

APPENDIX E

**SOURCE/CONTAMINANT AND CONTAMINANT/SOURCE
TABLES**

**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION**

Source	Contaminant*
COMMERCIAL / INDUSTRIAL	
Automobile, Body Shops/Repair Shops <i>CONTAM. HAZARD: B</i>	Arsenic , Ammonium Persulfate, Barium , Benzene , Cadmium , Chlorobenzene , Copper , Creosote, cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , 1,4-Dichlorobenzene or P-Dichlorobenzene , Ethylene Glycol, Lead , Flouride, 1,1,1-Trichloroethane or Methyl Chloroform , Dichloromethane or Methylene Chloride , Nickel , Nitric Acid, Phosphoric Acid (Ortho-), Sulfuric Acid, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchlorethylene (Perk) , Trichloroethylene or TCE , Tin, Xylene (Mixed Isomers)
Boat Repair/Refinishing <i>CONTAM. HAZARD: A</i>	Ammoniacal Copper Arsenate, Benzene , Cadmium , Chromated Copper Arsenic, Coliform bacteria , Copper Quinolate, <i>Cryptosporidium parvum</i> , Epoxy, <i>Giardia lamblia</i> , Isopropanol, Lead , <i>Legionellae sp.</i> , Mercury , Nitrate , Nitrite , Polyurethane, Vinyl Chloride , Viruses
Cement/Concrete Plants <i>CONTAM. HAZARD: B</i>	Acetone, Barium , Benzene , Dichloromethane or Methylene Chloride , Ethylbenzene , Ethylene Glycol, Lead , Methanol, Styrene , Sulfuric Acid, Tetrachloroethylene or Perchlorethylene (Perk) , Toluene , Xylene (Mixed Isomers)
Chemical/Petroleum Processing <i>CONTAM. HAZARD: B</i>	Acetone, Acrylamide , Arsenic , Atrazine , Alachlor , Aluminum (Fume or Dust), Ammonia, Barium , Benzene , Cadmium , Carbofuran , Carbon Tetrachloride , Chlorine, Chlorine Dioxide, Chlorobenzene , Chloroform, Copper , Creosote, Cyanide , Captan, 2,4-D , 1,2-Dibromoethane or Ethylene Dibromide (EDB) , 1,2-Dichlorobenzene or O-Dichlorobenzene, 1,4-Dichlorobenzene or P-Dichlorobenzene , 1,1-Dichloroethylene or Vinylidene Chloride , cis 1,2 Dichloroethylene, Dichloromethane or Methylene Chloride , Di(2-ethylhexyl) adipate , Di(2-ethylhexyl) phthlate , 1,2-Dichloroethane or Ethylene Dichloride , Dioxin , Endrin , Epichlorohydrin , Ethane, Ethylbenzene, Ethylene, Ethylene Glycol, Freon 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Formaldehyde or K157, Hexachlorobenzene , Hexachlorocyclopentadiene , Hydrochloric Acid or Muriatic Acid, Hydroquinone, Hydrogen Peroxide, Isopropyl Alcohol (Manufacturing, Strong-Acid Process), Kerosene, Lead , Mercury , Methanol, Methoxychlor , Naphthalene or K156, Nickel , Nitric Acid, Oxamyl (Vydate), Polychlorinated Biphenyls , Phosphoric Acid Ortho-, Selenium , Sodium Cyanide, Styrene , Sulfate, Sulfuric Acid, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchlorethylene (Perk) , Toluene , Toluenediisocyanate (Mixed Isomers), 1,2,4-Trichlorobenzene , 1,1,1-Trichloroethane or Methyl Chloroform , Trichloroethylene or TCE , Vinyl Chloride , Xylene (Mixed Isomers) , Zinc (Fume or Dust)

* **Bold** Denotes that contaminant is a National Primary Drinking Water Contaminant

**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
COMMERCIAL / INDUSTRIAL	
Construction/Demolition CONTAM. HAZARD: B	Acetone, Arsenic , Asbestos , Ammonia, Ammoniacal Copper Arsenate, Benzene , Cadmium , Chloride, Chromated Copper Arsenic, Copper , Copper Quinolate, Cyanide , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Epoxy, Fluorides, Formaldehyde or K157, Lead , Lindane, Methanol, Nickel , Polyurethane, Phosphoric Acid Ortho-, Selenium , Sodium Cyanide, Sulfuric Acid, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk) , 1,1,1-Trichloroethane or Methyl Chloroform , Trichloroethylene or TCE , Turbidity, Xylene (Mixed Isomers) , Zinc (Fume or Dust)
Dry Cleaners/Dry Cleaning CONTAM. HAZARD: B	Amyl Acetate, Flouorocarbon 113 (Freon), Peroxide, Tetrachloroethylene or Perchloroethylene (Perk) , 1,1,1-Trichloroethane or Methyl Chloroform , 1,1,2-Trichloroethane
Dry Goods Manufacturing CONTAM. HAZARD: A	Acetone, Ammonia, Barium , Benzene , Cadmium , Chlorine, Copper , Dichloromethane or Methylene Chloride , Di(2-ethylhexyl) phthlate , Formaldehyde or K157, Hydrochloric Acid or Muriatic Acid, Isopropyl Alcohol (Manufacturing Strong-Acid Process), Lead , Methanol, 1,1,1-Trichloroethane or Methyl Chloroform , Nitric Acid, Polychlorinated Biphenyls , Sulfuric Acid, Tetrachloroethylene or Perchloroethylene (Perk) , Toluene , Toluene Diisocyanate (Mixed Isomers), Trichloroethylene or TCE , Xylene (Mixed Isomers)
Electrical/Electronic Manufacturing CONTAM. HAZARD: B	Acetone, Aluminum (Fume or Dust), Ammonia, Ammonium Persulfate, Amyl Acetate, Antimony , Arsenic , Barium , Benzene , Boric Acid, Cadmium , Chlorine, Chlorobenzene , Chloroform, Copper , Cyanide , Calcium Flouride, Carbon Tetrachloride , 1,2-Dichlorobenzene or O-Dichlorobenzene , 1,2-Dichloroethane or Ethylene Dichloride , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Di(2-ethylhexyl) phthlate , Ethylbenzene , Ethylene Glycol, Freon 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Formaldehyde or K157, Hexachlorophene, Hydrochloric Acid or Muriatic Acid, Isopropyl Alcohol (Manufacturing, Strong-Acid Process), Lead , Mercury , Methanol, Naphthalene or K156, Nickel , Nitric Acid, Polychlorinated Biphenyls , Phosphoric Acid Ortho-, Selenium , Styrene , Sulfate, Sulfuric Acid, Sodium Cyanide, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk) , 1,1,1-Trichloroethane or Methyl Chloroform , 1,1,2-Trichloroethane, Trichloroethylene or TCE , Thallium , Toluene , Toluene Diisocyanate, (Mixed Isomers), Vinyl Chloride , Xylene (Mixed Isomers) , Zinc (Fume or Dust)

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**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
COMMERCIAL / INDUSTRIAL	
Fleet/Trucking/ Bus Terminals <i>CONTAM. HAZARD: A</i>	Acetone, Arsenic , Acrylamide, Barium , Benzene , Benzo(a)pyrene , Cadmium , Chlorobenzene , Chloroform, Creosote, Cyanide , Carbon Tetrachloride , 2,4-D , 1,2-Dichlorobenzene or O-Dichlorobenzene , 1,4-Dichlorobenzene or P-Dichlorobenzene , 1,2-Dichloroethane or Ethylene Dichloride , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Di(2-ethylhexyl) phthlate , Epichlorohydrin , Formaldehyde or K157, Heptachlor (and Epoxide) , Hydrochloric Acid or Muriatic Acid, Lead , Lindane, Mercury , Methanol, Methoxychlor , Naphthalene or K156, Pentachlorophenol , Phosphoric Acid Ortho-, Propylene Dichloride or 1,2-Dichloropropane , Selenium , Styrene , Sulfuric Acid, Sodium Cyanide, Toxaphene , 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchlorethylene (Perk) , Toluene , Toluene Diisocyanate (Mixed Isomers), 1,1,1-Trichloroethane or Methyl Chloroform , Trichloroethylene or TCE , Vinyl Chloride , Xylene (Mixed Isomers)
Food Processing <i>CONTAM. HAZARD: B</i>	Arsenic , Ammonia, Benzene , Cadmium , Chlorine, Chloroform, Copper , Carbon Tetrachloride , Dichloromethane or Methylene Chloride , Formaldehyde or K157, Hydrochloric Acid or Muriatic Acid, Lead , Mercury , Methanol, Nitric Acid, Picloram , Phosphoric Acid Ortho-, Sulfuric Acid, Sodium Cyanide, Tetrachloroethylene or Perchlorethylene (Perk) , Toluene , Toluene Diisocyanate (Mixed Isomers), 1,1,1-Trichloroethane or Methyl Chloroform , Trichloroethylene or TCE , Xylene (Mixed Isomers)
Funeral Services/Graveyards <i>CONTAM. HAZARD: B</i>	Atrazine , Benomyl, Chlorpyrifos, Diazinon, Diquat , Glyphosate , Dichloromethane or Methylene Chloride , Nitrosamine, Phosphates
Furniture Repair/Manufacturing <i>CONTAM. HAZARD: B</i>	Ammoniacal Copper Arsenate, Barium , Chromated Copper Arsenic, Copper Quinolate, 1,2-Dichloroethane or Ethylene Dichloride , Dichloromethane or Methylene Chloride , Epoxy, Ethylbenzene , Freon 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Lead , Mercury , Nickel , Polyurethane, Phosphoric Acid Ortho-, Selenium , Sodium Cyanide, 1,1,2,2-Tetrachloroethane, Trichloroethylene or TCE , Tin
Gas Stations <i>CONTAM. HAZARD: A</i>	Benzene , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Ethylbenzene , Ethylene Glycol, Lead , 1,1,2,2-Tetrachloroethane, Methanol, Tetrachloroethylene or Perchlorethylene (Perk) , Trichloroethylene or TCE , Toluene , Xylene (Mixed Isomers)
Hardware/Lumber/Parts Stores <i>CONTAM. HAZARD: B</i>	Acetone, Aluminum (Fume or Dust), Ammonia, Ammoniacal Copper Arsenate, Barium , Benzene , Cadmium , Captan, Chlorine, Chlorobenzene , Chloroform, Chromated Copper Arsenic, Copper , Copper Quinolate, Dichloromethane or Methylene Chloride , Di(2-ethylhexyl)adipate , Di(2-ethylhexyl) phthlate , 1,4-Dichlorobenzene or P-Dichlorobenzene , Ethylbenzene , Ethylene Glycol, Freon 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Hydrochloric Acid or Muriatic Acid, Lead , Mercury , Methanol, Nickel , Nitric Acid, Polyurethane, Phosphoric Acid Ortho-, Sulfuric Acid, Tetrachloroethylene or Perchlorethylene (Perk) , 1,1,1-Trichloroethane or Methyl Chloroform , Trichloroethylene or TCE , Toluene , Xylene (Mixed Isomers)

