

WATER QUALITY REPORT
SALISBURY WATER CO - SALISBURY, MA
EPA # 3259000

VOLATILE ORGANIC CONTAMINANTS (b) (Units µg/L)

Analyte	Result	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	5/12/10
1,1,1-Trichloroethane	< 0.5	200	5/12/10
1,1,2,2-Tetrachloroethane	< 0.5	NR	5/12/10
1,1,2-Trichloroethane	< 0.5	5	5/12/10
1,1-Dichloroethane	< 0.5	NR	5/12/10
1,1-Dichloroethane	< 0.5	7	5/12/10
1,1-Dichloropropylene	< 0.5	NR	5/12/10
1,2,3-Trichlorobenzene	< 0.5	NR	5/12/10
1,2,3-Trichloropropane	< 0.5	NR	5/12/10
1,2,4-Trichlorobenzene	< 0.5	70	5/12/10
1,2,4-Trimethylbenzene	< 0.5	NR	5/12/10
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	5/12/10
1,2-Dibromoethane	< 0.5	NR	5/12/10
1,2-Dichlorobenzene	< 0.5	600	5/12/10
1,2-Dichloroethane	< 0.5	5	5/12/10
1,2-Dichloropropane	< 0.5	5	5/12/10
1,3,5-Trimethylbenzene	< 0.5	NR	5/12/10
1,3-Dichlorobenzene	< 0.5	NR	5/12/10
1,3-Dichloropropane	< 0.5	NR	5/12/10
1,4-Dichlorobenzene	< 0.5	75	5/12/10
2,2-Dichloropropane	< 0.5	NR	5/12/10
2-Hexanone	< 0.5	NR	5/12/10
4 Methyl-2-Pentanone (MIBK)	< 0.5	NR	5/12/10
4-Isopropyltoluene	< 0.5	NR	5/12/10
Acetone	< 0.5	NR	5/12/10
Benzene	< 0.5	5	5/12/10
Bromobenzene	< 0.5	NR	5/12/10
Bromochloromethane	< 0.5	NR	5/12/10
Bromomethane	< 0.5	NR	5/12/10
Carbon Disulfide	< 0.5	NR	5/12/10
Chlorobenzene	< 0.5	100	5/12/10
Chloroethane	< 0.5	NR	5/12/10
Chloromethane	< 0.5	NR	5/12/10
cis-1, 2-Dichloroethylene	< 0.5	70	5/12/10
cis-1, 3-Dichloropropylene	< 0.5	NR	5/12/10
Dibromomethane	< 0.5	NR	5/12/10
Dichlorodifluoromethane	< 0.5	NR	5/12/10
Diethyl ether	< 0.5	NR	5/12/10

Analyte	Result	MCL	Date
Diisopropyl Ether (DIPE)	< 0.5	NR	5/12/10
Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	5/12/10
Ethylbenzene	< 0.5	700	5/12/10
Hexachlorobutadiene	< 0.5	NR	5/12/10
Isopropylbenzene	< 0.5	NR	5/12/10
m/p - Xylenes	< 0.5	NR	5/12/10
Methyl ethyl ketone (MEK) 2-Butanone	< 0.5	NR	5/12/10
Methylene chloride	< 0.5	5	5/12/10
Methyl-t-butyl-ether (MtBE)	< 0.5	NR	5/12/10
Napthalene	< 0.5	NR	5/12/10
n-Butylbenzene	< 0.5	NR	5/12/10
Nitrobenzene	< 0.5	NR	5/12/10
n-Propylbenzene	< 0.5	NR	5/12/10
o-Chlorotoluene	< 0.5	NR	5/12/10
o-Xylene	< 0.5	NR	5/12/10
p-Chlorotoluene	< 0.5	NR	5/12/10
sec Butylbenzene	< 0.5	NR	5/12/10
Styrene	< 0.5	100	5/12/10
Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	5/12/10
Tert-Butyl Alcohol (TBA)	< 0.5	NR	5/12/10
Tert-Butylbenzene	< 0.5	NR	5/12/10
Tetrachloroethylene	< 0.5	5	5/12/10
Tetrachloromethane	< 0.5	NR	5/12/10
Tetrahydrofuran	< 0.5	NR	5/12/10
Toluene	< 0.5	1000	5/12/10
Total Xylenes	< 0.5	10,000	5/12/10
Trans-1, 2-Dichloroethylene	< 0.5	100	5/12/10
Trans-1, 3-Dichloropropylene	< 0.5	NR	5/12/10
Trichloroethylene	< 0.5	5	5/12/10
Trichlorofluoromethane	< 0.5	NR	5/12/10
Vinyl chloride	< 0.5	2	5/12/10

