

| Drinking Water Contaminant | Potential Health/Aesthetic Effects | Percent Reduction | Influent Contaminant Level | Unit of Measure | Effluent Contaminant Level |
|---|---|-------------------|----------------------------|-----------------|----------------------------|
| <i>Perfluorinated Acid Compounds (Forever Chemicals)</i> | | | | | |
| Perfluorobutane Sulfonate | Unknown | 98.0% | 1.01 | µg/L | 0.02 |
| Perfluorodecanoic acid | Cancer (testicular and kidney), Increased liver enzymes, decreased vaccination response, thyroid disorders, pregnancy-induced hypertension and preeclampsia | 96.2% | 0.52 | µg/L | 0.02 |
| Perfluorohexane Sulfonate | Effects on the thyroid, reproductive organs and tissues, developing fetus, and kidney | 96.2% | 0.52 | µg/L | 0.02 |
| Perfluorohexanoic acid | Cancer (testicular and kidney), High cholesterol, increased liver enzymes, decreased vaccination response, thyroid disorders, pregnancy-induced hypertension and preeclampsia | 96.2% | 0.52 | µg/L | 0.02 |
| Perfluorononanoic acid | Increased cancer risk, Reproductive effects, developmental harm, immune system damage, interference with natural hormones, increased cholesterol levels | 96.2% | 0.52 | µg/L | 0.02 |
| Perfluorooctane Sulfonate | Cancer, Developmental effects to fetuses during pregnancy or to breastfed infants, liver effects | 96.2% | 0.52 | µg/L | 0.02 |
| Perfluorooctanoic Acid | Cancer, Developmental effects to fetuses during pregnancy or to breastfed infants, liver effects | 96.2% | 0.52 | µg/L | 0.02 |
| Polytetrafluoroethylene | Cancer (Kidney and testicular), immune system dysfunction, developmental and reproductive harm, thyroid disease, high cholesterol, and liver damage | 96.2% | 0.52 | µg/L | 0.02 |

| | | | | | |
|----------------------------|--|--------|------|------|----|
| <i>Heavy Metals</i> | | | | | |
| Iron | Rust colored staining, metallic taste | 99.49% | 2726 | µg/L | 14 |
| Nickel | N/A | 99.34% | 302 | µg/L | 2 |
| Chromium (Total) | Allergic dermatitis | 99.01% | 302 | µg/L | 3 |
| Aluminum | Colored water | 98.1% | 210 | µg/L | 4 |
| Cadmium | Kidney Damage | 96.68% | 30.1 | µg/L | <1 |
| Manganese | Black staining, bitter metallic taste | 94.55% | 918 | µg/L | 50 |
| Barium | Increased blood pressure | 93.56% | 202 | µg/L | 13 |
| Lead | Developmental delays, kidney damage, high blood pressure | 92.57% | 148 | µg/L | 11 |

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|----------------------------|--|-------------------|----------------------------|-----------------|----------------------------|
| Beryllium | Intestinal lesions | >91.8% | 6.1 | µg/L | <0.5 |
| Mercury | Kidney damage | >91.8% | 6.1 | µg/L | <0.5 |
| Copper | Metalic taste, blue/green staining | 86.08% | 3009 | µg/L | 419 |
| Selenium | Hair or fingernail loss, numbness in fingers or toes, circulatory problems | 76.47% | 102 | µg/L | 24 |
| Arsenic | Increased cancer risk, Skin damage, circulatory system problems | 56.57% | 49.5 | µg/L | 21.5 |