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**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
COMMERCIAL / INDUSTRIAL	
Historic Waste Dumps/Landfills <i>CONTAM. HAZARD: B</i>	Atrazine, Alachlor, Benomyl, Chlorpyrifos, Carbofuran, cis 1,2-Dichloroethylene, trans 1,2-Dichloroethylene, Diquat, Dalapon, Diazinon, Epoxy, Glyphosate, Dichloromethane or Methylene Chloride, Manganese, Nitrate, Nitrite, Nitrosamine, Oxamyl (Vydate), Peroxide, Phosphates, Picloram, Sulfate, Simazine, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk), Trichloroethylene or TCE, Tin
Home Manufacturing <i>CONTAM. HAZARD: B</i>	Acetone, Arsenic , Ammonia, Ammoniacal Copper Arsenate, Barium, Benzene, Cadmium , Chlorine, Chlorobenzene , Chloroform, Chromated Copper Arsenic, Copper , Copper Quinolate, Carbon Tetrachloride, 1,2-Dichlorobenzene or O-Dichlorobenzene, cis 1,2-Dichloroethylene, trans 1,2-Dichloroethylene, Dichloromethane or Methylene Chloride, Di(2-ethylhexyl) phthlate , Epoxy, Ethylbenzene , Formaldehyde or K157, Hydrochloric Acid or Muriatic Acid, Lead, Mercury , Methanol, Naphthalene or K156, Nickel , Nitric Acid, Polyurethane, Phosphoric Acid Ortho-, Selenium, Styrene , Sulfuric Acid, Tetrachloroethylene or Perchloroethylene (Perk), 1,1,1-Trichloroethane or Methyl Chloroform, Trichloroethylene or TCE, 1,1,2,2-Tetrachloroethane, Toluene, Turbidity, Xylene (Mixed Isomers)
Injection Wells <i>CONTAM. HAZARD: B</i>	Atrazine, Alachlor, Benomyl, Bromine, Chlorpyrifos, Cyanuric Acid, Calcium Hypochlorate, Chlorine, Carbofuran, Dalapon, cis 1,2-Dichloroethylene, trans 1,2-Dichloroethylene, Dichloromethane or Methylene Chloride, Diquat, Diazinon, Endothall, Flouride, Glyphosate, Hydrochloric Acid or Muriatic Acid, Iodine, Isopropanol, Methanol, Nitrosamine, Oxamyl (Vydate), Peroxide, Phosphates, Picloram, Simazine, Sodium Carbonate, Sodium Hypochlorate, Sulfate, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk), Trichloroethylene or TCE, Tin
Junk/Scrap/Salvage Yards <i>CONTAM. HAZARD: B</i>	Barium, Benomyl, Benzene, Boric Acid, Chlorpyrifos, Chromated Copper Arsenic, Copper, cis Dalapon, 1,2-Dichloroethylene, Diquat, Diazinon, Epoxy, Ethylene Glycol, Glyphosate, Isopropanol, Lead, N Manganese, ickel, Nitric Acid, Nitrosamine, Polychlorinated Biphenyls, Phosphates, Sulfate, Simazine, Trichloroethylene or TCE, 1,1,2,2 - Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk), Tin

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**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
COMMERCIAL / INDUSTRIAL	
Machine Shops <i>CONTAM. HAZARD: B</i>	Acetone, Arsenic , Aluminum (Fume or Dust), Ammonia, Ammonium Persulfate, Barium , Benzene , Boric Acid, Cadmium , Chlorine, Chlorobenzene , Chloroform, Copper , Creosote, Cyanide , Carbon Tetrachloride , 2,4-D , 1,4-Dichlorobenzene or P-Dichlorobenzene , 1,2-Dichloroethane or Ethylene Dichloride , 1,1-Dichloroethylene or Vinylidene Chloride , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Di(2-ethylhexyl) phthlate , Ethylbenzene , Ethylene Glycol, Flouride, Freon 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Formaldehyde or K157, Hexachlorobenzene , Hydrochloric Acid or Muriatic Acid, Hydrogen Cyanide, Isopropyl Alcohol (Manufacturing, Strong-Acid Process), Lead , Mercury , Methanol, Naphthalene or K156, Nickel , Nitric Acid, Polychlorinated Biphenyls , Pentachlorophenol , Phosphoric Acid Ortho-, Selenium , Strychnine, Styrene , Sulfuric Acid, Sodium Cyanide, Tetrachloroethylene or Perchloroethylene (Perk) , Tetrachloroethane-1,1,2,2, Tin, Toluene , Toluenediisocyanate (Mixed Isomers) 1,1,1-Trichloroethane or Methyl Chloroform , 1,1,2-Trichloroethane, Trichloroethylene or TCE , Xylene (Mixed Isomers) , Zinc (Fume or Dust)
Medical/Vet Offices <i>CONTAM. HAZARD: B</i>	Acetone, Arsenic , Acrylamide , Barium , Benzene , Cadmium , Chloroform, Copper , Cyanide , Carbon Tetrachloride , Dichloromethane or Methylene Chloride , 1,2-Dichloroethane or Ethylene Dichloride , Ethylene Glycol, Freon 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Formaldehyde or K157, Glutaldehyde, Hydrochloric Acid or Muriatic Acid, Lead , Mercury , Methanol, Methoxychlor , 1,1,1-Trichloroethane or Methyl Chloroform , Nickel , Potassium Alum (dodecahydrate), Potassium Bromide, Radionuclides, Selenium , Silver, Sulfuric Acid, Sodium Carbonate, Sodium Cyanide, Sodium Sulfite, Sulfuric Acid, Tetrachloroethylene or Perchloroethylene (Perk) , 2,4,5-TP (Silvex) , Thallium , Thiosulfates, Toluene , Xylene (Mixed Isomers)
Metal Plating/Finishing/Fabricating <i>CONTAM. HAZARD: B</i>	Acetone, Antimony , Acetylene, Aluminum (Fume or Dust), Ammonia, Ammonium Persulfate, Arsenic , Barium , Benzene , Boric Acid, Cadmium , Carbon Tetrachloride , Chlorine, Chlorobenzene , Chloroform, Chromium , Copper , Cyanide , 1,4-Dichlorobenzene or P-Dichlorobenzene , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Di(2-ethylhexyl) adipate , Ethylbenzene , Ethylene Glycol, Flouride, Freon 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Formaldehyde or K157, Hydrochloric Acid or Muriatic Acid, Hydrogen Cyanide, Isopropyl Alcohol (Manufacturing Strong-Acid Process), Lead , Mercury , Manganese, Methanol, Naphthalene or K156, Nickel , Nitric Acid, Polychlorinated Biphenyls , Pentachlorophenol , Phosphoric Acid Ortho-, Selenium , Styrene , Sulfate, Sulfuric Acid, Sodium Cyanide, Tetrachloroethylene or Perchloroethylene (Perk) , 1,1,2,2 Tetrachloroethane, Thallium , Tin, Toluene , 1,1,1-Trichloroethane or Methyl Chloroform , 1,1,2-Trichloroethane, Trichloroethylene or TCE , Vinyl Chloride , Xylene (Mixed Isomers) , Zinc (Fume or Dust)

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**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
COMMERCIAL / INDUSTRIAL	
Military Installations <i>CONTAM. HAZARD: A</i>	Arsenic, Barium, Benzene, Cadmium, Chlorobenzene, 1,2-Dichlorobenzene or O-Dichlorobenzene, 1,2-Dichloroethane or Ethylene Dichloride, cis 1,2-Dichloroethylene, trans 1,2-Dichloroethylene, Dichloromethane or Methylene Chloride, Hexachlorobenzene, Lead, Mercury, Methanol, Methoxychlor, 1,1,1-Trichloroethane or Methyl Chloroform, Radionuclides, Selenium, Tetrachloroethylene or Perchloroethylene (Perk), 1,1,2,2 Tetrachloroethane, Toluene, Trichloroethylene or TCE
Mines/Gravel Pits <i>CONTAM. HAZARD: B</i>	Ammonia, Hydrochloric Acid or Muriatic Acid, Lead , Naphthalene or K156, Phosphoric Acid Ortho-, Selenium , Sulfate, Tetrachloroethylene or Perchloroethylene (Perk) , Tin, 1,1,1-Trichloroethane or Methyl Chloroform , Turbidity
Motor Pools <i>CONTAM. HAZARD: A</i>	cis 1,2-Dichloroethylene, trans 1,2-Dichloroethylene, Dichloromethane or Methylene Chloride, 1,1,2,2 Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk), Trichloroethylene or TCE
Office Building/Complex <i>CONTAM. HAZARD: B</i>	Acetone, Atrazine, Ammonia, Barium , Benomyl, Benzene, Cadmium , Chlorine, Chlorpyrifos, Copper, 2,4-D , Diazinon, 1,2-Dichlorobenzene or O-Dichlorobenzene, Dichloromethane or Methylene Chloride, Diquat, 1,2-Dichloroethane or Ethylene Dichloride, Ethylbenzene , Ethylene Glycol, Freon 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Formaldehyde or K157, Glyphosate , Hydrochloric Acid or Muriatic Acid, Iodine, Isopropanol, Isopropyl Alcohol (Manufacturing Strong-Acid Process), Lead, Mercury , Methanol, Nitric Acid, Nitrosamine, Phosphates, Phosphoric Acid Ortho-, Selenium , Sulfuric Acid, Simazine, Tetrachloroethylene or Perchloroethylene (Perk), 1,1,1-Trichloroethane or Methyl Chloroform, Trichloroethylene or TCE, Toluene, Vinyl Chloride, Xylene (Mixed Isomers)
Photo Processing/Printing <i>CONTAM. HAZARD: B</i>	Acetone, Acrylamide , Aluminum (Fume or Dust), Ammonia, Arsenic, Barium, Benzene, Cadmium, Carbon Tetrachloride , Chlorine, Chlorobenzene , Chloroform, Copper, Cyanide, 1,1-Dichloroethylene or Vinylidene Chloride, cis 1,2-Dichloroethylene, trans 1,2-Dichloroethylene, Dichloromethane or Methylene Chloride, Di(2-ethylhexyl) phthlate, 1,2-Dichlorobenzene or O-Dichlorobenzene, 1,4-Dichlorobenzene or P-Dichlorobenzene, 1,2-Dichloroethane or Ethylene Dichloride, 1,2-Dibromoethane or Ethylene Dibromide (EDB) , Ethylene Glycol, Freon 113 or CFC 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Formaldehyde or K157, Heptachlor (and Epoxide), Hexachlorobenzene , Hydrochloric Acid or Muriatic Acid, Hydroquinone, Isopropyl Alcohol (Manufacturing Strong-Acid Process), Lead , Lindane, Mercury , Methanol, Methoxychlor, Nickel , Nitric Acid, Phosphoric Acid Ortho-, Propylene Dichloride or 1,2-Dichloropropane, Selenium , Sodium Cyanide, Styrene , Sulfuric Acid, Tetrachloroethylene or Perchloroethylene (Perk), 1,1,1-Trichloroethane or Methyl Chloroform, 1,1,2,2-Tetrachloroethane, Toluene, Toluene Diisocyanate (Mixed Isomers), 1,1,2-Trichloroethane, Trichloroethylene or TCE, Vinyl Chloride, Xylene (Mixed Isomers), Zinc (Fume or Dust)