DISINFECTION BY-PRODUCTS (a)

Analyte	Result	MCL	Date
Total Trihalomethanes	18 - 19	80	7/12/11
Haloacetic Acids	5.0 - 7.6	60	7/12/11

SYNTHETIC ORGANIC CONTAMINANTS (b) (Units µg/L)

Analyte	Result	MCL	Date
2,4,5-TP (Silvex)	BDL	50	12/11/06
2,4-D	BDL	70	12/11/06
3-Hydroxycarbofuran	BDL	NR	11/14/06
Alachlor	BDL	2	11/14/06
Aldicarb	BDL	NR	11/14/06
Aldicarb Sulfone	BDL	NR	11/14/06
Aldicarb Sulfoxide	BDL	NR	11/14/06
Aldrin	BDL	NR	11/14/06
Atrazine	BDL	3	11/14/06
Benzo (A) pyrene	BDL	NR	11/14/06
Butachlor	BDL	NR	11/14/06
Carbaryl	BDL	NR	11/14/06
Carbofuran	BDL	40	12/11/06
Chlordane	BDL	2	11/14/06
Di (2-ethylhexyl) adipate	BDL	NR	11/14/06
Di (2-Ethylhexyl) phthalate	BDL	6	11/14/06
Dibromochloropropane (DBCP)	BDL	NR	11/14/06
Dicamba	BDL	NR	11/14/06
Dieldrin	BDL	NR	11/14/06

Analyte	Result	MCL	Date
Dinoseb	BDL	7	12/11/06
Endrin	BDL	2	11/14/06
Ethylene dibromide (EDB)	BDL	0.05	11/14/06
Fluorene	BDL	NR	11/14/06
Glyphosate	BDL	700	11/14/06
Heptachlor	BDL	0.4	11/14/06
Heptachlor Epoxide	BDL	0.2	11/14/06
Hexachlorobenzene	BDL	1	11/14/06
Hexachlorocyclopentadiene	BDL	50	11/14/06
Lindane	BDL	0.2	11/14/06
Metholachlor	BDL	NR	11/14/06
Methomyl	BDL	NR	11/14/06
Methoxychlor	BDL	40	11/14/06
Metribuzin	BDL	NR	11/14/06
Oxamyl (Vydate)	BDL	200	12/11/06
Pentachlorophenol	BDL	1	11/14/06
Picloram	BDL	500	12/11/06
Propachlor	BDL	NR	11/14/06
Simazine	BDL	4	11/14/06
Toxaphene	BDL	3	11/14/06

**PENNICHUCK WATER WORKS
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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	nd	6	7/12/11
Arsenic (µg/L)	nd	10	7/12/11
Asbestos (MFL > 10µm)	nd	< 0.189	5/17/05
Barium (mg/L)	nd-0.020	2	7/12/11
Beryllium (µg/L)	nd	4	7/12/11
Cadmium (µg/L)	nd	5	7/12/11
Chromium (µg/L)	nd	100	7/12/11
Cyanide (µg/L)	nd	200	7/12/11
Fluoride (mg/L)	nd-0.34	4	7/12/11
Mercury (µg/L)	nd	2	7/12/11
Nickel (µg/L)	nd	100	7/12/11
Nitrate-N (mg/L)	1.10-1.14	10	5/12/10
Nitrite-N (mg/L)	nd	1	6/2/08
Selenium (µg/L)	nd	50	7/12/11
Thallium (µg/L)	nd	2	7/12/11
Perchlorate (µg/L)	0.159 - 0.208	2	7/10/11