| Herbicides | | | | | |
|-------------------|---|--------|-------|------|------|
| 2,4,5-T | Liver problems | >99.9% | 150.2 | µg/L | <0.1 |
| Acifluoren | Eye irritant | 99.8% | 41.7 | µg/L | 0.1 |
| 2,4-DB | Vomitting, Diarrhea, headaches, confusion, aggression | 99.7% | 32.7 | µg/L | 0.1 |
| Bentazon | Damage to liver and kidneys, increased blood clotting times | 99.7% | 39.5 | µg/L | 0.1 |
| Pentachlorophenol | Increased cancer risk, Liver or kidney problems | 99.6% | 22.5 | µg/L | 0.1 |
| 2,4-D | Kidney, liver, or adrenal gland problems | 99.5% | 22.1 | µg/L | 0.1 |
| 2,4,5-TP | Liver problems | 99.5% | 18.6 | µg/L | 0.1 |
| Dinosep | Unknown | >99.8% | 52.1 | µg/L | <0.1 |
| Picloram | Liver problems | >99.8% | 40.0 | µg/L | <0.1 |
| DCEPA | Potential carcinogen | >99.8% | 42.5 | µg/L | <0.1 |
| Quinclorac | None known | >99.8% | 43.5 | µg/L | <0.1 |
| Chloramben | Dermal irritation | >99.6% | 28.1 | µg/L | <0.1 |

| Pesticides | | | | | |
|-------------------|---|--------|------|------|------|
| Glyphosate | Kidney problems, reproductive issues | 99.9% | 804 | µg/L | 0.1 |
| Alachlor | Increased risk of cancer, Eye, liver, kidney or spleen problems, anemia | >99.9% | 502 | µg/L | <0.1 |
| 2,4-D | Kidney, liver, or adrenal gland problems | >99.8% | 50.1 | µg/L | <0.1 |
| Aldrin | Kidney problems, reproductive issues | >99.8% | 50.5 | µg/L | <0.1 |
| Alpha-BHC | Increased risk of cancer, Eye, liver, kidney or spleen problems, anemia | >99.8% | 50.0 | µg/L | <0.1 |

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| Atrazine | Kidney, liver, or adrenal gland problems | >99.8% | 100.4 | µg/L | 0.1 |
| Beta-BHC | Blood disorders, dizziness, headaches, and possible changes in the levels of sex hormones in the blood | >99.8% | 50.1 | µg/L | <0.1 |
| Bromacil | Thyroid, adrenal, eye, and thymus effects | >99.8% | 50.1 | µg/L | <0.1 |
| Butachlor | Severe neurological and cardiovascular outcomes may develop rarely | >99.8% | 50.2 | µg/L | <0.1 |
| Butylate | N/A | >99.8% | 41.1 | µg/L | <0.1 |
| Carbofuran | Problems with blood, nervous system, or reproductive system | >99.8% | 80.4 | µg/L | 0.1 |
| Chlorneb | Unknown | >99.8% | 50.5 | µg/L | <0.1 |
| Chloropropane | Gastrointestinal distress and pulmonary edema from oral exposure | >99.8% | 52.5 | µg/L | <0.1 |
| Chlorpyrifos | Runny nose, tears, and increased saliva or drooling. Sweating, headaches, nausea, and dizziness, vomiting, abdominal muscle cramps, muscle twitching, tremors and weakness, and loss of coordination | >99.8% | 50.2 | µg/L | <0.1 |
| Chlorthalonil | May effect kidneys | >99.8% | 51.2 | µg/L | <0.1 |
| Cis-Chlordane | Nausea, irritability, headaches, stomach pain, and vomiting, Loss of coordination, tremors, convulsions, and death | >99.8% | 50.5 | µg/L | <0.1 |
| Cyanizine | Dermatits, acute toxicity | >99.8% | 50.5 | µg/L | <0.1 |
| Delta-BHC | May cause liver toxicity | >99.8% | 50.1 | µg/L | <0.1 |
| Dichlorvos | Neurotoxic effects including perspiration, vomiting, diarrhea, drowsiness, fatigue, headache, and at high concentrations, convulsions, and coma | >99.8% | 51.4 | µg/L | <0.1 |
| Dieldrin | Seizures, headaches, dizziness, GI disturbances | >99.8% | 48.2 | µg/L | <0.1 |
| Diphenamid | Unknown | >99.8% | 49.0 | µg/L | <0.1 |
| Disulfoton | Blurred vision, fatigue, headache, dizziness, sweating, tearing, and salivation | >99.8% | 50.2 | µg/L | <0.1 |
| Endosulfan I | Tremors, seizures, death | >99.8% | 42.0 | µg/L | <0.1 |
| Endosulfan II | Tremors, seizures, death | >99.8% | 40.2 | µg/L | <0.1 |