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**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
COMMERCIAL / INDUSTRIAL	
Synthetic / Plastics Production <i>CONTAM. HAZARD: B</i>	Acetone, Antimony , Ammonia, Arsenic , Barium , Benzene , Boric Acid, Cadmium , Captan, Carbon Tetrachloride , Chlorine, Chlorobenzene , Chloroform, Copper , Cyanide , 1,2-Dichlorobenzene or O-Dichlorobenzene , 1,4-Dichlorobenzene or P-Dichlorobenzene , 1,2-Dichloroethane or Ethylene Dichloride , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Di(2-ethylhexyl) adipate , Di(2-ethylhexyl) phthlate , Ethylbenzene , Ethylene Glycol, Freon 113 or CFC 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Formaldehyde or K157, Hexachlorobenzene , Hydrochloric Acid or Muriatic Acid, Hydroquinone, Isopropyl Alcohol (Manufacturing, Strong-Acid Process), Kerosene, Lead , Mercury , Methanol, Methyl Chloroform or 1,1,1-Trichloroethane, Nickel , Nitric Acid, Pentachlorophenol , Peroxide, Phosphoric Acid Ortho-, Selenium , Sodium Cyanide, Styrene , Sulfuric Acid, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk) , Toluene , Toluene Diisocyanate (Mixed Isomers), Trichloroethylene or TCE , Vinyl Chloride , Xylene (Mixed Isomers) , Zinc (Fume or Dust)
RV/Mini Storage <i>CONTAM. HAZARD: B</i>	Arsenic , Barium , Chloroform, Cyanide , 2,4-D , Endrin , Formaldehyde or K157, Lead , Methoxychlor
Railroad Yards/Maintenance/Fueling Areas <i>CONTAM. HAZARD: B</i>	Atrazine , Ammoniacal Copper Arsenate, Barium , Benzene , Cadmium , Chlorine, Chromated Copper Arsenic, Copper Quinolate, Dalapon , 1,4-Dichlorobenzene or P-Dichlorobenzene , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Polyurethane, Lead , Mercury , Tetrachloroethane-1,1,2,2, Trichloroethylene or TCE , Tetrachloroethylene or Perchloroethylene (Perk)
Research Laboratories <i>CONTAM. HAZARD: B</i>	Acetone, Arsenic , Barium , Benomyl, Benzene , Beryllium Powder , Cadmium , Carbon Tetrachloride , Chlorine, Chlorobenzene , Chloroform, Cyanide , 1,2-Dichloroethane or Ethylene Dichloride , 1,1-Dichloroethylene or Vinylidene Chloride , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Endrin , Freon 113 or CFC 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, Formaldehyde or K157, Glutaldehyde, Hydrochloric Acid or Muriatic Acid, Isopropyl Alcohol (Manufacturing Strong-Acid Process), Lead , Mercury , Methanol, Polychlorinated Biphenyls , Potassium Alum (dodecahydrate), Potassium Bromide, Selenium , Sulfuric Acid, Sodium Carbonate, Sodium Cyanide, Sodium Sulfite, Tetrachloroethane-1,1,2,2, Tetrachloroethylene or Perchloroethylene (Perk) , Thallium , Thiosulfates, Toluene , Toluene Diisocyanate (Mixed Isomers), 1,1,1-Trichloroethane or Methyl Chloroform , Trichloroethylene or TCE , Vinyl Chloride , Xylene (Mixed Isomers)

* **Bold** Denotes that contaminant is a National Primary Drinking Water Contaminant

**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
COMMERCIAL / INDUSTRIAL	
Retail Operations <i>CONTAM. HAZARD: B</i>	Acetone, Ammonia, Arsenic, Barium, Benzene, Cadmium , Chlorine, 2,4-D, 1,2-Dichloroethane or Ethylene Dichloride , Hydrochloric Acid or Muriatic Acid, Lead, Mercury , Methanol, Naphthalene or K156, Nitric Acid, Phosphoric Acid Ortho-, Styrene , Sulfuric Acid, Sodium Cyanide, Tetrachloroethylene or Perchloroethylene (Perk), Toluene, 1,1,1-Trichloroethane or Methyl Chloroform, Vinyl Chloride
Underground Storage Tanks <i>CONTAM. HAZARD: A</i>	Arsenic, Barium, Benzene, Cadmium, 1,4-Dichlorobenzene or P-Dichlorobenzene, Lead, Trichloroethylene or TCE
Wholesale Distribution Activities <i>CONTAM. HAZARD: A</i>	Benzene, Lead, Styrene, 1,1,1-Trichloroethane or Methyl Chloroform
Wood Preserving/Treating <i>CONTAM. HAZARD: B</i>	Ammoniacal Copper Arsenate, Chromated Copper Arsenic, Creosote, cis 1,2-Dichloroethylene, trans 1,2-Dichloroethylene , Epoxy, Formaldehyde or K157, Lead , Naphthalene or K156, Polyurethane, Sulfate
Wood/Pulp/Paper Processing <i>CONTAM. HAZARD: A</i>	Acetone, Ammonia, Arsenic , Ammoniacal Copper Arsenate, Barium, Benzene, Cadmium , Chlorine, Chlorine Dioxide, Carbon Tetrachloride , Chloroform, Chromated Copper Arsenic, Chromic Acid, Copper , Copper Quinolate, Dichloromethane or Methylene Chloride, Dioxin, 1,2-Dichloroethane or Ethylene Dichloride , Epoxy, Ethylbenzene , Ethylene Glycol, Formaldehyde, K157, Hydrochloric Acid or Muriatic Acid, Isopropyl Alcohol (Manufacturing Strong-Acid Process), Lead, Mercury , Methanol, Nitric Acid, Polychlorinated Biphenyls , Polyurethane, Phosphoric Acid Ortho-, Selenium, Styrene , Sulfuric Acid, Gas, Tetrachloroethylene or Perchloroethylene (Perk), Trichloroethylene or TCE, Toluene, 1,1,1-Trichloroethane or Methyl Chloroform, Xylene (Mixed Isomers)

* **Bold** Denotes that contaminant is a National Primary Drinking Water Contaminant

**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
RESIDENTIAL / MUNICIPAL	
Airports (Maintenance/Fueling Areas) <i>CONTAM. HAZARD: B</i>	Arsenic, Barium, Benzene, Cadmium, Chlorine, Carbon Tetrachloride, cis 1,2- Dichloroethylene, Dichloromethane or Methylene Chloride, Ethylbenzene, Ethylene Glycol, Freon 113 or 1,1,2-trichloro-1,2,2-trifluoroethane, Hydrochloric Acid or Muriatic Acid, Lead, Mercury, Sulfuric Acid, Selenium, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk), 1,1,1-Trichloroethane or Methyl Chloroform, Trichloroethylene or TCE, Urea or Carbamide, Xylene (Mixed Isomers)
Apartments and Condominiums <i>CONTAM. HAZARD: A</i>	Atrazine, Alachlor, Benomyl, Bromine, Chlorpyrifos, Coliform bacteria, Cryptosporidium parvum, Cyanuric Acid, Calcium Hypochlorate, Chlorine, Diquat, Dalapon, Diazinon, Epoxy, Giardia lamblia, Glyphosate, Hydrochloric Acid or Muriatic Acid, Iodine, Isopropanol, Legionellae sp., Nitrate, Nitrite, Nitrosamine, Oxamyl (Vydate), Phosphates, Picloram, Sulfate, Simazine, Sodium Carbonate, Sodium Hypochlorate, Vinyl Chloride, Viruses
Camp Grounds/RV Parks <i>CONTAM. HAZARD: A</i>	Benomyl, Chlorpyrifos, Coliform bacteria, Cryptosporidium parvum, Diquat, Dalapon, Diazinon, Giardia lamblia, Glyphosate, Isopropanol, Legionellae sp., Nitrate, Nitrite, Nitrosamine, Phosphates, Picloram, Sulfate, Simazine, Turbidity, Vinyl Chloride, Viruses
Drinking Water Treatment <i>CONTAM. HAZARD: B</i>	Atrazine, Benzene, Cadmium, Cyanide, Flouride, Isopropyl Alcohol (Manufacturing Strong-Acid Process), Lead, Polychlorinated Biphenyls, Phosphoric Acid Ortho-, Sulfuric Acid, Tetrachloroethylene or Perchloroethylene (Perk), Toluene, Total Trihalomethanes, 1,1,1-Trichloroethane or Methyl Chloroform
Golf Courses and Parks <i>CONTAM. HAZARD: B</i>	Arsenic, Atrazine, Benomyl, Benzene, Chlorobenzene, Chlorpyrifos, Carbofuran, 2,4-D, Diquat, Dalapon, Diazinon, Glyphosate, Lead, Methoxychlor, Nitrate, Nitrite, Nitrosamine, Phosphates, Picloram, Simazine, Turbidity
Housing <i>CONTAM. HAZARD: A</i>	Atrazine, Alachlor, Benomyl, Bromine, Chlorpyrifos, Coliform bacteria, Cryptosporidium parvum, Cyanuric Acid, Calcium Hypochlorate, Carbofuran, Chlorine, Diquat, Dalapon, Diazinon, Epoxy, Giardia lamblia, Glyphosate, Hydrochloric Acid or Muriatic Acid, Iodine, Isopropanol, Legionellae sp., Dichloromethane or Methylene Chloride, Nitrate, Nitrite, Nitrosamine, Oxamyl (Vydate), Phosphates, Picloram, Simazine, Sodium Carbonate, Sodium Hypochlorate, Tetrachloroethane-1,1,2,2, Trichloroethylene or TCE, Turbidity, Vinyl Chloride, Viruses
Injection Wells <i>CONTAM. HAZARD: B</i>	Atrazine, Alachlor, Benomyl, Bromine, Chlorpyrifos, Cyanuric Acid, Calcium Hypochlorate, Chlorine, Carbofuran, cis 1,2-Dichloroethylene, trans 1,2-Dichloroethylene, Dichloromethane or Methylene Chloride, Diquat, Dalapon, Diazinon, Flouride, Glyphosate, Hydrochloric Acid or Muriatic Acid, Iodine, Isopropanol, Methanol, Nitrosamine, Oxamyl (Vydate), Peroxide, Phosphates, Picloram, Sulfate, Simazine, Sodium Carbonate, Sodium Hypochlorate, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk), Tin, Trichloroethylene or TCE

* **Bold** Denotes that contaminant is a National Primary Drinking Water Contaminant

