

**WATER QUALITY REPORT**  
**SHAKER HEIGHTS, CHESTER, NH**  
**EPA # 0432040**

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	11/17/10	cis-1, 2-Dichloroethylene	< 0.5	70	11/17/10
1,1,1-Trichloroethane	< 0.5	200	11/17/10	cis-1, 3-Dichloropropylene	< 0.5	NR	11/17/10
1,1,2,2-Tetrachloroethane	< 0.5	NR	11/17/10	Dibromochloromethane	0.5	80	11/17/10
1,1,2-Trichloroethane	< 0.5	5	11/17/10	Dibromomethane	< 0.5	NR	11/17/10
1,1-Dichloroethane	< 0.5	NR	11/17/10	Dichlorodifluoromethane	< 0.5	NR	11/17/10
1,1-Dichloroethane	< 0.5	7	11/17/10	Diethyl ether	< 0.5	NR	11/17/10
1,1-Dichloropropylene	< 0.5	NR	11/17/10	Diisopropyl Ether (DIPE)	< 0.5	NR	11/17/10
1,2,3-Trichlorobenzene	< 0.5	NR	11/17/10	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	11/17/10
1,2,3-Trichloropropane	< 0.5	NR	11/17/10	Ethylbenzene	< 0.5	700	11/17/10
1,2,4-Trichlorobenzene	< 0.5	70	11/17/10	Hexachlorobutadiene	< 0.5	NR	11/17/10
1,2,4-Trimethylbenzene	< 0.5	NR	11/17/10	Isopropylbenzene	< 0.5	NR	11/17/10
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	11/17/10	m/p - Xylenes	< 0.5	NR	11/17/10
1,2-Dibromoethane	< 0.5	NR	11/17/10	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	11/17/10
1,2-Dichlorobenzene	< 0.5	600	11/17/10	Methylene chloride	< 0.5	5	11/17/10
1,2-Dichloroethane	< 0.5	5	11/17/10	Methyl-t-butyl-ether (MtBE)	< 0.5	13	11/17/10
1,2-Dichloropropane	< 0.5	5	11/17/10	Napthalene	< 0.5	NR	11/17/10
1,3,5-Trimethylbenzene	< 0.5	NR	11/17/10	n-Butylbenzene	< 0.5	NR	11/17/10
1,3-Dichlorobenzene	< 0.5	NR	11/17/10	Nitrobenzene	<10	NR	11/17/10
1,3-Dichloropropane	< 0.5	NR	11/17/10	n-Propylbenzene	< 0.5	NR	11/17/10
1,4-Dichlorobenzene	< 0.5	75	11/17/10	o-Xylene	< 0.5	NR	11/17/10
2,2-Dichloropropane	< 0.5	NR	11/17/10	sec Butylbenzene	< 0.5	NR	11/17/10
2-Chlorotoluene	<0.5	0.5	11/17/10	Styrene	< 0.5	100	11/17/10
2-Hexanone	<10	NR	11/17/10	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	11/17/10
4 Methyl-2-Pentanone (MIBK)	<10	NR	11/17/10	Tert-Butyl Alcohol (TBA)	<10	NR	11/17/10
4-Chlorotoluene	<0.5	0.5	11/17/10	Tert-Butylbenzene	< 0.5	NR	11/17/10
4-Isopropyltoluene	< 0.5	NR	11/17/10	Tetrachloroethylene	< 0.5	5	11/17/10
Acetone	<10	NR	11/17/10	Tetrachloromethane	< 0.5	NR	11/17/10
Benzene	< 0.5	5	11/17/10	Tetrahydrofuran	<10	NR	11/17/10
Bromobenzene	< 0.5	NR	11/17/10	Toluene	< 0.5	1000	11/17/10
Bromochloromethane	< 0.5	NR	11/17/10	Total Xylenes	< 0.5	10,000	11/17/10
Bromodichloromethane	< 0.5	80	11/17/10	Trans-1, 2-Dichloroethylene	< 0.5	100	11/17/10
Bromoform	< 0.5	80	11/17/10	Trans-1, 3-Dichloropropylene	< 0.5	NR	11/17/10
Bromomethane	< 0.5	NR	11/17/10	Trichloroethylene	< 0.5	5	11/17/10
Carbon Disulfide	< 0.5	NR	11/17/10	Trichlorofluoromethane	< 0.5	NR	11/17/10
Chlorobenzene	< 0.5	100	11/17/10	Vinyl chloride	< 0.5	2	11/17/10
Chloroethane	< 0.5	NR	11/17/10				
Chloroform	< 0.5	80	11/17/10				
Chloromethane	< 0.5	NR	11/17/10				

