APPENDIX TO RULE 3745-96-02 -- REGULATED CONTAMINANTS TABLE

Key

AL=Action Level

MCL=Maximum Contaminant Level

MCLG=Maximum Contaminant Level Goal

MFL=million fibers per liter

mrem/year=millirems per year (a measure of radiation absorbed by the body)

MRDL= Maximum Residual DisinfectantLevel
MRDLG=Maximum Residual DisinfectantLevel Goal
NTU=Nephelometric Turbidity Units
pCi/L=picocuries per liter (a measure of radioactivity)
mg/L=milligrams per liter; or ppm, parts per million

μg/L micrograms per liter; or ppb, parts per billion **ng/L**= nanograms per liter; or ppt, parts per trillion **ppq**=parts per quadrillion; or picograms per liter **TT**=Treatment Technique

| Contaminant / Chemical | MCL in Compliance Units | to convert for CCR, multiply by | MCL in CCR units | MCLG in CCR Units | Major Sources in Drinking Water | Health Effects Language |
|--------------------------|--|---------------------------------------|--|----------------------|--|---|
| Microbiological Contamir | nants | | | | | |
| E. coli | Routine and repeat samples are total coliform- positive and either is E. colipositive or system fails to take repeat samples following E. coli-positive routine sample or system fails to analyze total coliform-positive repeat sample for E. coli. | - | Routine and repeat samples are total coliform- positive and either is E. colipositive or system fails to take repeat samples following E. coli-positive routine sample or system fails to analyze total coliform-positive repeat sample for E. coli. | | Human and animal fecal waste | E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, the elderly and people with severely compromised immune systems. Appendix 3745-96-02 |
| Total Organic Carbon | π | | π | N/A | Naturally present in the environment. | Total organic carbon(TOC) has no health effects. However, total organic carbon provides a medium for the formation of disinfection by-products. These by-products include trihalomethanes (THM) and haloacetic acids (HAAs). Drinking water containing these by-products in excess of the MCL may lead to adverse health effects, liver or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer. |
| Turbidity | TT (NTU) | - | TT (NTU) | N/A | Soil runoff | Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms. These organisms include bacteria, viruses, and parasites which can cause symptoms such as nausea, cramps, diarrhea and associated headaches. |
| Radioactive Contaminant | s | | | | | |
| Beta/photon emitters | 4 mrem/yr | - | 4mem/yr (AL=50 pCi/L) | 0 | Decay of natural and man-made deposits | Certain minerals are radioactive and may emit forms of radiation known as photons and beta radiation. Some people who drink water containing beta and photon emitters in excess of the MCL over many years may have an increased risk of getting cancer. |
| Alpha emitters | 15 pCi/L | - | 15 pCi/L | 0 | Erosion of natural deposits | Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer. |

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|------------------------|----------------------------|---------------------------------------|------------------|----------------------|---|---|
| Combined radium | 5 pCi/L | 1 | 5 pCi/L | 0 | Erosion of natural deposits | Some people who drink water containing radium 226 or 228 in excess of the MCL over many years may have an increased risk of getting cancer. |
| Uranium | 30 μg/L | - | 30 μg/L | 0 | Erosion of natural deposits | Some people who drink water containing uranium in excess of the MCL over many years may have an increased risk of getting cancer and kidney toxicity. |
| Inorganic Contaminants | | | | | | |
| Antimony | 0.006 mg/L | 1000 | 6 μg/L | 6 μg/L | Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder | Some people who drink water containing antimony well in excess of the MCL over many years could experience increases in blood cholesterol and decreases in blood sugar. |
| Arsenic | 0.010 mg/L ¹ | 1000 | 10 μg/L | 01 | Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes | Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer. |
| Asbestos | 7 MFL | 1 | 7 MFL | 7 MFL | Decay of asbestos cement water mains; Erosion of natural deposits | Some people who drink water containing asbestos in excess of the MCL over many years may have an increased risk of developing benign intestinal polyps. |
| Barium | 2 mg/L | - | 2 mg/L | 2 mg/L | Discharge of drilling wastes; Erosion of natural deposits; Discharge from metal refineries | Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure. |
| Beryllium | 0.004 mg/L | 1000 | 4 μg/L | 4 μg/L | Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries | Some people who drink water containing beryllium well in excess of the MCL over many years could develop intestinal lesions. |
| Bromate | 0.01 mg/L | 1000 | 10 μg/L | 0 | By-product of drinking water chlorination. | Some people who drink water containing bromate in excess of the MCL over many years may have an increased risk of getting cancer. |
| Cadmium | 0.005 mg/L | 1000 | 5 μg/L | 5 μg/L | Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; Runoff from waste batteries and paints | Some people who drink water containing cadmium in excess of the MCL over many years could experience kidney damage. |
| Chlorite | 1 mg/L | | 1 mg/L | 0.8 mg/L | By-product of drinking water chlorination. | Some infants and young children who drink water containing chlorite in excess of the MCL could experience nervous system effects. Similar effects may occur in fetuses of pregnant women who drink water containing chlorite in excess of the MCL. Some people may experience anemia. |
| Chromium | 0.1 mg/L | 1000 | 100 μg/L | 100 μg/L | Discharge from steel and pulp mills; Erosion of natural deposits | Some people who drink water containing chromium in well in excess of the MCL over many years could experience allergic dermatitis. |
| Copper | AL=1.3 mg/L | - | AL=1.3 mg/L | AL=1.3 mg/L | Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives | Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor. |
| Cyanide | 0.2 mg/L | 1000 | 200 μg/L | 200 μg/L | Discharge from steel/metal factories; Discharge from plastic and fertilizer factories | Some people who drink water containing cyanide well in excess of the MCL over many years could experience nerve damage or problems with their thyroid. |