**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
RESIDENTIAL / MUNICIPAL	
Landfills/Dumps <i>CONTAM. HAZARD: B</i>	Arsenic, Atrazine, Alachlor, Ammonia, Barium, Benomyl, Benzene, Cadmium, Chlorine, Chlorpyrifos, Carbofuran, cis 1,2 Dichloroethylene, Diquat, Diazinon, Epoxy, Ethylene Glycol, Glyphosate, Hydrochloric Acid or Muriatic Acid, Isopropanol, Lead, Lindane, Mercury, Methane, 1,1,1-Trichloroethane or Methyl Chloroform, Dichloromethane or Methylene Chloride, Nitrate, Nitrite, Nitrosamine, Oxamyl (Vydate), Peroxide, Phosphates, Picloram, Selenium, Sulfuric Acid, Simazine, 1,1,2,2-Tetrachloroethane, Tin, Trichloroethylene or TCE
Public Buildings and Civic Organizations <i>CONTAM. HAZARD: B</i>	Acetone, Arsenic, Acrylamide, Barium, Benzene, Beryllium Powder, Cadmium, Carbon Tetrachloride, Chlorine, Chlorobenzene, Chloroform, Cyanide, 2,4-D, 1,2-Dichlorobenzene or O-Dichlorobenzene, 1,4-Dichlorobenzene or P-Dichlorobenzene, Dichloromethane or Methylene Chloride, Di(2-ethylhexyl) phthlate, 1,2-Dichloroethane or Ethylene Dichloride, Endothall, Endrin, 1,2-Dibromoethane or Ethylene Dibromide (EDB), Formaldehyde or K157, Lead, Lindane, Mercury, Methanol, Methoxychlor, Naphthalene or K156, Selenium, Sodium Cyanide, Strychnine, Sulfuric Acid, Tetrachloroethylene or Perchlorethylene (Perk), Toluene, Toluene Diisocyanate (Mixed Isomers), 1,1,1-Trichloroethane or Methyl Chloroform, Trichloroethylene or TCE, Vinyl Chloride, Xylene (Mixed Isomers)
Schools <i>CONTAM. HAZARD: B</i>	Acetone, Arsenic, Atrazine, Acrylamide, Barium, Benomyl, Benzene, Beryllium Powder, Cadmium, Chlorine, Chlorobenzene, Chloroform, Chlorpyrifos, Creosote, Cyanide, Carbon Tetrachloride, 2,4-D, Dichloride, 1,2-Dichlorobenzene or O-Dichlorobenzene, 1,4-Dichlorobenzene or P-Dichlorobenzene, Dichloromethane or Methylene Chloride, Diquat, Diazinon, 1,2-Dichloroethane or Ethylene, Endothall, Endrin, Formaldehyde or K157, Glyphosate, Isopropanol, Lead, Mercury, Methanol, 1,1,1-Trichloroethane or Methyl Chloroform, Naphthalene or K156, Nitrosamine, Phosphates, Selenium, Strychnine, Sodium Cyanide, Tetrachloroethylene or Perchlorethylene (Perk), Toluene, Toluene Diisocyanate (Mixed Isomers), Trichloroethylene or TCE, Xylene (Mixed Isomers)
Septic Systems <i>CONTAM. HAZARD: B</i>	Atrazine, Alachlor, Benomyl, Bromine, Calcium Hypochlorate, Carbofuran, Chlorpyrifos, Coliform bacteria, Cryptosporidium parvum, Cyanuric Acid, Diquat, Dalapon, Diazinon, Giardia lamblia, Glyphosate, Hydrochloric Acid or Muriatic Acid, Iodine, Isopropanol, Legionellae sp., Methane, Nitrate, Nitrite, Nitrosamine, Oxamyl (Vydate), Peroxide, Phosphates, Picloram, Sulfate, Simazine, Sodium Carbonate, Sodium Hypochlorate, Vinyl Chloride, Viruses
Transportation Corridors <i>CONTAM. HAZARD: B</i>	Dalapon, Picloram, Simazine, Sodium, Sodium Chloride

* **Bold** Denotes that contaminant is a National Primary Drinking Water Contaminant

**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
RESIDENTIAL / MUNICIPAL	
Utility Stations <i>CONTAM. HAZARD: B</i>	Acetone, Arsenic , Atrazine , Barium , Benzene , Boric Acid, Cadmium , Chlorine, Chlorobenzene , Chloroform, Creosote, Cyanide , 2,4-D , Dalapon , 1,4-Dichlorobenzene or P-Dichlorobenzene , 1,2-Dichloroethane or Ethylene Dichloride , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Formaldehyde or K157, Lead , Mercury , Methanol, Picloram , Simazine , Sodium, Sodium Chloride, Sodium Cyanide, Tin, Toluene , 1,1,2,2- Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk) , Trichloroethylene or TCE , Xylene (Mixed Isomers)
Waste Transfer /Recycling <i>CONTAM. HAZARD: A</i>	Coliform bacteria , <i>Cryptosporidium parvum</i> , <i>Giardia lamblia</i> , <i>Legionellae sp.</i> , Nitrate, Nitrite, Vinyl Chloride , Viruses
Wastewater Treatment <i>CONTAM. HAZARD: A</i>	Cadmium , Chloroform, Coliform bacteria , <i>Cryptosporidium parvum</i> , cis 1,2-Dichloroethylene , trans 1,2-Dichloroethylene , Dichloromethane or Methylene Chloride , Flouride, <i>Giardia lamblia</i> , Isopropanol, Lead , <i>Legionellae sp.</i> , Mercury , Nitrate, Nitrite, Tetrachloroethylene or Perchloroethylene (Perk) Selenium , Sulfate, Tin, 1,1,2,2-Tetrachloroethane, Trichloroethylene or TCE , Vinyl Chloride , Viruses
Wells <i>CONTAM. HAZARD: B</i>	Atrazine , Alachlor , Benomyl, Bromine, Chlorpyrifos, Cyanuric Acid, Calcium Hypochlorate, Carbofuran , Diquat , Dalapon , Diazinon, Flouride, Glyphosate , Heptachlor Epoxide, Hydrochloric Acid or Muriatic Acid, Iodine, Isopropanol, Dichloromethane or Methylene Chloride , Nitrosamine, Oxamyl (Vydate) , Peroxide, Phosphates, Picloram , Simazine , Sodium Carbonate, Sodium Hypochlorate, Sulfate, Tetrachloroethane-1,1,2,2, Tetrachloroethylene or Perchloroethylene (Perk) , Tin, Trichloroethylene or TCE

* **Bold** Denotes that contaminant is a National Primary Drinking Water Contaminant

**TABLE E-1
POTENTIAL SOURCES OF CONTAMINATION (cont.)**

Source	Contaminant*
AGRICULTURAL / RURAL	
Auction Lots/Boarding Stables <i>CONTAM. HAZARD: A</i>	Coliform bacteria, <i>Cryptosporidium parvum</i> , <i>Giardia lamblia</i> , <i>Legionellae sp.</i> , Nitrate, Nitrite, Sulfate
Confined Animal Feeding Operations <i>CONTAM. HAZARD: A</i>	Coliform bacteria, <i>Cryptosporidium parvum</i> , Freon 113 or 1,1,2-Trichloro-1,2,2-trifluoroethane, <i>Giardia lamblia</i> , <i>Legionellae sp.</i> , Nitrate, Nitric Acid, Nitrite, Sulfate, Vinyl Chloride, Viruses
Crops - Irrigated + Nonirrigated <i>CONTAM. HAZARD: B</i>	Acetone, Ammonia, Benzene, 2,4-D, Dalapon, Dinoseb, Diquat, Glyphosate, Lindane, Lead, Nitrate, Nitrite, Phosphoric Acid Ortho-, Picloram, Simazine, Sulfuric Acid, Turbidity
Injection Wells <i>CONTAM. HAZARD: B</i>	Atrazine, Alachlor, Benomyl, Bromine, Calcium Hypochlorate, Carbofuran, Chlorpyrifos, Cyanuric Acid, Chlorine, Dalapon, Diazinon, cis 1,2-Dichloroethylene, trans 1,2-Dichloroethylene, Dichloromethane or Methylene Chloride, Diquat, Glyphosate, Hydrochloric Acid or Muriatic Acid, Iodine, Isopropanol, Methanol, Nitrosamine, Oxamyl (Vydate), Peroxide, Phosphates, Picloram, Sulfate, Simazine, Sodium Carbonate, Sodium Hypochlorate, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene or Perchloroethylene (Perk), Trichloroethylene or TCE, Tin
Lagoons and Liquid Waste <i>CONTAM. HAZARD: A</i>	Atrazine, Alachlor, Coliform bacteria, <i>Cryptosporidium parvum</i> , Carbofuran, Diquat, Dalapon, <i>Giardia lamblia</i> , Glyphosate, <i>Legionellae sp.</i> , Methane, Nitrate, Nitrite, Oxamyl (Vydate), Picloram, Sulfate, Simazine, Vinyl Chloride, Viruses
Managed Forests <i>CONTAM. HAZARD: B</i>	Atrazine, Diquat, Benomyl, Chlorpyrifos, Diazinon, Glyphosate, Nitrosamine, Phosphates, Picloram, Simazine, Turbidity
Pesticide/Fertilizer/Petroleum Storage <i>CONTAM. HAZARD: B</i>	Atrazine, Alachlor, Benomyl, Chlorpyrifos, Carbofuran, Chlordane, 2,4-D, Diquat, Dalapon, Diazinon, 1,2-Dibromo-3-Chloropropane or DBCP, Glyphosate, Nitrate, Nitrite, Nitrosamine, Oxamyl (Vydate), Phosphates, Phosphorus, Picloram, Strychnine, Simazine, 2,4-TP (Silvex)
Rural Homesteads <i>CONTAM. HAZARD: A</i>	Atrazine, Alachlor, Benomyl, Bromine, Calcium Hypochlorate, Carbofuran, Chlorine, Chlorpyrifos, Coliform bacteria, <i>Cryptosporidium parvum</i> , Cyanuric Acid, cis 1,2-Dichloroethylene, trans 1,2-Dichloroethylene, Diquat, Dalapon, Diazinon, <i>Giardia lamblia</i> , Glyphosate, Hydrochloric Acid or Muriatic Acid, Iodine, Isopropanol, <i>Legionellae sp.</i> , Nitrate, Nitrite, Nitrosamine, Oxamyl (Vydate), Phosphates, Picloram, Sulfate, Simazine, Sodium Carbonate, Sodium Hypochlorate, Vinyl Chloride, Viruses
Naturally Occurring <i>CONTAM. HAZARD: B</i>	Antimony, Arsenic, Barium, Cadmium, Chloride, Chromium, Coliform, Copper, <i>Cryptosporidium parvum</i> , Fluoride, <i>Giardia lamblia</i> , Iron, Lead, <i>Legionellae sp.</i> , Manganese, Mercury, Nickel, Radionuclides, Selenium, Silver, Sodium, Sulfate, Zinc

* **Bold** Denotes that contaminant is a National Primary Drinking Water Contaminant

TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS
NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL ¹	MCLG ²	Source
INORGANIC CONTAMINANTS				
Antimony	B	0.006	0.006	Commercial / Industrial Electrical / Electronic Manufacturing, Metal Plating / Finishing / Fabricating, Synthetics / Plastics Production
Arsenic	B	0.05	None	Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Construction / Demolition, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Home Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Photo Processing / Printing, RV / Mini Storage, Research Laboratories, Retail Operations, Wood / Pulp / Paper Processing Residential / Municipal Airports (Maintenance / Fueling Areas), Golf Courses and Parks, Landfills / Dumps, Public Buildings and Civic Organizations, Schools, Utility Stations
Asbestos	B	7M fibers / L	7M fibers / L	Commercial / Industrial Construction / Demolition
Barium	B	2	2	Commercial / Industrial Automobile Body Shops / Repair Shops, Cement / Concrete Plants, Chemical / Petroleum Processing, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Furniture Repair / Manufacturing, Hardware / Lumber / Parts Stores, Home Manufacturing, Junk / Scrap / Salvage Yards, Machine Shops, Office Building / Complex, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Photo Processing / Printing, Railroad Yards / Maintenance / Fueling Areas, Research Laboratories, Retail Operations, Synthetics / Plastics Production, Underground Storage Tanks, Wood / Pulp / Paper Processing Residential / Municipal Airports (Maintenance / Fueling Areas), Landfills / Dumps, Public Buildings and Civic Organizations, RV / Mini Storage, Schools, Utility Stations
Beryllium Powder	B	0.004	0.004	Commercial / Industrial Research Laboratories Residential / Municipal Public Buildings and Civic Organizations, Schools