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| Endosulfan Sulfate | Headache, giddiness, blurred vision, nausea, vomiting, diarrhea, and muscle weakness | >99.8% | 51.5 | µg/L | <0.1 |
| Endrin | Liver problems | >99.8% | 61.3 | µg/L | <0.1 |
| Endrin Aldehyde | Unknown | >99.8% | 45.1 | µg/L | <0.1 |
| Endrin Ketone | Unknown | >99.8% | 50.3 | µg/L | <0.1 |
| Ethoprop | Cancer, reproductive harm | >99.8% | 50.4 | µg/L | <0.1 |
| Fenamiphos | Nausea, dizziness, confusion, respiratory paralysis, death | >99.8% | 52.1 | µg/L | <0.1 |
| Fenarimol | None | >99.8% | 50.0 | µg/L | <0.1 |
| Fluoridone | None | >99.8% | 50.1 | µg/L | <0.1 |
| Gamma-BHC (Lindane) | Liver and kidney problems | >99.8% | 50.2 | µg/L | <0.1 |
| Heptachlor | Risk of cancer, Liver damage | >99.8% | 51.4 | µg/L | <0.1 |
| Heptachlor Epoxide | Risk of cancer, Liver damage | >99.8% | 50.2 | µg/L | <0.1 |
| Hexachlorobenzene | Increased risk of cancer, Liver, kidney and reproductive problems | >99.8% | 50.1 | µg/L | <0.1 |
| Hexachlorocyclopentadiene | Kidney and stomach problems | >99.8% | 52.0 | µg/L | <0.1 |
| Methoxychlor | Reproductive difficulties | >99.8% | 50.1 | µg/L | <0.1 |
| Metolachlor | May cause cancer | >99.8% | 50.2 | µg/L | <0.1 |
| Metribuzin | Unknown | >99.8% | 50.2 | µg/L | <0.1 |
| Molinate | Unknown | >99.8% | 50.1 | µg/L | <0.1 |
| p,p'-DDD | Unknown | >99.8% | 44.1 | µg/L | <0.1 |
| p,p'-DDE | Unknown | >99.8% | 56.0 | µg/L | <0.1 |
| p,p'-DDT | Headaches, nausea, convulsions | >99.8% | 60.5 | µg/L | <0.1 |
| PCB's | Increased risk of cancer, Skin changes, thymus gland problems, immune deficiencies, reproductive or nervous system difficulties | >99.8% | 10.4 | µg/L | <0.1 |
| Propachlor | None | >99.8% | 50.2 | µg/L | <0.1 |
| Simazine | Problems with blood | >99.8% | 50.1 | µg/L | <0.1 |
| Toxaphene | Increased risk of cancer, Kidney, liver, and thyroid problems | >99.8% | 15.1 | µg/L | <0.1 |
| Trans-Chlordane | GI distress and neurological symptoms | >99.8% | 50.1 | µg/L | <0.1 |