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| Fluoride | 4 mg/L | - | 4 mg/L | 4 mg/L | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories | Some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL or more may cause mottling of children's teeth, usually in children less than nine years old. Mottling, also known as dental fluorosis, may include brown staining and/or pitting of the teeth, and occurs only in developing teeth before they erupt from the gums. |
| Lead | AL=0.015 mg/L or Threshold Level = | 1000 or 1000 | AL=15 μg/L or Threshold Level = | 0 or 0 | Corrosion of household plumbing systems; Erosion of natural deposits | Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure. |
| Mercury [inorganic] | 0.015 mg/L 0.002 mg/L | 1000 | 15 μg/L 2 μg/L | 2 μg/L | Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland | Some people who drink water containing inorganic mercury well in excess of the MCL over many years could experience kidney damage. |
| Nitrate | 10 mg/L | - | 10 mg/L | 10 mg/L | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits | Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome. |
| Nitrite | 1 mg/L | - | 1 mg/L | 1 mg/L | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits | Infants below the age of six months who drink water containing nitrite in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome. |
| Selenium | 0.05 mg/L | 1000 | 50 μg/L | 50 μg/L | Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines | Selenium is an essential nutrient. However, some people who drink water containing selenium in excess of the MCL over many years could experience hair or fingernail losses, numbness in fingers or toes, or problems with their circulation. |
| Thallium | 0.002 mg/L | 1000 | 2 μg/L | 0.5 μg/L | Leaching from ore- processing sites; Discharge from glass, electronics, and drug factories. | Some people who drink water containing thallium in excess of the MCL over many years could experience hair loss, changes in their blood, or problems with their kidneys, intestines, or liver. |
| Synthetic Organic Contan | ninants including Pes | ticides and Herl | bicides | | | |
| 2,4-D | 0.07 mg/L | 1000 | 70 μg/L | 70 μg/L | Runoff from herbicide used on row crops | Some people who drink water containing the weed killer 2,4-D well in excess of the MCL over many years could experience problems with their kidneys, liver, or adrenal glands. |
| 2,4,5-TP [Silvex] | 0.05 mg/L | 1000 | 50 μg/L | 50 μg/L | Residue of banned herbicide | Some people who drink water containing silvex in excess of the MCL over many years could experience liver problems. |
| Acrylamide | Π | - | тт | 0 | Added to water during sewage/ wastewater treatment | Some people who drink water containing high levels of acrylamide over a long period of time could have problems with their nervous system or blood, and may have an increased risk of getting cancer. |
| Alachlor | 0.002 mg/L | 1000 | 2 μg/L | 0 | Runofffrom herbicide used on row crops | Some people who drink water containing alachlor in excess of the MCL over many years could have problems with their eyes, liver, kidneys, or spleen, experience anemia, and may have an increased risk of getting cancer. |
| Atrazine | 0.003 mg/L | 1000 | 3 μg/L | 3 μg/L | Runoff from herbicide used on row crops | Some people who drink water containing atrazine well in excess of the MCL over many years could experience problems with their cardiovascular system or reproductive difficulties. |