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
INORGANIC CONTAMINANTS				
Cadmium	B	0.005	0.005	<p>Commercial / Industrial Automobile Body Shops / Repair Shops, Boat Repair / Refinishing, Chemical / Petroleum Processing, Construction / Demolition, Drinking Water Treatment, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Metal Plating / Finishing / Fabricating, Military Installations, Office Building / Complex, Photo Processing / Printing, Medical / Vet Offices, Railroad Yards / Maintenance / Fueling Areas, Research Laboratories, Retail Operations, Synthetics / Plastics Producers, Underground Storage Tanks Wood / Pulp / Paper Processing</p> <p>Residential / Municipal Airports (Maintenance / Fueling Areas), Landfills / Dumps, Public Buildings and Civic Organizations, Schools, Utility Stations, Wastewater</p>
Chromium (total)	B	0.1	0.1	Commercial / Industrial Metal Plating / Finishing / Fabricating
Copper	B	TT ³	1.3	Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Construction / Demolition, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Food Processing, Hardware / Lumber / Parts Stores, Home Manufacturing, Junk / Scrap / Salvage Yards, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Office Building / Complex, Photo Processing / Printing, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing
Cyanide	B	0.2	0.2	<p>Commercial / Industrial Chemical / Petroleum Processing, Construction / Demolition, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Mines, Photo Processing / Printing, Research Laboratories, Synthetics / Plastics Producers</p> <p>Residential / Municipal Drinking Water Treatment, Public Buildings and Civic Organizations, Schools, RV / Mini Storage, Utility Stations</p>
Fluoride	B	4	4	Commercial / Industrial Construction / Demolition

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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INORGANIC CONTAMINANTS

Lead	B	TT	0.015	<p>Commercial / Industrial Automobile Body Shops / Repair Shops, Boat Repair / Refinishing, Cement / Concrete Plants, Chemical / Petroleum Processing, Construction / Demolition, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Furniture Repair / Manufacturing, Gas Stations, Hardware / Lumber / Parts Stores, Home Manufacturing, Junk / Scrap / Salvage Yards, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Mines / Gravel Pits, Office Building / Complex Photo Processing / Printing, Railroad Yards / Maintenance / Fueling Areas, Research Laboratories, Retail Operations, Synthetics / Plastics Producers, Underground Storage Tanks, Wholesale Distribution Activities, Wood Preserving / Treating, Wood / Pulp / Paper Processing</p> <p>Residential / Municipal Airports (Maintenance / Fueling Areas), Drinking Water Treatment, Golf Courses and Parks, Landfills / Dumps, Public Buildings and Civic Organizations, Schools, Utility Stations, Wastewater</p>
Mercury	B	0.002	0.002	<p>Commercial / Industrial Automobile Body Shops / Repair Shops, Boat Repair / Refinishing, Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Furniture Repair / Manufacturing, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Office Building / Complex, Photo Processing / Printing, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Railroad Yards / Maintenance / Fueling Areas, Research Laboratories, Retail Operations, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing</p> <p>Residential / Municipal Airports (Maintenance / Fueling Areas), Landfills / Dumps, Public Buildings and Civic Organizations, RV / Mini Storage, Schools, Utility Stations, Wastewater</p> <p>Agricultural / Rural Crops - Irrigated + Non-irrigated</p>

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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INORGANIC CONTAMINANTS

Nickel	B	0.01	0.01	Commercial / Industrial	Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Construction / Demolition, Electrical / Electronic Manufacturing, Furniture Repair / Manufacturing, Hardware / Lumber / Parts Stores, Home Manufacturing, Junk / Scrap / Salvage Yards, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Photo Processing / Printing, Synthetics / Plastics Producers
Nitrate (as N)	A	10	10	Commercial / Industrial Residential / Municipal Agricultural / Rural	Boat Repair / Refinishing, Historic Waste Dumps / Landfills Apartments and Condominiums, Camp Grounds / RV Parks, Golf Courses and Parks, Housing, Landfills / Dumps, Septic Systems Waste Transfer / Recycling, Wastewater Auction Lots / Boarding Stables, Confined Animal Feeding Operations, Crops - Irrigated + Non-irrigated, Lagoons and Liquid Waste, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Nitrite (as N)	A	1	1	Commercial / Industrial Residential / Municipal Agricultural / Rural	Boat Repair / Refinishing, Historic Waste Dumps / Landfills Apartments and Condominiums, Camp Grounds / RV Parks, Golf Courses and Parks, Housing, Landfills / Dumps, Septic Systems, Waste Transfer / Recycling, Wastewater Auction Lots / Boarding Stables, Confined Animal Feeding Operations, Lagoons and Liquid Waste, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads, Crops - Irrigated + Non-irrigated
Selenium	B	0.05	0.05	Commercial / Industrial Residential / Municipal	Chemical / Petroleum Processing, Construction / Demolition, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Furniture Repair / Manufacturing, Home Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Mines / Gravel Pits, Office Building / Complex, Photo Processing / Printing, Research Laboratories, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing Airports (Maintenance / Fueling Areas), Landfills / Dumps, Public Buildings and Civic Organizations, Schools, Wastewater

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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INORGANIC CONTAMINANTS

Thallium	B	0.002	0.0005	Commercial / Industrial Electrical / Electronic Manufacturing, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Research Laboratories
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**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Alachlor	A	0.002	zero	Commercial / Industrial Chemical / Petroleum Processing, Historic Waste Dumps / Landfills, Injection Wells Residential / Municipal Apartments and Condominiums, Housing, Injection Wells, Landfills / Dumps, Septic Systems Wells Agricultural / Rural Injection Wells, Lagoons and Liquid Waste, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Atrazine	B	0.003	0.003	Commercial / Industrial Chemical / Petroleum Processing, Funeral Services / Graveyards, Historic Waste Dumps / Landfills, Injection Wells, Office Building / Complex, Railroad Yards Residential / Municipal Apartments and Condominiums, Drinking Water Treatment, Golf Courses and Parks, Housing, Injection Wells, Landfills / Dumps, Schools, Septic Systems, Utility Stations, Wells Agricultural / Rural Injection Wells, Lagoons and Liquid Waste, Managed Forests, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Benzene	A	0.005	zero	Commercial / Industrial Automobile Body Shops / Repair Shops, Boat Repair / Refinishing, Cement / Concrete Plants, Chemical / Petroleum Processing, Construction / Demolition, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Gas Stations, Hardware / Lumber / Parts Stores, Home Manufacturing, Junk / Scrap / Salvage Yards, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Office Building / Complex, Photo Processing / Printing, Railroad Yards / Maintenance / Fueling Areas, Research Laboratories, Retail Operations, Synthetic / Plastics Production, Synthetics / Plastics Producers, Underground Storage Tanks, Wholesale Distribution Activities, Wood / Pulp / Paper Processing Residential / Municipal Airports (Maintenance / Fueling Areas), Drinking Water Treatment, Golf Courses and Parks, Landfills / Dumps, Public Buildings and Civic Organizations, Utility Stations, Schools Agricultural / Rural Crops - Irrigated + Non-irrigated
Benzo(a)pyrene or PAHs	A	0.0002	zero	Commercial / Industrial Fleet / Trucking / Bus Terminals

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Carbofuran	B	0.04	0.04	Commercial / Industrial Chemical / Petroleum Processing, Historic Waste Dumps / Landfills, Injection Wells Residential / Municipal Golf Courses and Parks, Housing, Injection Wells, Landfills / Dumps, Septic Systems, Wells Agricultural / Rural Injection Wells, Lagoons and Liquid Waste, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads,
Carbon Tetrachloride	A	0.005	zero	Commercial / Industrial Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Home Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Photo Processing / Printing, Research Laboratories, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing Residential / Municipal Airports (Maintenance / Fueling Areas), Public Buildings and Civic Organizations, Schools
Chlordane	A	0.002	zero	Agricultural / Rural Pesticide / Fertilizer / Petroleum Storage Sites
Chlorobenzene	B	0.1	0.1	Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Metal Plating / Finishing / Fabricating, Military Installations, Photo Processing / Printing, Research Laboratories, Synthetics / Plastics Producers Residential / Municipal Golf Courses and Parks, Public Buildings and Civic Organizations, Schools, Utility Stations
2,4-D	B	0.07	0.07	Commercial / Industrial Chemical / Petroleum Processing, Fleet / Trucking / Bus Terminals, Machine Shops, Retail Operations, Office Building / Complex Agricultural / Rural Crops - Irrigated + Non-irrigated, Pesticide / Fertilizer / Petroleum Storage Sites Residential / Municipal Golf Courses and Parks, Public Buildings and Civic Organizations, RV / Mini Storage, Schools, Utility Stations

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Dalapon	B	0.2	0.2	Commercial / Industrial Historic Waste Dumps / Landfills, Injection Wells, Junk / Scrap / Salvage Yards, Railroad Yards Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks, Housing, Injection Wells, Septic Systems, Transportation Corridors, Utility Stations, Wells, Golf Courses and Parks
				Agricultural / Rural Crops - Irrigated + Non-irrigated, Injection Wells, Lagoons and Liquid Waste, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Di(2-ethylhexyl) adipate	B	0.4	0.4	Commercial / Industrial Chemical / Petroleum Processing, Hardware / Lumber / Parts Stores, Metal Plating / Finishing / Fabricating, Synthetics / Plastics Producers
Di(2-ethylhexyl) phthalate or DEHP	A	0.006	zero	Commercial / Industrial Chemical / Petroleum Processing, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Photo Processing / Printing, Synthetics / Plastics Producers Residential / Municipal Public Buildings and Civic Organizations
1,2-Dibromochloropropane or DBCP	A	0.0002	zero	Agricultural / Rural Pesticide / Fertilizer / Petroleum Storage Sites
1,2-Dibromoethane or Ethylene Dibromide (EDB)	A	0.00005	zero	Commercial / Industrial Chemical / Petroleum Processing, Photo Processing / Printing Residential / Municipal Public Buildings and Civic Organizations
1,4-Dichlorobenzene or Para-Dichlorobenzene	B	0.075	0.075	Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Fleet / Trucking / Bus Terminals, Hardware / Lumber / Parts Stores, Machine Shops, Metal Plating / Finishing / Fabricating, Photo Processing / Printing, Railroad Yards / Maintenance / Fueling Areas, Synthetics / Plastics Producers, Underground Storage Tanks Residential / Municipal Public Buildings and Civic Organizations, Schools Utility Stations
1,2-Dichlorobenzene or Ortho-Dichlorobenzene	B	0.6	0.6	Commercial / Industrial Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Home Manufacturing, Military Installations, Photo Processing / Printing, Synthetic / Plastics Production, Office Building Complex

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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ORGANIC CONTAMINANTS

1,2-Dichloroethane or Ethylene Dichloride	A	0.005	zero	Commercial / Industrial Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Furniture Repair / Manufacturing, Machine Shops, Medical / Vet Offices, Military Installations, Office Building / Complex, Photo Processing / Printing, Synthetic / Plastics Production, Research Laboratories, Retail Operations Residential / Municipal Public Buildings and Civic Organizations, Schools, Wood / Pulp / Paper Processing, Utility Stations
1,1-Dichloroethylene or Vinylidene Chloride	B	0.007	0.007	Commercial / Industrial Chemical / Petroleum Processing, Machine Shops, Photo Processing / Printing, Research Laboratories
cis-1,2 - Dichloroethylene	B	0.07	0.07	Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Construction / Demolition, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Gas Stations, Historic Waste Dumps / Landfills, Home Manufacturing, Injection Wells, Junk / Scrap / Salvage Yards, Machine Shops, Metal Plating / Finishing / Fabricating, Military Installations, Motor Pools, Photo Processing / Printing, Synthetic / Plastics Production, Railroad Yards, Research Laboratories, Wood Preserving / Treating Residential / Municipal Airports (Maintenance / Fueling Areas), Injection Wells, Landfills / Dumps, Utility Stations, Wastewater Agricultural / Rural Injection Wells, Rural Homesteads
trans 1,2 - Dichloroethylene	B	0.1	0.1	Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Construction / Demolition, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Gas Stations, Historic Waste Dumps / Landfills, Home Manufacturing, Injection Wells, Junk / Scrap / Salvage Yards, Machine Shops, Metal Plating / Finishing / Fabricating, Military Installations, Motor Pools, Photo Processing / Printing, Synthetic / Plastics Production, Railroad Yards, Research Laboratories, Wood Preserving / Treating Residential / Municipal Airports (Maintenance / Fueling Areas), Injection Wells, Landfills / Dumps, Utility Stations, Wastewater Agricultural / Rural Injection Wells