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| <i>Volatile Organi Compounds (VOCs)</i> | | | | | |
| 1, 1, 1-Trichloroethane | Liver, nervous system and circulatory problems | >99.9% | 84.8 | µg/L | <0.1 |
| 1, 1, 2, 2-Tetrachloroethane | Effects on liver and respiratory systems, nervous system | >99.9% | 81.2 | µg/L | <0.1 |
| 1, 1, 2-Trichloroethane | Liver, kidney, or immune system problems | >99.9% | 110.1 | µg/L | <0.1 |
| 1, 1-Dichloroethane | Increased risk of cancer | >99.9% | 92.3 | µg/L | <0.1 |
| 1, 1-Dichloroethene | Increased risk of cancer | >99.9% | 78.1 | µg/L | <0.1 |
| 1, 2-Dichlorobenzene | Liver, kidney, or circulatory system problems | >99.9% | 80.0 | µg/L | <0.1 |
| 1, 2-Dichloroethane | Increased risk of cancer | >99.9% | 88.5 | µg/L | <0.1 |
| 1, 2-Dichloropropane | Increased risk of cancer | >99.9% | 80.1 | µg/L | <0.1 |
| 1, 3-Dichloropropane | Increased risk of cancer | >99.9% | 92.2 | µg/L | <0.1 |
| Benzene | Increased risk of cancer, Anemia, decrease in blood platelets | >99.9% | 80.0 | µg/L | <0.1 |
| Bromochloromethane | Unknown | >99.9% | 80.8 | µg/L | <0.1 |
| Carbon Tetrachloride | Increased risk of cancer, Liver problems | >99.9% | 88.0 | µg/L | <0.1 |
| Chlorobenzene | Liver or kidney problems | >99.9% | 77.2 | µg/L | <0.1 |
| cis-1, 2-Dichloroethene | Unknown | >99.9% | 181.5 | µg/L | <0.1 |
| cis-1, 3-Dichloropropene | Inhalation causes mucous membrane irritation, chest pain, and breathing difficulties. | >99.9% | 79.5 | µg/L | <0.1 |
| Ethylbenzene | Liver or kidneys problems | >99.9% | 88.2 | µg/L | <0.1 |
| m and p-Xylene | Nervous system damage | >99.9% | 80.3 | µg/L | <0.1 |
| MTBE | Potential carcinogen | >99.9% | 73.4 | µg/L | <0.1 |
| Naphthalene | Hemolytic anemia, damage to the liver, and neurological damage | >99.9% | 160.5 | µg/L | <0.1 |
| Styrene | Liver, kidney, or circulatory system problems | >99.9% | 150.0 | µg/L | <0.1 |
| Tetrachloroethene | Likely carcinogen | >99.9% | 85.6 | µg/L | <0.1 |
| Toluene | Nervous system, kidney, or liver problems | >99.9% | 78.3 | µg/L | <0.1 |
| trans-1, 2-Dichloroethene | Unknown | >99.9% | 78.2 | µg/L | <0.1 |
| trans-1, 3-Dichloropropene | Unknown | >99.9% | 79.9 | µg/L | <0.1 |
| Trichloroethene | Dizziness, headaches, confusion, euphoria, facial numbness, and weakness when inhaled | >99.9% | 180.2 | µg/L | <0.1 |
| 1, 3-Dichlorobenzene | Unknown | >99.8% | 40.2 | µg/L | <0.1 |