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| Benzo(a)pyrene [PAH] | 0.0002 mg/L | 1,000,000 | 200 ng/L | 0 | Leaching from linings of water storage tanks and distribution lines | Some people who drink water containing benzo(a)pyrene in excess of the MCL over many years may experience reproductive difficulties or may have an increased risk of getting cancer. |
| Carbofuran | 0.04 mg/L | 1000 | 40 μg/L | 40 μg/L | Leaching of soil fumigant used on rice and alfalfa | Some people who drink water containing carbofuran in excess of the MCL over many years could experience problems with their blood, or nervous or reproductive systems. |
| Chlordane | 0.002 mg/L | 1000 | 2 μg/L | 0 | Residue of banned termiticide | Some people who drink water containing chlordane in excess of the MCL over many years could experience problems with their liver, blood, or nervous system, and may have an increased risk of getting cancer. |
| Dalapon | 0.2 mg/L | 1000 | 200 μg/L | 200 μg/L | Runoff from herbicide used on rights of way | Some people who drink water containing dalapon well in excess of the MCL over many years could experience minor kidney changes. |
| Di(2-ethylhexyl) adipate | 0.4 mg/L | 1000 | 400 μg/L | 400 μg/L | Discharge from chemical factories | Some people who drink water containing di (2-ethylhexyl) adipate well in excess of the MCL over many years could experience general toxic effects or reproductive difficulties. |
| Di(2-ethylhexyl) phthalate | 0.006 mg/L | 1000 | 6 μg/L | 0 | Discharge from rubber and chemical factories | Some people who drink water containing di (2-ethylhexyl) phthalate in excess of the MCL over many years may have problems with their liver, or experience reproductive difficulties, and may have an increased risk of getting cancer. |
| Dibromochloropropane | 0.0002 mg/L | 1,000,000 | 200 ng/L | 0 | Runoff/leaching from soil fumigant used on pineapples, soybeans, cotton, and orchards | Some people who drink water containing DBCP in excess of the MCL over many years could experience reproductive problems and may have an increased risk of getting cancer. |
| Dinoseb | 0.007 mg/L | 1000 | 7 μg/L | 7 μg/L | Runoff from herbicide used on soybeans and vegetables | Some people who drink water containing dinoseb well in excess of the MCL over many years could experience reproductive difficulties. |
| Diquat | 0.02 mg/L | 1000 | 20 μg/L | 20 μg/L | Runoff from herbicide use | Some people who drink water containing diquat in excess of the MCL over many years could get cataracts. |
| Dioxin [2,3,7,8-TCDD] | 0.00000003 mg/L | 1,000,000,000 | 30 ppq | 0 | Emissions from waste incineration and other combustion; Discharge from chemical factories | Some people who drink water containing dioxin in excess of the MCL over many years could experience reproductive difficulties and may have an increased risk of getting cancer. |
| Endothall | 0.1 mg/L | 1000 | 100 μg/L | 100 μg/L | Runoff from herbicide use | Some people who drink water containing endothall in excess of the MCL over many years could experience problems with their stomach or intestines. |
| Epichlorohydrin | тт | - | П | 0 | Discharge from industrial chemical factories; An impurity of some water treatment chemicals | Some people who drink water containing high levels of epichlorohydrin over a long period of time could experience stomach problems, and may have an increased risk of getting cancer. |
| Ethylene dibromide | 0.00005 mg/L | 1,000,000 | 50 ng/L | 0 | Discharge from petroleum refineries | Some people who drink water containing ethylene dibromide in excess of the MCL over many years could experience problems with their liver, stomach, reproductive system, or kidneys, and may have an increased risk of getting cancer. |
| Glyphosate | 0.7 mg/L | 1000 | 700 μg/L | 700 μg/L | Runoff from herbicide use | Some people who drink water containing glyphosate in excess of the MCL over many years could experience problems with their kidneys or adverse reproductive difficulties. |
| Heptachlor | 0.0004 mg/L | 1,000,000 | 400 ng/L | 0 | Residue of banned pesticide | Some people who drink water containing heptachlor in excess of the MCL over many years could experience liver damage and may have an increased risk of getting cancer. |