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Dichloromethane or Methylene Chloride	A	0.005	zero	Commercial / Industrial Automobile Body Shops / Repair Shops, Cement / Concrete Plants, Chemical / Petroleum Processing, Construction / Demolition, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Funeral Services / Graveyards, Fleet / Trucking / Bus Terminals, Food Processing, Gas Stations, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Motor Pools, Office Building / Complex, Photo Processing / Printing, Railroad Yard / Maintenance / Fueling Areas, Research Laboratories, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing Residential / Municipal Airports (Maintenance / Fueling Areas), Public Buildings and Civic Organizations, Schools
Dinoseb	B	0.007	0.007	Agricultural / Rural Crops - Irrigated + Non-irrigated
Dioxin or 2,3,7,8-TCDD	A	0.00000003	zero	Commercial / Industrial Chemical / Petroleum Processing, Wood / Pulp / Paper Processing
Diquat	B	0.02	0.02	Commercial / Industrial Funeral Services / Graveyards, Historic Waste Dumps / Landfills, Junk / Scrap / Salvage Yards, Injection Wells, Office Building / Complex Residential / Municipal Apartments and Condominiums, Housing, Injection Wells, Landfills / Dumps, Schools, Septic Systems, Wells, Camp Grounds / RV Parks, Golf Courses and Parks Agricultural / Rural Crops - Irrigated + Non-irrigated, Injection Wells, Lagoons and Liquid Waste, Managed Forests, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Endothall	B	0.1	0.1	Residential / Municipal Injection Wells, Public Buildings and Civic Organizations, Schools
Endrin	B	0.002	0.002	Commercial / Industrial Chemical / Petroleum Processing, Research Laboratories Residential / Municipal Public Buildings and Civic Organizations, RV / Mini Storage, Schools

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Ethylbenzene	B	0.7	0.7	Commercial / Industrial Cement / Concrete Plants, Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Furniture Repair / Manufacturing, Gas Stations, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Metal Plating / Finishing / Fabricating, Office Building / Complex, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing Residential / Municipal Airports (Maintenance / Fueling Areas)
Glyphosate	B	0.7	0.7	Commercial / Industrial Funeral Services / Graveyards, Historic Waste Dumps / Landfills, Injection Wells, Junk / Scrap / Salvage Yards, Office Building / Complex Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks, Golf Courses and Parks, Housing, Injection Wells, Landfills / Dumps, Schools, Septic Systems, Wells Agricultural / Rural Crops - Irrigated + Non-irrigated, Injection Wells, Lagoons and Liquid Waste, Managed Forests, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Heptachlor (Heptachlor Epoxide)	A	0.0004 (0.0002)	zero	Commercial / Industrial Fleet / Trucking / Bus Terminals, Photo Processing / Printing Residential / Municipal Wells
Hexachlorobenzene	A	0.001	zero	Commercial / Industrial Chemical / Petroleum Processing, Machine Shops, Military Installations, Photo Processing / Printing, Synthetics / Plastics Producers
Hexachlorocyclopentadiene or HEX	B	0.05	0.05	Commercial / Industrial Chemical / Petroleum Processing
Lindane	B	0.0002	0.0002	Commercial / Industrial Construction / Demolition, Fleet / Trucking / Bus Terminals, Photo Processing / Printing Residential / Municipal Landfills / Dumps, Public Buildings and Civic Organizations Agricultural / Rural Crops - Irrigated + Non-irrigated

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Methoxychlor	B	0.04	0.04	Commercial / Industrial Chemical / Petroleum Processing, Fleet / Trucking / Bus Terminals, Medical / Vet Offices, Military Installations, Photo Processing / Printing Residential / Municipal Golf Courses and Parks, Public Buildings and Civic Organizations, RV / Mini Storage
Oxamyl (Vydate)	B	0.2	0.2	Commercial / Industrial Chemical / Petroleum Processing, Historic Waste Dumps / Landfills, Injection Wells Residential / Municipal Apartments and Condominiums, Housing, Injection Wells, Landfills / Dumps, Septic Systems, Wells Agricultural / Rural Injection Wells, Lagoons and Liquid Waste, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Pentachlorophenol	A	0.001	zero	Commercial / Industrial Fleet / Trucking / Bus Terminals, Food Processing, Machine Shops, Metal Plating / Finishing / Fabricating, Synthetics / Plastics Producers
Picloram	B	0.5	0.5	Commercial / Industrial Historic Waste Dumps / Landfills, Injection Wells Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks, Golf Courses and Parks, Housing, Injection Wells, Landfills / Dumps, Septic Systems, Transportation Corridors, Utility Stations, Wells, Agricultural / Rural Crops - Irrigated + Non-irrigated, Injection Wells, Lagoons and Liquid Waste, Managed Forests, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Polychlorinated Biphenyls or PCBs	A	.0005	zero	Commercial / Industrial Chemical / Petroleum Processing, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Junk / Scrap / Salvage Yards, Machine Shops, Metal Plating / Finishing / Fabricating, Research Laboratories, Wood / Pulp / Paper Processing Residential / Municipal Drinking Water Treatment
Propylene Dichloride or 1,2-Dichloropropane	A	0.005	zero	Commercial / Industrial Fleet / Trucking / Bus Terminals, Photo Processing / Printing

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Simazine	B	0.004	0.004	Commercial / Industrial Historic Waste Dumps / Landfills, Injection Wells, Junk / Scrap / Salvage Yards, Office Building / Complex Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks, Golf Courses and Parks, Housing, Injection Wells, Landfills / Dumps, Septic Systems, Transportation Corridors, Utility Stations Wells Agricultural / Rural Crops - Irrigated + Non-irrigated, Lagoons and Liquid Waste, Managed Forests, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Styrene	B	0.1	0.1	Commercial / Industrial Cement / Concrete Plants, Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Home Manufacturing, Machine Shops, Metal Plating / Finishing / Fabricating, Photo Processing / Printing, Retail Operations, Synthetics / Plastics Producers, Wholesale Distribution Activities, Wood / Pulp / Paper Processing
Tetrachloroethylene or Perchloroethylene (Perk) or PCE	A	0.005	zero	Commercial / Industrial Automobile Body Shops / Repair Shops, Cement / Concrete Plants, Chemical / Petroleum Processing, Construction / Demolition, Drinking Water Treatment, Dry Cleaners / Dry Cleaning, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals Food Processing, Gas Stations, Hardware / Lumber / Parts Stores, Historic Waste Dumps / Landfills, Home Manufacturing, Injection Wells, Junk / Scrap / Salvage Yards, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Mines / Gravel Pits, Motor Pools, Office Building / Complex, Photo Processing / Printing, Railroad Yards / Maintenance / Fueling Areas, Research Laboratories, Retail Operations, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing Residential / Municipal Airports (Maintenance / Fueling Areas), Injection Wells, Public Buildings and Civic Organizations, Schools, Utility Stations, Wastewater

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Toluene	B	1	1	<p>Commercial / Industrial Cement / Concrete Plants, Chemical / Petroleum Processing, Drinking Water Treatment, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Gas Stations, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Research Laboratories, Synthetics / Plastics Producers, Retail Operations, Office Building / Complex, Photo Processing / Printing, Wood / Pulp / Paper Processing</p> <p>Residential / Municipal Public Buildings and Civic Organizations, Schools, Utility Stations</p>
Total Trihalomethanes or TTHMs	B	0.08	None	Residential / Municipal Drinking Water Treatment
Toxaphene	A	0.003	zero	Commercial / Industrial Fleet / Trucking / Bus Terminals
2,4,5-TP (Silvex)	B	0.05	0.05	<p>Commercial / Industrial Medical / Vet Offices</p> <p>Agricultural / Rural Pesticide / Fertilizer / Petroleum Storage Sites</p>
1,2,4-Trichlorobenzene	B	0.07	0.07	Commercial / Industrial Chemical / Petroleum Processing
1,1,2-Trichloroethane	B	0.005	0.003	Commercial / Industrial Dry Cleaners / Dry Cleaning, Electrical / Electronic Manufacturing, Machine Shops, Metal Plating / Finishing / Fabricating, Photo Processing / Printing
1,1,1-Trichloroethane or Methyl Chloroform	B	0.2	0.2	<p>Commercial / Industrial Body Shops/Repair Shops, Chemical / Petroleum Processing, Dry Cleaners / Dry Cleaning, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Mines / Gravel Pits, Office Building / Complex, Photo Processing / Printing, Research Laboratories, Retail Operations, Wholesale Distribution Activities, Wood / Pulp / Paper Processing</p> <p>Residential / Municipal Airports (Maintenance / Fueling Areas), Construction / Demolition Areas, Drinking Water Treatment, Landfills / Dumps, Naturally Occuring, Public Buildings and Civic Organizations, Schools</p>

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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ORGANIC CONTAMINANTS

Trichloroethylene or TCE	A	0.005	zero	<p>Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Furniture Repair / Manufacturing, Hardware / Lumber / Parts Stores, Historic Waste Dumps / Landfills, Home Manufacturing, Injection Wells, Junk / Scrap / Salvage Yards, Machine Shops, Metal Plating / Finishing / Fabricating, Military Installations, Motor Pools, Office Building / Complex, Photo Processing / Printing, Railroad Yards / Maintenance / Fueling Areas, Research Laboratories, Synthetics / Plastics Producers, Underground Storage Tanks, Wood / Pulp / Paper Processing</p> <p>Residential / Municipal Airports (Maintenance / Fueling Areas), Injection Wells, Public Buildings and Civic Organizations, Schools, Utility Stations</p>
Vinyl Chloride	A	0.002	zero	<p>Commercial / Industrial Boat Repair / Refinishing, Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Metal Plating / Finishing / Fabricating, Office Building / Complex, Photo Processing / Printing, Fleet / Trucking / Bus Terminals, Research Laboratories, Retail Operations, Synthetic / Plastics Production</p> <p>Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks Housing, Public Buildings and Civic Organizations, Septic Systems, Waste Transfer / Recycling Wastewater</p> <p>Agricultural / Rural Confined Animal Feeding Operations Lagoons and Liquid Waste, Rural Homesteads</p>

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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ORGANIC CONTAMINANTS

Xylene (Mixed Isomers)	B	10	10	<p>Commercial / Industrial Automobile Body Shops / Repair Shops, Cement / Concrete Plants, Chemical / Petroleum Processing, Construction / Demolition, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Gas Stations, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Office Building / Complex, Photo Processing / Printing, Research Laboratories, Synthetics / Plastics Production, Wood / Pulp / Paper Processing</p> <p>Residential / Municipal Airports (Maintenance / Fueling Areas), Public Buildings and Civic Organizations, Schools, Utility Stations,</p>
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**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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MICROBIOLOGICAL CONTAMINANTS

