

**WATER QUALITY REPORT  
MAPLE HAVEN, DERRY, NH  
EPA # 0612170**

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	7/28/10	cis-1, 2-Dichloroethylene	< 0.5	70	7/28/10
1,1,1-Trichloroethane	< 0.5	200	7/28/10	cis-1, 3-Dichloropropylene	< 0.5	NR	7/28/10
1,1,2,2-Tetrachloroethane	< 0.5	NR	7/28/10	Dibromochloromethane	< 0.5	80	7/28/10
1,1,2-Trichloroethane	< 0.5	5	7/28/10	Dibromomethane	< 0.5	NR	7/28/10
1,1-Dichloroethane	< 0.5	NR	7/28/10	Dichlorodifluoromethane	< 0.5	NR	7/28/10
1,1-Dichloroethane	< 0.5	7	7/28/10	Diethyl ether	< 0.5	NR	7/28/10
1,1-Dichloropropylene	< 0.5	NR	7/28/10	Diisopropyl Ether (DIPE)	< 0.5	NR	7/28/10
1,2,3-Trichlorobenzene	< 0.5	NR	7/28/10	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/28/10
1,2,3-Trichloropropane	< 0.5	NR	7/28/10	Ethylbenzene	< 0.5	700	7/28/10
1,2,4-Trichlorobenzene	< 0.5	70	7/28/10	Hexachlorobutadiene	< 0.5	NR	7/28/10
1,2,4-Trimethylbenzene	< 0.5	NR	7/28/10	Isopropylbenzene	< 0.5	NR	7/28/10
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	7/28/10	m/p - Xylenes	< 0.5	NR	7/28/10
1,2-Dibromoethane	< 0.5	NR	7/28/10	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	7/28/10
1,2-Dichlorobenzene	< 0.5	600	7/28/10	Methylene chloride	< 0.5	5	7/28/10
1,2-Dichloroethane	< 0.5	5	7/28/10	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/28/10
1,2-Dichloropropane	< 0.5	5	7/28/10	Napthalene	< 0.5	NR	7/28/10
1,3,5-Trimethylbenzene	< 0.5	NR	7/28/10	n-Butylbenzene	< 0.5	NR	7/28/10
1,3-Dichlorobenzene	< 0.5	NR	7/28/10	Nitrobenzene	<10	NR	7/28/10
1,3-Dichloropropane	< 0.5	NR	7/28/10	n-Propylbenzene	< 0.5	NR	7/28/10
1,4-Dichlorobenzene	< 0.5	75	7/28/10	o-Xylene	< 0.5	NR	7/28/10
2,2-Dichloropropane	< 0.5	NR	7/28/10	sec Butylbenzene	< 0.5	NR	7/28/10
2-Chlorotoluene	<0.5	0.5	7/28/10	Styrene	< 0.5	100	7/28/10
2-Hexanone	<10	NR	7/28/10	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/28/10
4 Methyl-2-Pentanone (MIBK)	<10	NR	7/28/10	Tert-Butyl Alcohol (TBA)	<10	NR	7/28/10
4-Chlorotoluene	<0.5	0.5	7/28/10	Tert-Butylbenzene	< 0.5	NR	7/28/10
4-Isopropyltoluene	< 0.5	NR	7/28/10	Tetrachloroethylene	< 0.5	5	7/28/10
Acetone	<10	NR	7/28/10	Tetrachloromethane	< 0.5	NR	7/28/10
Benzene	< 0.5	5	7/28/10	Tetrahydrofuran	<10	NR	7/28/10
Bromobenzene	< 0.5	NR	7/28/10	Toluene	< 0.5	1000	7/28/10
Bromochloromethane	< 0.5	NR	7/28/10	Total Xylenes	< 0.5	10,000	7/28/10
Bromodichloromethane	< 0.5	80	7/28/10	Trans-1, 2-Dichloroethylene	< 0.5	100	7/28/10
Bromoform	< 0.5	80	7/28/10	Trans-1, 3-Dichloropropylene	< 0.5	NR	7/28/10
Bromomethane	< 0.5	NR	7/28/10	Trichloroethylene	< 0.5	5	7/28/10
Carbon Disulfide	< 0.5	NR	7/28/10	Trichlorofluoromethane	< 0.5	NR	7/28/10
Chlorobenzene	< 0.5	100	7/28/10	Vinyl chloride	< 0.5	2	7/28/10
Chloroethane	< 0.5	NR	7/28/10				
Chloroform	1.8	80	7/28/10				
Chloromethane	< 0.5	NR	7/28/10				