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| 1, 4-Dichlorobenzene | Effects to liver, skin and central nervous system | >99.8% | 40.0 | µg/L | <0.1 |
| Chloromethane | Potential carcinogen | >99.8% | 50.2 | µg/L | <0.1 |
| Dibromo-3-Chloropropane | Increased risk of cancer, Reproductive difficulties | >99.8% | 50.2 | µg/L | <0.1 |
| Ethylene Dibromide (EDB) | Increased risk of cancer, Problems with liver, stomach, reproductive system, or kidneys | >99.8% | 44.8 | µg/L | <0.1 |
| Hexachlorobutadiene | Potential carcinogen | >99.8% | 44.2 | µg/L | <0.1 |
| o-Xylene | Nervous system damage | >99.8% | 40.2 | µg/L | <0.1 |
| Vinylchloride | Unknown | >99.8% | 42.3 | µg/L | <0.1 |
| Chloroethane | Temporary feelings of drunkenness, and at higher levels, lack of muscle coordination and unconsciousness. | >99.7% | 29.1 | µg/L | <0.1 |
| Dibromoacetonitrile | Damage to DNA | >99.6% | 24.6 | µg/L | <0.1 |
| Flourotrichloromethane | Irregular heartbeat | >99.6% | 28.3 | µg/L | <0.1 |
| 1, 2, 3-Trichloropropane | Potential carcinogen | >99.5% | 19.2 | µg/L | <0.1 |
| Bromoacetonitrile | Build-up of fluid in lungs | >99.5% | 20.5 | µg/L | <0.1 |
| Bromomethane | Kidney and liver damage | >99.5% | 21.3 | µg/L | <0.1 |
| Dibromomethane | Unknown | >99.5% | 18.4 | µg/L | <0.1 |
| Methylene Chloride | Harms eyes, skin liver and heart | >99.4% | 18.0 | µg/L | <0.1 |
| 1, 2, 3-Trichlorobenzene | Changes to adrenal glands | >99.3% | 14.2 | µg/L | <0.1 |
| 1, 2, 4-Trichlorobenzene | Changes to adrenal glands | >99.3% | 13.6 | µg/L | <0.1 |
| 1,1,1-Trichloro-2- | Unknown | >99.3% | 14.5 | µg/L | <0.1 |
| Trichloroacetonitrile | Unknown | >99.3% | 15.0 | µg/L | <0.1 |
| Bromobenzene | Kidney and liver damage | >99.2% | 12.5 | µg/L | <0.1 |
| 4-Chlorotoluene | Increased risk of cancer | >99.1% | 10.9 | µg/L | <0.1 |
| 1, 2, 4-Trimethylbenzene | Causes problems with muscle control, anxiety and confusion | >99.0% | 9.90 | µg/L | <0.1 |
| 2, 2-Dichloropropane | Increased risk of cancer | >99.0% | 10.0 | µg/L | <0.1 |
| 2-Chlorotoluene | Increased risk of cancer | >99.0% | 10.0 | µg/L | <0.1 |
| 4-Isopropyltoluene | Unknown | >99.0% | 10.3 | µg/L | <0.1 |
| Dichloroacetonitrile | Damage to DNA | >99.0% | 9.92 | µg/L | <0.1 |
| n-Butylbenzene | Unknown | >99.0% | 10.2 | µg/L | <0.1 |
| Tert-Butylbenzene | Unknown | >99.0% | 10.1 | µg/L | <0.1 |
| 1, 3, 5-Trimethylbenzene | Increased risk of cancer, Neurological effects | >98.9% | 9.5 | µg/L | <0.1 |

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|----------------------------|--|-------------------|----------------------------|-----------------|----------------------------|
| n-propylbenzene | Causes headache, nausea, vomiting, dizziness, drowsiness and fainting | >98.9% | 9.37 | µg/L | <0.1 |
| 1, 1-Dichloropropane | Increased risk of cancer | >98.8% | 8.67 | µg/L | <0.1 |
| 1,1-Dichloro-2-propanone | Increased risk of cancer | >98.7% | 7.50 | µg/L | <0.1 |
| sec-Butylbenzene | Increased risk of cancer | >98.7% | 7.88 | µg/L | <0.1 |
| Isopropylbenzene | Causes headaches, dizziness, drowsiness, slight incoordination and unconsciousness | >98.5% | 6.78 | µg/L | <0.1 |