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

	Results	MCL	Date		Results	MCL	Date
1, 2-Dibromo-3-chloropropane (DBCP)	< 0.02	0.2	10/27/05	Endrin	< 0.1	2	10/27/05
2,4,5-TP (Silvex)	< 0.25	50	10/27/05	Ethylene dibromide (EDB)	< 0.02	0.05	10/27/05
2,4-D	< 1	70	10/27/05	Glyphosate	< 10	700	10/27/05
3-Hydroxycarbofuran	< 1	NR	10/27/05	Heptachlor	< 0.1	0.4	10/27/05
Alachlor	< 0.1	2	10/27/05	Heptachlor Epoxide	< 0.1	0.2	10/27/05
Aldicarb	< 1	NR	10/27/05	Hexachlorobenzene	< 0.1	1	10/27/05
Aldicarb Sulfone	< 1	NR	10/27/05	Hexachlorocyclopentadiene	< 0.1	50	10/27/05
Aldicarb Sulfoxide	< 1	NR	10/27/05	Lindane	< 0.1	0.2	10/27/05
Aldrin	< 0.1	NR	10/27/05	Methiocarb	< 1	7	10/27/05
Atrazine	< 0.1	3	10/27/05	Metolachlor	< 0.1	40	10/27/05
Benzo(a)pyrene	< 0.1	0.2	10/27/05	Methomyl	< 1	NR	10/27/05
Butachlor	< 0.1	NR	10/27/05	Methoxychlor	< 0.1	40	10/27/05
Carbaryl	< 1	NR	10/27/05	Metribuzin	< 0.1	NR	10/27/05
Carbofuran	< 1	40	10/27/05	Oxamyl (Vydate)	< 1	200	10/27/05
Chlordane	< 0.4	2	10/27/05	Pentachlorophenol	< 0.1	1	10/27/05
Di (2-ethylhexyl) adipate	< 1	400	10/27/05	Picloram	< 0.5	500	10/27/05
Di (2-Ethylhexyl) phthalate	< 1	6	10/27/05	Propachlor	< 0.1	NR	10/27/05
Dicamba	< 0.5	NR	10/27/05	Propoxur (Baygon)	< 1	NR	10/27/05
Dieldrin	< 0.1	NR	10/27/05	Simazine	< 0.1	4	10/27/05
Dinoseb	< 1	7	10/27/05	Toxaphene	< 2	3	10/27/05

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**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	10/30/08
Arsenic (µg/L)	< 2	10	10/30/08
Barium (mg/L)	0.066	2	10/30/08
Beryllium (µg/L)	< 2	4	10/30/08
Cadmium (µg/L)	< 2	5	10/30/08
Chromium (µg/L)	< 10	100	10/30/08
Cyanide (µg/L)	< 20	200	10/30/08
Fluoride (mg/L)	1.28	4	10/30/08
Mercury (µg/L)	0.1	2	10/30/08
Nickel (µg/L)	< 10	100	10/30/08
Nitrate-N (mg/L)	< 0.2	10	11/17/10
Nitrite-N (mg/L)	< 0.05	1	10/30/08
Selenium (µg/L)	< 5	50	10/30/08
Thallium (µg/L)	< 1	2	10/30/08

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	40	250	10/30/08
Fluoride (mg/L)	1.28	2	10/30/08
Iron (mg/L)	0.065	0.3	10/30/08
Manganese (mg/L)	0.048	0.05	10/30/08
pH (Standard Units)	7.95	6.5 – 8.5	10/30/08
Silver (µg/L)	< 4	100	10/30/08
Sodium (mg/L)	15	100-250	10/30/08
cookie	22.1	250	10/30/08
Zinc (mg/L)	0.138	5	10/30/08

**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 2.8	15	9/25/06
Radon Gas (pCi/L)	519	None	4/21/10
Radium-226 (pCi/L)	0.3	5	9/25/06
Radium-228 (pCi/L)	< 0.5	5	9/25/06
Uranium (µg/L)	< 0.8	30	9/25/06

**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	0.324	1.3	2009

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	71	10/30/08
Calcium (mg/L)	38.1	10/30/08
Copper (mg/L)	0.012	10/30/08
Hardness, Total as CaCO <sub>3</sub> (mg/L)	111	10/30/08
Hydrogen Sulfide (mg/L)	<0.02	10/30/08
Lead (µg/L)	< 5	10/30/08
Magnesium (mg/L)	3.9	10/30/08
Specific Conductance (umhos/cm <sup>2</sup> )	335	10/30/08
Sulfide (mg/L)	<0.2	10/30/08

Microbiological Contaminants (a)	Results	MCL
Total Coliform	Absent	<5%/month
E. coli	Absent	Absent

**Water Source:** One bedrock well located 35 feet southeast of pump house. Bedrock well # 1 is 780 feet deep and yields 10 gallons per minute.  
**Treatment:** The water does not require treatment.

**Abbreviaton Key**

**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

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.