

CONTAMINANTS TESTED FOR IN THE MWRA WATER SYSTEM
Massachusetts Water Resources Authority - <http://www.mwra.com>

The MWRA water system is tested for all of the following contaminants every year. We test for many contaminants more frequently. By state and federal law, MWRA and your local water department have systems in place to let customers, and authorities know if any contaminants were ever found in the water system. MWRA also sends an annual water quality report to every home and business it serves. If any contaminants were found in your water, they would be listed in the annual water quality report. The latest report, and an archive of past reports are posted on our website: <http://www.mwra.com/water/html/awqr.htm>.

Radioactive Contaminants

Beta/photon emitters particles
Alpha emitters
Combined radium
Uranium
Gross Alpha Particle Activity
Radium-226
Radium-228

Inorganic Contaminants

ANTIMONY
ARSENIC
ASBESTOS
BARIUM
BERYLLIUM
CADMIUM
CHROMIUM
COPPER
CYANIDE
FLUORIDE
LEAD
MERCURY
NICKEL
NITRATE
NITRITE
SELENIUM
SODIUM
SULFATE
THALLIUM

Microbiological

TOTAL COLIFORM
E. COLI
GIARDIA
CRYPTOSPORIDIUM
VIRUSES
TURBIDITY
Heterotrophic Bacteria Plate Count (HPC)

Chlorine and Chlorine By-Products

CHLORINE
CHLORAMINE
BROMATE
TOTAL TRIHALOMETHANES
HALOACETIC ACIDS

Secondary Contaminants

TURBIDITY (NTU)
TDS
COLOR (COLOR UNIT)

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ODOR (TON)
PH
ALKALINITY-TOTAL (CaCO₃)
HARDNESS (CaCO₃)
CALCIUM (Ca)
MAGNESIUM (Mg)
ALUMUNUM (Al)
POTASSIUM (K)
IRON (Fe)
MANGANESE (Mn)
SULFATE (SO₄)
SILVER (Ag)
COPPER (Cu)
ZINC (Zn)

Lead and Copper

LEAD (Pb)
COPPER (Cu)

Volatile Organic Contaminants - Regulated Contaminants

1,1,1-TRICHLOROETHANE
1,1,2-TRICHLOROETHANE
1,1-DICHLOROETHYLENE
1,2,4-TRICHLOROBENZENE
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
BENZENE
BROMATE
CARBON TETRACHLORIDE
CHLORITE
CHLORINE DIOXIDE
CIS-1,2-DICHLOROETHYLENE
DICHLOROMETHANE
ETHYLBENZENE
MONOCHLOROBENZENE
O-DICHLOROBENZENE
PARA-DICHLOROBENZENE
STYRENE
TETRACHLOROETHYLENE
TOLUENE
TRANS-1,2-DICHLOROETHYLENE
TRICHLOROETHYLENE
TTHMS
VINYL CHLORIDE
XYLENES (TOTAL)

Volatile Organic Contaminants - Unregulated Contaminants

1,1,1,2-TETRACHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
1,1-DICHLOROETHANE
1,1-DICHLOROPROPENE
1,2,3-TRICHLOROBENZENE
1,2,3-TRICHLOROPROPANE
1,2,4-TRIMETHYLBENZENE
1,3,5-TRIMETHYLBENZENE
1,3-DICHLOROPROPANE

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1,3-DICHLOROPROPENE
2,2-DICHLOROPROPANE
BROMOBENZENE
BROMOMETHANE
CHLOROETHANE
CHLOROFORM
CHLOROMETHANE
DICHLORODIFLUOROMETHANE
FLUOROTRICHLOROMETHANE
HEXACHLOROBUTADIENE
ISOPROPYLBENZENE
M-DICHLOROBENZENE
METHYL TERTIARY BUTYL ETHER
NAPHTHALENE
N-BUTYLBENZENE
N-PROPYLBENZENE
O-CHLOROTOLUENE
P-CHLOROTOLUENE
P-ISOPROPYLTOLUENE
SEC-BUTYLBENZENE
TERT-BUTYLBENZENE

Synthetic Organic Contaminants - Regulated Contaminants

2,3,7,8-TCDD (DIOXIN)
2,4,5-TP (SILVEX)
2,4-D
ALACHLOR
ATRAZINE
BENZO(A)PYRENE
CARBOFURAN
CHLORDANE
DALAPON
DI(ETHYLHEXYL)ADIPATE
DI(ETHYLHEXYL)PHTHALATES
DIBROMOCHLOROPROPANE (DBCP*)
DINOSEB
DIQUAT
ENDOTHALL
ENDRIN
EPICHLOROHYDRIN
ETHYLENE DIBROMIDE (EDB)*
GLYPHOSATE
HEPTACHLOR
HEPTACHLOR EPOXIDE
HEXACHLOROBENZENE
HEXACHLOROCYCLOPENTADIENE
LINDANE
METHOXYCHLOR
OXAMYL (VYDATE)
PCB AROCLOR 1016
PCB AROCLOR 1221
PCB AROCLOR 1232
PCB AROCLOR 1242
PCB AROCLOR 1248

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PCB AROCLOR 1254
PCB AROCLOR 1260
PCB'S (DECACHLOROBIPHENYL)
PENTACHLOROPHENOL
PICLORAM
SIMAZINE
TOXAPHENE

Synthetic Organic Contaminants - Unregulated Contaminants

3-HYDROXYCARBOFURAN
ALDICARB
ALDICARB SULFONE
ALDICARB SULFOXIDE
ALDRIN
BUTACHLOR
CARBARYL
DICAMBA
DIELDRIN
METHOMYL
METOLACHLOR
METRIBUZIN
PROPACHLOR

Process Control

pH
Alkalinity
Color
Conductance
Free Chlorine
Total Chlorine
Monochloramine
Free Ammonia
Nitrate/Nitrite
Total Organic Carbon
UV-254
Fluoride

Disinfection By-Products - Unregulated Contaminants

Haloacetonitriles
Haloketones
Chloropicrin
Chloral Hydrate
Total Organic Halides
Cyanogen Chloride
Chlorate
Bromate
Aldehydes

Unregulated Contaminant Monitoring Rule Contaminants

(List 1)

2,4-dinitrotoluene
2,6-dinitrotoluene
Acetochlor
DCPA mono-acid
 degradate
DCPA di-acid degradate
4,4'-DDE

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EPTC
Molinate
MTBE
Nitrobenzene
Perchlorate
Terbacil

(List 2)

1,2-diphenylhydrazine
2-methyl-phenol
2,4-dichlorophenol
2,4-dinitrophenol
2,4,6-trichlorophenol
Diazinon
Disulfoton
Diuron
Fonofos
Linuron
Nitrobenzene
Prometon
Terbufos
Aeromonas
Alachlor ESA
RDX

(List 3)

Lead-210
Polonium-210
Cyanobacteria
Echoviruses
Coxsackieviruses
Helicobacter pylori
Microsporidia
Caliciviruses
Adenoviruses

Other

Chloide
Bromide
Silica
Total Phosphorous

(rev060105)