| Semivolatile Compounds | | | | | |
|-------------------------------|---|---------|-------|------|------|
| Dalapon | Minor kidney changes | >99.96% | 270.2 | µg/L | <0.1 |
| Dicamba | Increased cancer risk | >99.9% | 150.7 | µg/L | <0.1 |
| Diclorprop | Unknown | >99.9% | 150.2 | µg/L | <0.1 |
| 1,2,4-Trichlorobenzene | Changes in adrenal glands | >99.8% | 48.4 | µg/L | <0.1 |
| 1,2-Dichlorobenzene | Liver, kidney, or circulatory system problems | >99.8% | 49.0 | µg/L | <0.1 |
| 1,3-Dichlorobenzene | Liver, kidney, or circulatory system problems | >99.8% | 49.9 | µg/L | <0.1 |
| 1,4-Dichlorobenzene | Liver, kidney, or circulatory system problems | >99.8% | 50.1 | µg/L | <0.1 |
| 2,2-Dimethylphenol | Unknown | >99.8% | 48.1 | µg/L | <0.1 |
| 2,2-Oxybis(1-chloropropane) | Unknown | >99.8% | 49.2 | µg/L | <0.1 |
| 2,4,6-Trichlorophenol | Increased cancer risk. Restlessness, weakness, rapid breathing, tremors, shaking, seizures, coma and even death. | >99.8% | 50.1 | µg/L | <0.1 |
| 2,4-Dichlorophenol | Increase risk of cancer, liver damage | >99.8% | 48.9 | µg/L | <0.1 |
| 2,4-Dinitrophenol | Nausea, vomiting, sweating, dizziness, headaches, and loss of weight | >99.8% | 50.1 | µg/L | <0.1 |
| 2,4-Dinitrotoluene | Reproductive harm | >99.8% | 49.2 | µg/L | <0.1 |
| 2,6-Dinitrotoluene | Reproductive harm | >99.8% | 48.5 | µg/L | <0.1 |
| 2-Chloronaphthalene | None known | >99.8% | 49.4 | µg/L | <0.1 |
| 2-Chlorophenol | Liver and kidney damage | >99.8% | 49.0 | µg/L | <0.1 |
| 2-Nitrophenol | Interfere with the ability of the blood to carry Oxygen causing headache, fatigue, dizziness, and a blue color to the skin and lips | >99.8% | 48.8 | µg/L | <0.1 |
| 4-Bormophenyl phenyl | Unknown | >99.8% | 47.8 | µg/L | <0.1 |

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| 4-Chloro-3-methylphenol | Unknown | >99.8% | 50.6 | µg/L | <0.1 |
| 4-Chlorophenyl phenyl | Irritates skin and eyes | >99.8% | 49.8 | µg/L | <0.1 |
| 4-Nitrotoluene | Headache, cyanosis, debilitation, vertigo, ataxia, respiratory disturbances, tachycardia and vomiting | >99.8% | 47.5 | µg/L | <0.1 |
| Acenaphthylene | Unknown | >99.8% | 50.1 | µg/L | <0.1 |
| Anthracene | Headaches, nausea, loss of appetite, inflammation or swelling of the stomach and intestines | >99.8% | 49.5 | µg/L | <0.1 |
| Benzo(a) anthracene | Potential carcinogen, reproductive harm | >99.8% | 50.3 | µg/L | <0.1 |
| Benzo(a) pyrene | May cause the skin to thicken and darken, and for pimples to appear | >99.8% | 50.5 | µg/L | <0.1 |
| Benzo(g,h,i) perylene | Reproductive problems, birth defects, damage to skin and immune system | >99.8% | 50.2 | µg/L | <0.1 |
| Benzo(k) anthracene | Unknown | >99.8% | 50.3 | µg/L | <0.1 |
| Benzyl butyl phthalate | Irritates the eyes, nose, and throat | >99.8% | 50.9 | µg/L | <0.1 |
| Bis(2-chloroethoxy)methane | Severely irritates skin, eyes, and mucous membranes, may be toxic when ingested | >99.8% | 47.1 | µg/L | <0.1 |
| Bis(2-chloroethyl) ether | Irritates the nose and throat | >99.8% | 51.6 | µg/L | <0.1 |
| Bis(2-ethylhexyl) phthalate | Potential carcinogen | >99.8% | 52.6 | µg/L | <0.1 |
| Chrysene | Increased cancer risk, potential reproductive harm | >99.8% | 50.5 | µg/L | <0.1 |
| Dibenzo(a,h)anthracene | Potential liver and kidney damage | >99.8% | 50.3 | µg/L | <0.1 |
| Diethylphthalate | Headache, dizziness and nausea, numbness, "pins and needles," and/or weakness in the hands and feet | >99.8% | 50.1 | µg/L | <0.1 |
| Dimethylphthalate | Unknown | >99.8% | 49.2 | µg/L | <0.1 |
| Di-n-butylphthalate | None known | >99.8% | 50.3 | µg/L | <0.1 |
| Dinitro-o-cresol | Headache, nausea, stomach pain, and rapid heartbeat, fever, trouble breathing, coma and death | >99.8% | 48.5 | µg/L | <0.1 |
| Di-n-octyl phthalate | Liver damage, skin and eye irritant | >99.8% | 50.1 | µg/L | <0.1 |
| Diphenylamine | Liver, kidney and bladder damage | >99.8% | 73.2 | µg/L | <0.1 |
| Fluoranthene | Kidney disease and liver damage | >99.8% | 50.4 | µg/L | <0.1 |
| Fluorene | Increased risk of cancer, damage to immune system | >99.8% | 49.8 | µg/L | <0.1 |

