

# CONTAMINANTS REDUCED BY MULTIPURE DRINKING WATER SYSTEMS

Contaminant	Potential Health Effects
<b>ARSENIC RULE</b>	
Arsenic V (Aqualuxe and Aquaperform ONLY)	Cancer risk; cardiovascular, dermal effects
<b>PESTICIDES</b>	
Carbofuran (Furadan)	Nervous system, liver, kidney damage
2,4-D	Nervous system, kidney, reproductive system, liver damage;
Chlordane	anemia, leukemia
cis-1,3-Dichloropropylene	Nervous system, muscle damage; cancer
Endrin	Bladder, kidney damage
Heptachlor	Nervous system, kidney, liver, heart damage; anemia, cancer
Heptachlor Epoxide*	Cancer
Lindane	Cancer
Methoxychlor	Nervous system, liver, kidney damage
Toxaphene	Nervous system, liver, kidney damage; anemia, cancer
Toxaphene	Endocrine disrupter; cancer
<b>HERBICIDES</b>	
Alachlor	Cancer; nervous system damage
Atrazine	Cancer; nervous system, mammary glands damage
Dinoseb	Thyroid, reproductive organ damage
Pentachlorophenol	Liver, kidney damage; cancer
2,4,5-TP (Silvex)	Nervous system, liver, kidney damage; cancer
Simazine	Nervous system damage; cancer
<b>CHEMICALS</b>	
Benzene	Cancer, leukemia, anemia
Carbon Tetrachloride	Cancer
Chlorobenzene (Monochlorobenzene)	Nervous system, kidney, liver damage
DBCP (Dibromochloropropane)	Reproductive system damage; cancer
o-Dichlorobenzene	Cancer; kidney, liver, lung damage
p-Dichlorobenzene (para-Dichlorobenzene)	Cancer
1,2-Dichloroethane (1,2-DCE)	Cancer
trans-1,2-Dichloroethylene	Liver, kidney, nervous, circulatory system damage
1,1-Dichloroethylene (1,1-DCE)	Cancer; kidney, liver damage
cis 1,2-Dichloroethylene	Liver, kidney, nervous, circulatory system damage
1,2-Dichloropropane	Nervous system, kidney, liver damage
Ethylbenzene	Nervous system, liver, kidney damage
EDB (Ethylene Dibromide)	Reproductive, other organ damage
Hexachlorobutadiene (Perchlorobutadiene)	Pending study
Hexachlorocyclopentadiene	Kidney, stomach damage
meta-Xylene	Nervous system, liver, kidney, lung, mucous membranes
Methyl Tert Butyl Ether (MTBE)	Lymphoma, leukemia, testicular tumors, thyroid tumors, kidney tumors
o-Xylene (Ortho-Xylene)	Nervous system, liver, kidney, lung, mucous membranes
Radon	Cancer
para-Xylene	Nervous system, liver, kidney, lung, mucous membranes

Perfluorooctanoic Acid (PFOA) (Aqualuxe ONLY)	Fetal development, cancer, liver, immune system, thyroid damage
Perfluorooctane Sulfonate (PFOS) (Aqualuxe ONLY)	Fetal development, cancer, liver, immune system, thyroid damage
Polychlorinated biphenyls (PCBs)	Endocrine disruptor; cancer
Styrene	Nervous system, kidney, liver damage
1,1,2,2-Tetrachloroethane	Pending study
Tetrachloroethylene	Nervous system damage; cancer
Toluene (Methylbenzene)	Nervous system, liver, kidney damage
1,2,4-Trichlorobenzene	Liver, kidney damage
1,1,1-Trichloroethane (1,1,1-TCA)	Nervous system, liver damage
1,1,2-Trichloroethane	Kidney, liver, nervous system damage
Trichloroethylene (TCE)	Cancer
<b>DISINFECTION BYPRODUCTS (DBPs; VOCs)</b>	
Chloropicrin	Pending study
Haloacetonitriles	Pending study
- Bromochloroacetonitrile	
- Dibromoacetonitrile	
- Dichloroacetonitrile	
- Trichloroacetonitrile	
Haloketones (HK)	Pending study
- 1,1-Dichloro-2-Propanone	
- 1,1,1-Trichloro-2-Propanone	
Tribromoacetic Acid	Pending study
Trihalomethanes (THMs; TTHMs)	Cancer; other effects; reproductive problems
- Bromodichloromethane	Cancer; liver, kidney, reproductive problems
- Bromoform	Cancer; nervous system, liver, kidney effects
- Chloroform	Cancer; liver, kidney, reproductive effects
- Dibromochloromethane	Nervous system, liver, kidney, reproductive effects
<b>MICROBIAL POLLUTANTS</b>	
Bacteria (Aqualuxe ONLY)	Gastroenteric diseases
Cryptosporidium	Gastroenteric diseases
Giardia	Gastroenteric diseases
Microcystin (Aqualuxe ONLY)	Gastroenteric diseases
Virus (Aqualuxe ONLY)	Gastroenteric diseases
<b>HEAVY METALS</b>	
Lead	Nervous system, kidney damage; highly toxic to infants and pregnant women
Mercury	Kidney, nervous system disorders
<b>INORGANICS</b>	
Asbestos	Cancer
Turbidity	Interferes with disinfection; related to disinfection byproducts
<b>AESTHETIC TREATMENT</b>	
Chlorine	None known; however, creates disinfection byproducts that have been linked to cancer
Chloramine	None known; however, consumers advised not to use water that contains chloramines for home dialysis machines or aquariums and ponds
Particulate Matter	None known

EMERGING COMPOUNDS/ INCIDENTAL CONTAMINANTS: NSF/ANSI STD. 401	(Reduced by Aqualuxe, Aquaversa, and Aquadome)
Atenolol	Heart, blood pressure medication
Bisphenol A	Plastic, epoxy component
Carbamazepine	Seizure, nerve pain, bipolar disorder medication
DEET	Insect repellent
Estrone	Hormone
Ibuprofen	Pain reliever – NSAID
Linuron	Herbicide
Meprobamate	Tranquilizer
Metolachlor	Herbicide
Naproxen	Pain reliever – NSAID
Nonylphenol	Used in detergents, paints, pesticides, and plastics
Phenytoin	Seizure medication
TCEP	Biochemical reducing agent
TCP	Flame retardant, plasticizer
Trimethoprim	Antibiotic

Performance data for other Multipure Drinking Water Systems can be found at [www.multipure.com/builder-resources.html](http://www.multipure.com/builder-resources.html)



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