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 5	15	2008
Copper (mg/L) 90th percentile sample	0.73	1.3	2008

Microbiological Contaminants (a)

Results	MCL	Date	
Total Coliform	Absent	≤1/month	Weekly*
E. coli	Absent	Absent	Weekly*

*7 samples per week are taken between April and September

*7 Samples per month are taken between October and March

Analyte	Results	MCL	Date
Chlorine Residual (mg/L)	0.5	<4.0	Weekly

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	57-213	250	3/7/11
Fluoride (mg/L)	nd-0.34	2	6/2/08
Iron (mg/L)	0.02	0.3	3/7/11
Manganese (mg/L)	0.07-0.23	0.05	3/7/11
pH (Units)	6.91-6.95	6.5 - 8.5	3/7/11
Silver (µg/L)	nd	100	3/7/11
Sodium (mg/L)	28.2 - 108	100-250	7/12/11
Sulfate (mg/L)	22-31	250	3/7/11
Zinc (mg/L)	0.03-0.04	5	3/7/11

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Adjusted Gross Alpha (pCi/L)	nd - 1	15	6/6/01
Radon Gas (pCi/L)	nd - 1200	None	6/6/01
Radium-226 (pCi/L)	0 - 0.1	5	6/23/03
Radium-228 (pCi/L)	0 - 0.6	5	6/23/03

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	93.2-118	3/7/11
Aluminium (mg/L)	nd	3/7/11
Calcium (mg/L)	27.5-44.8	3/7/11
Chlorine (mg/L)	0.2 - 0.6	n/a
Color (CPU)	ND-5	3/7/11
Copper (mg/L)	0.05-0.07	3/7/11
Magnesium (mg/L)	7.5-11.4	3/7/11
Odor (T.O.N.)	ND	3/7/11
Potassium (mg/L)	4.0-13.2	3/7/11
Total Dissolved Solids (mg/L)	214-222	3/7/11
Total Hardness as CaCO ₃ (mg/L)	99.6-159	3/7/11
Turbidity (NTU)	ND	3/7/11

SOURCE WATER INFORMATION

Water Source: Two wells are located on Lena May Way and a third well is located on Black Snake Road.

Treatment: Chlorination to kill bacteria; phosphate addition to sequester iron and manganese and provide corrosion control. Sodium Hydroxide to adjust pH to aid in corrosion control.

KEY TO ABBREVIATIONS

AL Action Level - The concentration of a contaminant which, if exceeded triggers treatment of or other requirements which a water system must follow.

MCL Maximum Contaminant Level - The highest level of a contaminant that is allowed in drinking water.

SMCL Secondary Maximum Contaminant Level - The highest level of a contaminant that affects the aesthetic characteristics (taste, odor, or color) of drinking water.

NR Not Regulated - Contaminants test for but not regulated by the State or EPA.

(a) samples taken from the distribution system.

(b) samples taken from the distribution entry point.

mg/L milligrams per Liter or parts per million.

µg/L micrograms per Liter or parts per billion.

pCi/L picocuries per Liter (measure of radioactivity) ≤ Less Than or Equal To < Less Than

N/A Not Applicable **nd** not detected **BDL** Below Detection Level **RAA** Running Annual Average

If you have any questions about this report, or about your water quality, please call Gary Tetley, Water Quality Manager, at 1-603-913-2378 or 1-800-553-5191.

Additional information about contaminants and their potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline 1-800-426-4791.