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| Heptachlor epoxide | 0.0002 mg/L | 1,000,000 | 200 ng/L | 0 | Breakdown of heptachlor | Some people who drink water containing heptachlor epoxide in excess of the MCL over many years could experience liver damage, and may have an increased risk of getting cancer. |
| Hexachlorobenzene | 0.001mg/L | 1000 | 1 μg/L | 0 | Discharge from metal refineries and agricultural chemical factories | Some people who drink water containing hexachlorobenzene in excess of the MCL over many years could experience problems with their liver or kidneys, or adverse reproductive effects, and may have an increased risk of getting cancer. |
| Hexachlorocyclopentadiene | 0.05 mg/L | 1000 | 50 μg/L | 50 μg/L | Discharge from chemical factories | Some people who drink water containing hexachlorocyclopentadiene well in excess of the MCL over many years could experience problems with their stomach or kidneys. |
| Lindane | 0.0002 mg/L | 1,000,000 | 200 ng/L | 200 ng/L | Runoff/leaching from insecticide used on cattle, lumber, gardens | Some people who drink water containing lindane in excess of the MCL over many years could experience problems with their kidneys or liver. |
| Methoxychlor | 0.04 mg/L | 1000 | 40 μg/L | 40 μg/L | Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, livestock | Some people who drink water containing methoxychlor in excess of the MCL over many years could experience reproductive difficulties. |
| Oxamyl [Vydate] | 0.2 mg/L | 1000 | 200 μg/L | 200 μg/L | Runoff/leaching from insecticide used on apples, potatoes, and tomatoes | Some people who drink water containing oxamyl in excess of the MCL over many years could experience slight nervous system effects. |
| PCBs [Polychlorinated biphenyls] | 0.0005 mg/L | 1,000,000 | 500 ng/L | 0 | Runoff from landfills; Dis- charge of waste chemicals | Some people who drink water containing PCBs in excess of the MCL over many years could experience changes in their skin, problems with their thymus gland, immune deficiencies, or reproductive or nervous system difficulties, and may have an increased risk of getting cancer. |
| Pentachlorophenol | 0.001 mg/L | 1000 | 1 μg/L | 0 | Discharge from wood preserving factories | Some people who drink water containing pentachlorophenol in excess of the MCL over many years could experience problems with their liver or kidneys, and may have an increased risk of getting cancer. |
| Picloram | 0.5 mg/L | 1000 | 500 μg/L | 500 μg/L | Herbicide runoff | Some people who drink water containing picloram in excess of the MCL over many years could experience problems with their liver. |
| Simazine | 0.004 mg/L | 1000 | 4 μg/L | 4 μg/L | Herbicide runoff | Some people who drink water containing simazine in excess of the MCL over many years could experience tremors or have problems with their blood. |
| Toxaphene | 0.003 mg/L | 1000 | 3 μg/L | 0 | Runoff/leaching from insecticide used on cotton and cattle | Some people who drink water containing toxaphene in excess of the MCL over many years could have problems with their thyroid, kidneys, or liver and may have an increased risk of getting cancer. |
| Volatile Organic Contami | inants | | | | | |
| Benzene | 0.005 mg/L | 1000 | 5 μg/L | 0 | Discharge from factories; Leaching from gas storage tanks and landfills | Some people who drink water containing benzene in excess of the MCL over many years could experience anemia or a decrease in blood platelets, and may have an increased risk of getting cancer. |
| Carbon tetrachloride | 0.005 mg/L | 1000 | 5 μg/L | 0 | Discharge from chemical plants and other industrial activities | Some people who drink water containing carbon tetrachloride in excess of the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer. |
| Chlorobenzene | 0.1 mg/L | 1000 | 100 μg/L | 100 μg/L | Discharge from chemical and agricultural chemical factories | Some people who drink water containing chlorobenzene in excess of the MCL over many years could experience problems with their kidneys or liver. |
| o-Dichlorobenzene | 0.6 mg/L | 1000 | 600 μg/L | 600 μg/L | Discharge from industrial chemical factories | Some people who drink water containing o-dichlorobenzene well in excess of the MCL over many years could experience problems with their liver, kidneys, or circulatory systems. |