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| Haxachlorobenzene | Weakness, tremors, and convulsions, skin sores, and liver and thyroid effects, reproductive harm | >99.8% | 48.5 | µg/L | <0.1 |
| Hexachlorobutadiene | Liver and kidney damage | >99.8% | 49.6 | µg/L | <0.1 |
| Hexachlorocyclopentadiene | Kidney or stomach problems | >99.8% | 50.9 | µg/L | <0.1 |
| Hexachloroethane | Central nervous system depresant, damage to liver, kidneys and nuerological systems | >99.8% | 48.4 | µg/L | <0.1 |
| Indeno(1,2,3-cd) pyrene | Potential carcinogen | >99.8% | 50.8 | µg/L | <0.1 |
| Isophrone | Dizziness, fatigue, and depression | >99.8% | 50.0 | µg/L | <0.1 |
| Naphthalene | Hemolytic anemia, damage to the liver, and neurological damage | >99.8% | 48.3 | µg/L | <0.1 |
| Nitrobenzene | Effects on blood | >99.8% | 48.9 | µg/L | <0.1 |
| N-Nitrosodimethylamine | Liver damage | >99.8% | 50.2 | µg/L | <0.1 |
| N-Nitroso-di-n-propylamine | Potential carcinogen | >99.8% | 50.2 | µg/L | <0.1 |
| Pentachlorophenol | Increased cancer risk, Liver or kidney problems | >99.8% | 50.3 | µg/L | <0.1 |
| Phenanthere | Damage to immune system | >99.8% | 49.8 | µg/L | <0.1 |
| Phenol | Irritating to the skin, eyes, and mucous membranes | >99.8% | 50.1 | µg/L | <0.1 |
| Pyrene | Increased risk of cancer | >99.8% | 49.6 | µg/L | <0.1 |
| 3,5-Dichlorobenzoic | Unknown | >99.7% | 30.9 | µg/L | <0.1 |
| Acenaphthene | May affect kidneys and liver | >99.7% | 35.9 | µg/L | <0.1 |
| PCB's | Increased risk of cancer, Skin changes, thymus gland problems, immune deficiencies, reproductive or nervous system difficulties | >99.0% | 10.4 | µg/L | <0.1 |

| Emerging Compounds | | | | | |
|---------------------------|--|--------|------|------|----|
| TCPP | Potential Carcinogen, liver and kidney damage | 100.0% | 4380 | µg/L | <2 |
| Carbamazepine | Allergic reactions | 99.9% | 2926 | µg/L | <2 |
| DEET | Seizures, uncoordinated movements, agitation, aggressive behavior, low blood pressure, skin irritation | 99.9% | 1797 | µg/L | 2 |
| Metolachlor | Unknown | 99.9% | 2520 | µg/L | <2 |
| TCEP | Impairs human fertility | 99.9% | 1921 | µg/L | <2 |
| Acetaminophen | Liver damage | 99.4% | 332 | µg/L | 2 |