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

	Results	MCL	Date		Results	MCL	Date
1, 2-Dibromo-3-chloropropane (DBCP)	< 0.02	0.2	7/28/10	Endrin	< 0.1	2	7/28/10
2,4,5-TP (Silvex)	< 0.25	50	7/28/10	Ethylene dibromide (EDB)	< 0.02	0.05	7/28/10
2,4-D	< 1	70	7/28/10	Glyphosate	< 10	700	7/28/10
3-Hydroxycarbofuran	< 1	NR	7/28/10	Heptachlor	< 0.1	0.4	7/28/10
Alachlor	< 0.1	2	7/28/10	Heptachlor Epoxide	< 0.1	0.2	7/28/10
Aldicarb	< 1	NR	7/28/10	Hexachlorobenzene	< 0.1	1	7/28/10
Aldicarb Sulfone	< 1	NR	7/28/10	Hexachlorocyclopentadiene	< 0.1	50	7/28/10
Aldicarb Sulfoxide	< 1	NR	7/28/10	Lindane	< 0.1	0.2	7/28/10
Aldrin	< 0.1	NR	7/28/10	Methiocarb	< 1	7	7/28/10
Atrazine	< 0.1	3	7/28/10	Metolachlor	< 0.1	40	7/28/10
Benzo(a)pyrene	< 0.1	0.2	7/28/10	Methomyl	< 1	NR	7/28/10
Butachlor	< 0.1	NR	7/28/10	Methoxychlor	< 0.1	40	7/28/10
Carbaryl	< 1	NR	7/28/10	Metribuzin	< 0.1	NR	7/28/10
Carbofuran	< 1	40	7/28/10	Oxamyl (Vydate)	< 1	200	7/28/10
Chlordane	< 0.4	2	7/28/10	Pentachlorophenol	< 0.1	1	7/28/10
Di (2-ethylhexyl) adipate	< 1	400	7/28/10	Picloram	< 2	500	7/28/10
Di (2-Ethylhexyl) phthalate	< 1	6	7/28/10	Propachlor	< 0.1	NR	7/28/10
Dicamba	< 0.5	NR	7/28/10	Propoxur (Baygon)	< 1	NR	7/28/10
Dieldrin	< 0.1	NR	7/28/10	Simazine	< 0.1	4	7/28/10
Dinoseb	< 1	7	7/28/10	Toxaphene	< 2	3	7/28/10

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**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (µg/L)	<0.002	6	7/28/10
Arsenic (µg/L)	<0.002	10	7/28/10
Barium (mg/L)	< 0.01	2	7/28/10
Beryllium (µg/L)	<0.002	4	7/28/10
Cadmium (µg/L)	<0.002	5	7/28/10
Chromium (µg/L)	<0.01	100	7/28/10
Cyanide (µg/L)	< 20	200	7/31/07
Fluoride (mg/L)	0.24	4	7/28/10
Mercury (µg/L)	<0.0001	2	7/28/10
Nickel (µg/L)	<0.01	100	7/28/10
Nitrate-N (mg/L)	< 0.2	10	7/28/10
Nitrite-N (mg/L)	< 0.05	1	8/26/09
Selenium (µg/L)	<0.005	50	7/28/10
Thallium (µg/L)	<0.001	2	7/28/10

**FIRST DRAW LEAD AND COPPER (a)**

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 5	15	2009
Copper (mg/L) 90th percentile sample	0.206	1.3	2009

**Microbiological Contaminants (a)**

Results	MCL
Total Coliform	<5%/month
E. coli	Absent

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	47	250	7/28/10
Fluoride (mg/L)	0.24	2	7/28/10
Iron (mg/L)	0.015	0.3	7/28/10
Manganese (mg/L)	0.079	0.05	7/28/10
pH (Standard Units)	7.82	6.5 – 8.5	7/28/10
Silver (µg/L)	< 4	100	7/31/07
Sodium (mg/L)	9	100-250	7/31/07
Sulfate (mg/L)	28	250	7/28/10
Zinc (mg/L)	0.051	5	7/28/10

**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 2.8	15	12/4/06
Radon Gas (pCi/L)	1,510	None	4/25/11
Radium-226 (pCi/L)	< 0.1	5	12/4/06
Radium-228 (pCi/L)	< 0.5	5	12/4/06
Uranium (µg/L)	2.6	30	12/4/06

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	80	9/7/10
Calcium (mg/L)	34.5	7/31/07
Copper (mg/L)	< 0.01	7/28/10
Hardness, Total as CaCO <sub>3</sub> (mg/L)	100	5/27/08
Hydrogen Sulfide (mg/L)	0.22	7/31/07
Lead (µg/L)	< 5	7/31/07
Magnesium (mg/L)	2.6	7/31/07
Specific Conductance (umhos/cm <sup>2</sup> )	241.8	5/29/08
Sulfide (mg/L)	0.8	7/31/07

**SOURCE WATER AND TREATMENT INFORMATION**

**Water Source:** Two bedrock wells. Well # 3 is located 169 feet north of the pump station. Well # 4 is located 200 feet northeast of the pump station.

**Treatment:** Phosphate addition to sequester iron and manganese and 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)

**N/A** Not Applicable     **nd** not detected     **BDL** Below Detection Level

**CONTACT INFORMATION**

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.