Coliform	A	≤ 1 detect ⁴ 5.0% ⁴	Zero	Commercial / Industrial	Boat Repair / Refinishing
				Residential / Municipal	Apartments and Condominiums, Camp Grounds / RV Parks, Housing, Septic Systems, Waste Transfer / Recycling, Wastewater
				Agricultural / Rural	Auction Lots / Boarding Stables, Confined Animal Feeding Operations, Lagoons and Liquid Waste, Rural Homesteads
<i>Giardia lamblia</i>	A	TT ³	Zero	Commercial / Industrial	Boat Repair / Refinishing
				Residential / Municipal	Apartments and Condominiums, Camp Grounds / RV Parks, Housing, Septic Systems, Waste Transfer / Recycling, Wastewater
				Agricultural / Rural	Auction Lots / Boarding Stables, Confined Animal Feeding Operations, Lagoons and Liquid Waste, Rural Homesteads,
<i>Legionellae sp.</i>	A	TT ³	Zero	All	Surface Water
Viruses	A	TT	Zero	Commercial / Industrial	Boat Repair / Refinishing
				Residential / Municipal	Apartments and Condominiums, Camp Grounds / RV Parks, Housing, Septic Systems, Waste Transfer / Recycling, Wastewater
				Agricultural / Rural	Auction Lots / Boarding Stables, Confined Animal Feeding Operations, Lagoons and Liquid Waste Rural Homesteads
<i>Cryptosporidium parvum</i>	A	TT ³	Zero	Commercial / Industrial	Boat Repair / Refinishing
				Residential / Municipal	Apartments and Condominiums, Camp Grounds / RV Parks, Housing, Septic Systems, Waste Transfer / Recycling, Wastewater
				Agricultural / Rural	Auction Lots / Boarding Stables, Confined Animal Feeding Operations, Lagoons and Liquid Waste, Rural Homesteads

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

NATIONAL PRIMARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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OTHER CONTAMINANTS

Gross Beta Particles and Photon Emitters	B	4 millirems	none	Commercial / Industrial	Medical / Vet Offices, Military Installations, Naturally Occurring
Gross Alpha Emitters	B	15 pCi/L	none	same as above	same as above
Radium 226 & Radium 228 (combined)	B	5 pCi/L	none	same as above	same as above
Turbidity	B	TT ³	N/A	Commercial / Industrial Residential / Municipal Agricultural / Rural	Construction / Demolition, Home Manufacturing, Mines / Gravel Pits Camp Grounds / RV Parks, Golf Courses and Parks, Housing, Transportation Corridors Crops - Irrigated + Non-irrigated, Managed Forests

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

SECONDARY DRINKING WATER CONTAMINANTS

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
Aluminum **	C	0.05 to 0.2		Commercial / Industrial Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Hardware / Lumber / Parts Stores, Machine Shops, Metal Plating / Finishing / Fabricating, Photo Processing / Printing
Chloride	C	250		Commercial / Industrial Construction / Demolition
Fluoride	C	2.0		Commercial / Industrial Automobile Body Shops / Repair Shops, Injection Wells, Machine Shops, Metal Plating / Finishing / Fabricating Residential / Municipal Drinking Water Treatment, Injection Wells, Wastewater, Wells
Iron	C	0.3		Commercial / Industrial Historic Waste Dumps / Landfills, Junk / Scrap / Salvage Yards, Naturally Occurring Residential / Municipal Naturally Occurring Agricultural / Rural Naturally Occurring
Manganese **	C	0.05		Commercial / Industrial Historic Waste Dumps / Landfills, Junk / Scrap / Salvage Yards, Naturally Occurring Residential / Municipal Naturally Occurring
Silver	C	0.1		Commercial / Industrial Medical / Vet Offices, Naturally Occurring Residential / Municipal Naturally Occurring Agricultural / Rural Naturally Occurring
Sulfate **	C	250	500	Commercial / Industrial Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Historic Waste Dumps / Landfills, Metal Plating / Finishing / Fabricating, Mines / Gravel Pits, Wood Preserving / Treating, Injection Wells, Junk / Scrap / Salvage Yards Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks, Injection Wells, Septic Systems, Wastewater, Wells Agricultural / Rural Auction Lots / Boarding Stables, Confined Animal Feeding Operations, Injection Wells, Lagoons and Liquid Waste, Rural Homesteads

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

OTHER CONTAMINANTS OF CONCERN

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
INORGANIC CONTAMINANTS				
Ammonia	A			Commercial / Industrial Chemical / Petroleum Processing, Construction / Demolition, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Food Processing, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Metal Plating / Finishing / Fabricating, Mines / Gravel Pits, Office Building / Complex, Photo Processing / Printing, Retail Operations, Wood / Pulp / Paper Processing, Synthetic / Plastics Production Residential / Municipal Landfills / Dumps Agricultural / Rural Crops - Irrigated + Non-irrigated
Ammoniacal Copper Arsenate	B			Commercial / Industrial Boat Repair / Refinishing, Construction / Demolition, Furniture Repair / Manufacturing, Hardware / Lumber / Parts Stores, Home Manufacturing, Railroad Yards, Wood Preserving / Treating, Wood / Pulp / Paper Processing
Ammonium Persulfate	B			Commercial / Industrial Automobile Body Shops / Repair Shops, Electrical / Electronic Manufacturing, Machine Shops, Metal Plating / Finishing / Fabricating
Boric Acid	B			Commercial / Industrial Electrical / Electronic Manufacturing, Junk / Scrap / Salvage Yards, Machine Shops, Metal Plating / Finishing / Fabricating, Synthetic / Plastics Production Residential / Municipal Utility Stations
Bromine	B			Commercial / Industrial Injection Wells Residential / Municipal Apartments and Condominiums, Housing, Injection Wells, Septic Systems, Wells Agricultural / Rural Injection Wells, Rural Homesteads
Calcium Flouride	B			Commercial / Industrial Electrical / Electronic Manufacturing
Calcium Hypochlorate	B			Commercial / Industrial Injection Wells Residential / Municipal Apartments and Condominiums, Housing, Injection Wells, Septic Systems, Wells Agricultural / Rural Injection Wells, Rural Homesteads

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

OTHER CONTAMINANTS OF CONCERN

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
INORGANIC CONTAMINANTS				
Chlorine	B			Commercial / Industrial Chemical / Petroleum Processing, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Food Processing, Hardware / Lumber / Parts Stores, Home Manufacturing, Injection Wells, Machine Shops, Metal Plating / Finishing / Fabricating, Office Building / Complex, Photo Processing / Printing, Railroad Yards / Maintenance / Fueling Areas, Research Laboratories, Retail Operations, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing Residential / Municipal Airports (Maintenance / Fueling Areas), Apartments and Condominiums, Housing, Injection Wells, Landfills / Dumps, Public Buildings and Civic Organizations, Schools, Utility Stations Agricultural / Rural Injection Wells, Rural Homesteads
Chlorine Dioxide	B			Commercial / Industrial Chemical / Petroleum Processing, Wood / Pulp / Paper Processing
Chromated Copper Arsenic	B			Commercial / Industrial Boat Repair / Refinishing, Construction / Demolition, Furniture Repair / Manufacturing, Hardware / Lumber / Parts Stores, Home Manufacturing, Junk / Scrap / Salvage Yards, Railroad Yards, Wood Preserving / Treating, Wood / Pulp / Paper Processing
Chromic Acid	B			Commercial / Industrial Wood / Pulp / Paper Processing
Hydrochloric Acid or Muriatic Acid	B			Commercial / Industrial Chemical / Petroleum Processing, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Hardware / Lumber / Parts Stores, Home Manufacturing, Injection Wells, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Mines / Gravel Pits, Office Building / Complex, Photo Processing / Printing, Research Laboratories, Retail Operations, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing Residential / Municipal Airports (Maintenance / Fueling Areas), Apartments and Condominiums, Housing, Injection Wells, Landfills / Dumps, Septic Systems, Wells Agricultural / Rural Injection Wells, Rural Homesteads
Hydrogen Peroxide	B			Commercial / Industrial Chemical / Petroleum Processing

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

OTHER CONTAMINANTS OF CONCERN

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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INORGANIC CONTAMINANTS

Iodine	B			Commercial / Industrial Injection Wells, Office Building / Complex Residential / Municipal Apartments and Condominiums, Housing, Injection Wells, Septic Systems, Wells Agricultural / Rural Injection Wells, Rural Homesteads
Nitric Acid	A			Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Food Processing, Hardware / Lumber / Parts Stores, Home Manufacturing, Junk / Scrap / Salvage Yards, Machine Shops, Metal Plating / Finishing / Fabricating, Office Building / Complex, Photo Processing / Printing, Retail Operations, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing Agricultural / Rural Confined Animal Feeding Operations
Peroxide	B			Commercial / Industrial Dry Cleaners / Dry Cleaning, Historic Waste Dumps / Landfills, Injection Wells, Synthetic / Plastics Production Residential / Municipal Injection Wells, Landfills / Dumps, Septic Systems, Wells
Phosphates	B			Commercial / Industrial Funeral Services / Graveyards, Historic Waste Dumps / Landfills, Injection Wells, Junk / Scrap / Salvage Yards, Office Building / Complex Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks, Golf Courses and Parks, Housing, Injection Wells, Landfills / Dumps, Schools, Septic Systems, Wells Agricultural / Rural Injection Wells, Managed Forests, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

OTHER CONTAMINANTS OF CONCERN

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
INORGANIC CONTAMINANTS				
Phosphoric Acid Ortho-	B			Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Construction / Demolition, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Furniture Repair / Manufacturing, Hardware / Lumber / Parts Stores, Home Manufacturing Machine Shops, Metal Plating / Finishing / Fabricating, Mines / Gravel Pits, Office Building / Complex, Photo Processing / Printing, Retail Operations, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing Residential / Municipal Drinking Water Treatment Agricultural / Rural Crops - Irrigated + Non-irrigated
Phosphorus	B			Commercial / Industrial Pesticide / Fertilizer / Petroleum Storage Sites
Potassium Alum (dodecahydrate)	B			Commercial / Industrial Medical / Vet Offices, Research Laboratories
Potassium Bromide	B			Commercial / Industrial Medical / Vet Offices, Research Laboratories
Sodium **	B			Residential / Municipal Transportation Corridors, Utility Stations
Sodium Carbonate	B			Commercial / Industrial Injection Wells, Medical / Vet Offices Research Laboratories Residential / Municipal Apartments and Condominiums, Housing, Injection Wells, Septic Systems, Wells Agricultural / Rural Injection Wells, Rural Homesteads
Sodium Chloride	B			Commercial / Industrial Transportation Corridors, Utility Stations
Sodium Cyanide	B			Commercial / Industrial Chemical / Petroleum Processing, Construction / Demolition, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Furniture Repair / Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Photo Processing / Printing, Synthetic / Plastics Production, Research Laboratories, Retail Operations Residential / Municipal Public Buildings and Civic Organizations, Schools, Utility Stations
Sodium Hypochlorate	B			Commercial / Industrial Injection Wells Residential / Municipal Apartments and Condominiums, Housing, Injection Wells, Septic Systems, Wells Agricultural / Rural Injection Wells, Rural Homesteads
Sodium Sulfite	B			Commercial / Industrial Medical / Vet Offices, Research Laboratories

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

OTHER CONTAMINANTS OF CONCERN

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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INORGANIC CONTAMINANTS