*(µg/L = micrograms per liter or Parts Per Billion), (mg/L = miligarms per liter or Parts Per Million)

| Drinking Water Contaminant | Potential Health/Aesthetic Effects | Percent Reduction | Influent Contaminant Level | Unit of Measure | Effluent Contaminant Level |
|----------------------------|---|-------------------|----------------------------|-----------------|----------------------------|
| Naproxen | Liver damage | 99.2% | 240 | µg/L | <2 |
| Nonylphenol | Endocrine disruption, reproductive harm | 99.2% | 2600 | µg/L | 20 |
| Caffeine | Insomnia, nervousness, restlessness, nausea, increase heart rate | 98.9% | 185 | µg/L | 2 |
| Ciprofloxacin | Swollen or ruptured tendons, nerve damage and central nervous system side effects | 98.7% | 151 | µg/L | <2 |
| Testosterone | Developmental effects | 98.7% | 156 | µg/L | 2 |
| Trimethoprim | Unknown | 98.6% | 143 | µg/L | <2 |
| Bisphenol A | Reproductive, developmental, and systemic toxicant | 98.5% | 2014 | µg/L | 31 |
| Linuron | Increased cancer risk | 98.1% | 107 | µg/L | <2 |
| Atenolol | Prenatal toxicity | 97.9% | 96 | µg/L | <2 |
| Ibuprofen | Liver damage | 97.6% | 83 | µg/L | <2 |
| Meprobamate | Muscle relaxant, unknown long term effects | 96.7% | 61 | µg/L | <2 |
| Estradiol | Impacts estrogen production | 91.3% | 23 | µg/L | <2 |

| Trihalomethanes | | | | | |
|------------------------|--|-------|-------|------|-----|
| Bromodichloromethane | Increased risk of cancer, Liver, kidney or central nervous system problems | 99.9% | 84.8 | µg/L | 0.1 |
| Bromoform | See above | 99.9% | 85.2 | µg/L | 0.1 |
| Chlorodibromomethane | See above | 99.9% | 82.6 | µg/L | 0.1 |
| Total Trihalomethanes | See above | 99.6% | 339.5 | µg/L | 1.2 |
| Chloroform | See above | 99.0% | 86.9 | µg/L | 0.9 |

| Disinfectants and other Anions | | | | | |
|---------------------------------------|--|-------|-----|------|------|
| Chlorine | Eye/nose irritation, stomach discomfort | 98.9% | 1.8 | mg/L | 0.02 |
| Chloramine | Eye/nose irritation, stomach discomfort, anemia | 98.1% | 3.2 | mg/L | 0.06 |
| Chloride | Eye/nose irritation, stomach discomfort | 17.6% | 170 | mg/L | 140 |
| Nitrate | Danger to infants under 6 months of age, Blue Baby Syndrome, shortness of breath | 16.0% | 25 | mg/L | 21 |
| Sulfate | Bitter tasting water | 4.0% | 603 | mg/L | 579 |

*(µg/L = micrograms per liter or Parts Per Billion), (mg/L = milligrams per liter or Parts Per Million)



User Friendly Summary of UltraHome Test Results

| Drinking Water Contaminant | Potential Health/Aesthetic Effects | Percent Reduction | Influent Contaminant Level | Unit of Measure | Effluent Contaminant Level |
|----------------------------|---|-------------------|----------------------------|-----------------|----------------------------|
| Fluoride | Bone disease (pain and tenderness of the bones), Children may get mottled teeth | 0.0% | 7.8 | mg/L | 7.8 |

Flow Rate: 1.0 gpm

Cycle: 20 min on: 20 min off

Total volume tested: 300

*(µg/L = micrograms per liter or Parts Per Billion), (mg/L = miligarms per liter or Parts Per Million)