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| p-Dichlorobenzene | 0.075 mg/L | 1000 | 75 μg/L | 75 μg/L | Discharge from industrial chemical factories | Some people who drink water containing p- dichlorobenzene in excess of the MCL over many years could experience anemia, damage to their liver, kidneys, or spleen, or changes in their blood. |
| 1,2-Dichloroethane | 0.005 mg/L | 1000 | 5 μg/L | 0 | Discharge from industrial chemical factories | Some people who drink water containing 1,2- dichloroethane in excess of the MCL over many years may have an increased risk of getting cancer. |
| 1,1-Dichloroethylene | 0.007 mg/L | 1000 | 7 μg/L | 7 μg/L | Discharge from industrial chemical factories | Some people who drink water containing 1,1- dichloroethylene in excess of the MCL over many years could experience problems with their liver. |
| cis-1,2-Dichloroethylene | 0.07 mg/L | 1000 | 70 μg/L | 70 μg/L | Discharge from industrial chemical factories | Some people who drink water containing cis-1,2- dichloroethylene in excess of the MCL over many years could experience problems with their liver. |
| trans-1,2-Dichloroethylene | 0.1 mg/L | 1000 | 100 μg/L | 100 μg/L | Discharge from industrial chemical factories | Some people who drink water containing trans-1,2- dichloroethylene well in excess of the MCL over many years could experience problems with their liver. |
| Dichloromethane | 0.005 mg/L | 1000 | 5 μg/L | 0 | Discharge from pharmaceutical and chemical factories | Some people who drink water containing dichloromethane in excess of the MCL over many years could have liver problems and may have an increased risk of getting cancer. |
| 1,2-Dichloropropane | 0.005 mg/L | 1000 | 5 μg/L | 0 | Discharge from industrial chemical factories | Some people who drink water containing 1,2- dichloropropane in excess of the MCL over many years may have an increased risk of getting cancer. |
| Ethylbenzene | 0.7 mg/L | 1000 | 700 μg/L | 700 μg/L | Discharge from petroleum refineries | Some people who drink water containing ethylbenzene well in excess of the MCL over many years could experience problems with their liver or kidneys. |
| Haloacetic Acids (HAA5) | 0.06 mg/L | 1000 | 60 μg/L | n/a | By-product of drinking water disinfection. | Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer. |
| Styrene | 0.1 mg/L | 1000 | 100 μg/L | 100 μg/L | Discharge from rubber and plastic factories; Leaching from landfills | Some people who drink water containing styrene well in excess of the MCL over many years could have problems with their liver, kidneys, or circulatory system. |
| Tetrachloroethylene | 0.005 mg/L | 1000 | 5 μg/L | 0 | Discharge from factories and dry cleaners | Some people who drink water containing tetrachloroethylene in excess of the MCL over many years could have problems with their liver, and may have an increased risk of getting cancer. |
| 1,2,4-Trichlorobenzene | 0.07 mg/L | 1000 | 70 μg/L | 70 μg/L | Discharge from textile- finishing factories | Some people who drink water containing 1,2,4- trichlorobenzene well in excess of the MCL over many years could experience changes in their adrenal glands. |
| 1,1,1-Trichloroethane | 0.2 mg/L | 1000 | 200 μg/L | 200 μg/L | Discharge from metal degreasing sites and other factories | Some people who drink water containing 1,1,1- trichloroethane in excess of the MCL over many years could experience problems with their liver, nervous system, or circulatory system. |
| 1,1,2-Trichloroethane | 0.005 mg/L | 1000 | 5 μg/L | 3 μg/L | Discharge from industrial chemical factories | Some people who drink water containing 1,1,2- trichloroethane well in excess of the MCL over many years could have problems with their liver, kidneys, or immune systems. |
| Trichloroethylene | 0.005 mg/L | 1000 | 5 μg/L | 0 | Discharge from metal degreasing sites and other factories | Some people who drink water containing trichloroethylene in excess of the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer. |
| TTHMs [Total trihalomethanes] | 0.08 mg/L | 1000 | 80 μg/L | n/a | By-product of drinking water chlorination | Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer. |

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| Toluene | 1 mg/L | • | 1 mg/L | 1 mg/L | Discharge from petroleum factories | Some people who drink water containing toluene well in excess of the MCL over many years could have problems with their nervous system, kidneys, or liver. |
| Vinyl Chloride | 0.002 mg/L | 1000 | 2 μg/L | 0 | Leaching from PVC piping; Discharge from plastics factories | Some people who drink water containing vinyl chloride in excess of the MCL over many years may have an increased risk of getting cancer. |
| Xylenes | 10 mg/L | • | 10 mg/L | 10 mg/L | Discharge from petroleum factories; Discharge from chemical factories | Some people who drink water containing xylenes in excess of the MCL over many years could experience damage to their nervous system. |
| Residual Disinfectants | | | | | | |
| Chloramine | MRDL = 4 mg/L | | MRDL = 4 mg/L | MRDLG = 4 mg/L | Water additive used to control microbes. | Some people who use water containing chloramines well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chloramines well in the excess of the MRDL could experience stomach discomfort or anemia. |
| Chlorine | MRDL = 4 mg/L | | MRDL = 4 mg/L | MRDLG = 4 mg/L | Water additive used to control microbes. | Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in the excess of the MRDL could experience stomach discomfort. |
| Chlorine dioxide | MRDL = 0.8 mg/L | 1000 | MRDL = 800 μg/L | MRDLG = 800 μg/L | Water additive used to control microbes. | Some infants and young children who drink water containing chlorine dioxide in excess of the MCL could experience nervous system effects. Similar effects may occur in fetuses of pregnant women who drink water containing chlorine dioxide in excess of the MCL. Some people may experience anemia. |