloropropylene
Dinoseb
Endrin
Ethylbenzene
Ethylene dibromide (EDB)
Haloacetonitriles (HAN):
bromochloroacetonitrile
dibromoacetonitrile
dichloroacetonitrile
trichloroacetonitrile
Haloketones (HK):
1,1-dichloro-2-propanone
1,1,1-trichloro-2-propanone
Heptachlor
Heptachlor epoxide
Hexachlorobutadiene
Hexachlorocyclopentadiene
Lindane
Methoxychlor
Pentachlorophenol
Simazine
Styrene
1,1,2,2-Tetrachloroethane
Tetrachloroethylene
Toluene
2,4,5-TP (Silvex)
Tribromoacetic acid
1,2,4-Trichlorobenzene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethylene
Trihalomethanes includes:
Chloroform (surrogate chemical)
Bromoform
Bromodichloromethane
Chlorodibromomethane

Xylenes (total) EPA Priority Pollutants

Acenaphthene
Acenaphthylene
Aldrin
Anthracene
Benzidine
Benzo[a]anthracene
Benzo[a]pyrene
Benzo[b]fluoranthene
Benzo[g,h,i]perylene
Benzo[k]fluoranthene
alpha-BHC
beta-BHC
delta-BHC

gamma-BHC
Bis(2-Chloroethoxy) methane
Bis(2-chloroethyl) ether
Bis(2-chloroisopropyl) ether
Bis(2-ethyl-hexyl) phthalate
4-Bromophenyl phenyl ether
Butyl benzyl phthalate
4-Chloro-3-methylphenol
2-Chloroethyl vinyl ether
2-Chlorophenol
4-Chlorophenyl phenyl ether
Chrysene
4,4'-DDD
Di-n-butyl phthalate
Di-n-octyl phthalate
Dibenzo[a,h]anthracene
1,3-Dichlorobenzene
3,3'-Dichlorobenzidine
2,4-Dichlorophenol
trans-1,3-Dichloropropene
Dieldrin
Diethyl phthalate
Dimethyl phthalate
2,4-Dimethylphenol
4,6-Dinitro-2-methyl phenol
2,4 Dinitrophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
1,2-Diphenylhydrazine
alpha-Endosulfan
beta-Endosulfan
Endosulfan Sulfate
Endrin Aldehyde
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachloroethane
Isophorone
Naphthalene
Nitrobenzene
2-Nitrophenol
4-Nitrophenol
N-Nitroso-di-n-propylamine
N-Nitrosodiphenylamine
PCB-1016
PCB-1221
PCB-1232
PCB-1242
PCB-1248
PCB-1254
Phenanthrene
Phenol
Pyrene

Strychnine
TCDD (2,3,7,8-
Tetrachlorodibenzoparadoxin
TCDF (2,3,7,8-
Tetrachlorodibenzofuran
2,4,6-Trichlorophenol
Non-EPA Priority Pollutant
Aldicarb
Carbaryl
Chlorpyrifos
4,4'-Dibromo-1,1'-biphenyl
Guthion
Hydrocarbons (Gasoline,
Kerosene, Diesel)
Malathion
Parathion
Benzoylcegonine
Chloral Hydrate
E3
Equilin
Equilin
Norethindrone
Permethrin
Sulfamerazine
Sulfamethazine
Sulfamethoxazole
Microorganism, Bacteria,
Virus, Cysts
Acanthamoeba
Aeromonas hydrophila
Campylobacter jejuni
Cryptosporidium parvum
Cyclospora cayetanesis
Eggs of Ascaris lumbricoides
Eggs of Taenia solium
Endolimax
Entamoeba histolytica
Escherichia coli
Giardia lamblia
Helicobacter pylori
Hepatitis A virus
Iodamoeba
Legionella pneumophila
Microsporidium spores
Naegleria
Poliovirus
Raoultella terrigena
Rotavirus
Salmonella typhi
Shigella dysenteriae
Toxoplasma gondii
Vibrio cholerae
Yesinia enterocolitica