Sulfuric Acid	B			<p>Commercial / Industrial Automobile Body Shops / Repair Shops, Cement / Concrete Plants, Chemical / Petroleum Processing, Construction / Demolition, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Office Building / Complex, Photo Processing / Printing</p> <p>Residential / Municipal Airports (Maintenance / Fueling Areas), Drinking Water Treatment, Landfills / Dumps, Public Buildings and Civic Organizations, Research Laboratories, Retail Operations, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing</p> <p>Agricultural / Rural Crops - Irrigated + Non-irrigated</p>
Thiosulfates	B			Commercial / Industrial Medical / Vet Offices, Research Laboratories
Tin	B			<p>Commercial / Industrial Automobile Body Shops / Repair Shops, Furniture Repair / Manufacturing, Historic Waste Dumps / Landfills, Injection Wells, Machine Shops, Metal Plating / Finishing / Fabricating, Mines / Gravel Pits, Junk / Scrap / Salvage Yards</p> <p>Residential / Municipal Landfills / Dumps, Injection Wells, Utility Stations, Wastewater, Wells</p>
Zinc (Fume or Dust)	B			Commercial / Industrial Chemical / Petroleum Processing, Construction / Demolition, Electrical / Electronic Manufacturing, Machine Shops, Metal Plating / Finishing / Fabricating, Photo Processing / Printing, Synthetic / Plastics Production

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

OTHER CONTAMINANTS OF CONCERN

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
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ORGANIC CONTAMINANTS

Acetone	B			<p>Commercial / Industrial Cement / Concrete Plants, Chemical / Petroleum Processing, Construction / Demolition, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Office Building / Complex, Photo Processing / Printing, Research Laboratories, Retail Operations, Synthetic / Plastics Production, Wood / Pulp / Paper Processing</p> <p>Agricultural / Rural Crops - Irrigated + Non-irrigated</p> <p>Residential / Municipal Public Buildings and Civic Organizations, Schools, Utility Stations</p>
Acetylene	B			Commercial / Industrial Metal Plating / Finishing / Fabricating
Acrylamide	B			<p>Commercial / Industrial Chemical / Petroleum Processing, Fleet / Trucking / Bus Terminals, Medical / Vet Offices, Photo Processing / Printing</p> <p>Residential / Municipal Public Buildings and Civic Organizations, Schools</p>
Amyl Acetate	B			Commercial / Industrial Dry Cleaners / Dry Cleaning, Electrical / Electronic Manufacturing
Benomyl	B			<p>Commercial / Industrial Funeral Services / Graveyards, Historic Waste Dumps / Landfills, Injection Wells, Junk / Scrap / Salvage Yards, Office Building / Complex, Research Laboratories</p> <p>Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks, Golf Courses and Parks, Housing, Injection Wells, Landfills / Dumps, Schools, Septic Systems, Wells</p> <p>Agricultural / Rural Managed Forests, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads</p>
Chloroform	B			<p>Commercial / Industrial Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Hardware / Lumber / Parts Stores, Home Manufacturing, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Photo Processing / Printing, RV / Mini Storage, Synthetics / Plastics Producers, Research Laboratories, Wood / Pulp / Paper Processing</p> <p>Residential / Municipal Public Buildings and Civic Organizations Schools, Utility Stations, Wastewater</p>

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

OTHER CONTAMINANTS OF CONCERN

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Chlorpyrifos	B			Commercial / Industrial Funeral Services / Graveyards, Historic Waste Dumps / Landfills, Injection Wells, Junk / Scrap / Salvage Yards, Landfills / Dumps, Office Building / Complex Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks, Golf Courses and Parks, Housing, Injection Wells, Schools, Septic Systems, Wells Agricultural / Rural Injection Wells, Managed Forests, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Copper Quinolate	B			Commercial / Industrial Boat Repair / Refinishing, Construction / Demolition, Furniture Repair / Manufacturing, Hardware / Lumber / Parts Stores, Home Manufacturing, Railroad Yards, Wood Preserving / Treating, Wood / Pulp / Paper Processing
Creosote	B			Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Fleet / Trucking / Bus Terminals, Machine Shops, Wood Preserving / Treating Residential / Municipal Schools, Utility Stations
Cyanuric Acid	B			Commercial / Industrial Injection Wells Residential / Municipal Apartments and Condominiums, Housing, Injection Wells, Septic Systems, Wells Agricultural / Rural Injection Wells, Rural Homesteads
Epichlorohydrin	B			Commercial / Industrial Chemical / Petroleum Processing, Fleet / Trucking / Bus Terminals
Epoxy	B			Commercial / Industrial Boat Repair / Refinishing, Construction / Demolition, Furniture Repair / Manufacturing, Wood Preserving / Treating, Wood / Pulp / Paper Processing, Historic Waste Dumps / Landfills, Home Manufacturing, Junk / Scrap / Salvage Yards Residential / Municipal Apartments and Condominiums, Housing, Landfills / Dumps
Ethane	B			Commercial / Industrial Chemical / Petroleum Processing
Ethylene	B			Commercial / Industrial Chemical / Petroleum Processing

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

OTHER CONTAMINANTS OF CONCERN

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Ethylene Glycol	B			<p>Commercial / Industrial Automobile Body Shops / Repair Shops, Cement / Concrete Plants, Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Gas Stations, Hardware / Lumber / Parts Stores, Junk / Scrap / Salvage Yards, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Office Building / Complex, Photo Processing / Printing, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing</p> <p>Residential / Municipal Airports (Maintenance / Fueling Areas), Landfills / Dumps</p>
Flouorocarbon 113 (Freon) or 112-trichloro-122-trifluoroethane	B			<p>Commercial / Industrial Dry Cleaners / Dry Cleaning, Chemical / Petroleum Processing, Electrical / Electronic Manufacturing, Furniture Repair / Manufacturing, Hardware / Lumber / Parts Stores, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Office Building / Complex, Photo Processing / Printing, Research Laboratories, Synthetics / Plastics Producers</p> <p>Residential / Municipal Airports (Maintenance / Fueling Areas)</p> <p>Agricultural / Rural Confined Animal Feeding Operations</p>
Formaldehyde (K157)	B			<p>Commercial / Industrial Chemical / Petroleum Processing, Construction / Demolition, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Home Manufacturing, Machine Shops, Medical / Vet Offices, Wood Preserving / Treating, Wood / Pulp / Paper Processing, Metal Plating / Finishing / Fabricating, Office Building / Complex, Synthetics / Plastics Producers, Photo Processing / Printing, Research Laboratories</p> <p>Residential / Municipal Public Buildings and Civic Organizations, RV / Mini Storage, Schools, Utility Stations</p>
Hexachlorophene	B			Commercial / Industrial Electrical / Electronic Manufacturing
Hydrogen Cyanide	B			Commercial / Industrial Machine Shops, Metal Plating / Finishing / Fabricating
Hydroquinone	B			Commercial / Industrial Chemical / Petroleum Processing, Photo Processing / Printing, Synthetics / Plastics Producers

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

OTHER CONTAMINANTS OF CONCERN

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Isopropanol	B			Commercial / Industrial Boat Repair / Refinishing, Injection Wells, Office Building / Complex, Junk / Scrap / Salvage Yards Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks, Schools, Housing, Injection Wells, Landfills / Dumps, Septic Systems, Wastewater, Wells
				Injection Wells, Rural Homesteads
Isopropyl Alcohol (Manufacturing Strong-acid Process)	B			Commercial / Industrial Chemical / Petroleum Processing, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Machine Shops, Metal Plating / Finishing / Fabricating, Office Building / Complex, Photo Processing / Printing, Research Laboratories, Synthetics / Plastics Producers, Wood / Pulp / Paper Processing Residential / Municipal Drinking Water Treatment
Kerosene	B			Commercial / Industrial Chemical / Petroleum Processing, Synthetics / Plastics Producers
Methane	B			Residential / Municipal Landfills / Dumps, Septic Systems Agricultural / Rural Lagoons and Liquid Waste
Methanol	B			Commercial / Industrial Cement / Concrete Plants, Chemical / Petroleum Processing, Construction / Demolition, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Gas Stations, Hardware / Lumber / Parts Stores, Home Manufacturing, Injection Wells, Machine Shops, Medical / Vet Offices, Metal Plating / Finishing / Fabricating, Military Installations, Office Building / Complex, Photo Processing / Printing, Research Laboratories, Synthetics / Plastics Producers, Retail Operations, Wood / Pulp / Paper Processing Residential / Municipal Injection Wells, Public Buildings and Civic Organizations, Schools, Utility Stations

**TABLE E-2
POTENTIAL DRINKING WATER CONTAMINANTS (cont.)**

OTHER CONTAMINANTS OF CONCERN

Contaminant Name	Hazard Class	MCL / HAL¹	MCLG²	Source
ORGANIC CONTAMINANTS				
Nitrosamine	B			Commercial / Industrial Funeral Services / Graveyards, Historic Waste Dumps / Landfills, Injection Wells, Junk / Scrap / Salvage Yards, Office Building / Complex Residential / Municipal Apartments and Condominiums, Camp Grounds / RV Parks, Golf Courses and Parks, Housing Injection Wells, Landfills / Dumps, Schools, Septic Systems, Wells Agricultural / Rural Injection Wells, Managed Forests, Pesticide / Fertilizer / Petroleum Storage Sites, Rural Homesteads
Polyurethane	B			Commercial / Industrial Boat Repair / Refinishing, Construction / Demolition, Furniture Repair / Manufacturing, Hardware / Lumber / Parts Stores, Home Manufacturing, Railroad Yards, Wood Preserving / Treating, Wood / Pulp / Paper Processing
Strychnine	B			Commercial / Industrial Machine Shops Residential / Municipal Public Buildings and Civic Organizations, Schools Commercial / Industrial Pesticide / Fertilizer / Petroleum Storage Sites
1,1,2,2-Tetrachloroethane **	B			Commercial / Industrial Automobile Body Shops / Repair Shops, Chemical / Petroleum Processing, Construction / Demolition, Fleet / Trucking / Bus Terminals, Furniture Repair / Manufacturing, Gas Stations, Junk / Scrap / Salvage Yards, Metal Plating / Finishing / Fabricating, Motor Pools, Photo Processing / Printing, Synthetics / Plastics Producers
Toluenediisocyanate (Mixed Isomers)	B			Commercial / Industrial Chemical / Petroleum Processing, Dry Goods Manufacturing, Electrical / Electronic Manufacturing, Fleet / Trucking / Bus Terminals, Food Processing, Machine Shops, Photo Processing / Printing Research, Laboratories, Synthetics / Plastics Producers Residential / Municipal Public Buildings and Civic Organizations, Schools

NOTES:

¹ MCL = Maximum Contaminant Level; HAL = Health Advisory Limit; NSDWR = National Secondary Drinking Water Regulations; (results in mg/l unless otherwise noted).

² MCLG - Maximum Contaminant Level Goal; (results in mg/l unless otherwise noted).

³ TT- Treatment Technique.

⁴ If less than 40 samples per month, no more than 1 positive detection for total coliforms. If 40 or more samples per month, no more than 5% of samples should detect total coliforms in one month. Every sample that detects total coliform must be analyzed for fecal coliforms.

** Denotes contaminant is on the Drinking Water Contaminant Candidate List. Contaminant Candidate List includes contaminants under consideration for federal regulation or guideline development.

Primary drinking water contaminants are federally regulated.

Secondary drinking water contaminants are un-enforceable federal guidelines regarding taste, odor, color and certain other non-aesthetic effects of drinking water.