

**WATER QUALITY REPORT
HUBBARD HILL, DERRY, NH
EPA # 0612090**

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	11/12/09	cis-1, 2-Dichloroethylene	< 0.5	70	11/12/09
1,1,1-Trichloroethane	< 0.5	200	11/12/09	cis-1, 3-Dichloropropylene	< 0.5	NR	11/12/09
1,1,2,2-Tetrachloroethane	< 0.5	NR	11/12/09	Dibromochloromethane	1.6	80	11/12/09
1,1,2-Trichloroethane	< 0.5	5	11/12/09	Dibromomethane	< 0.5	NR	11/12/09
1,1-Dichloroethane	< 0.5	NR	11/12/09	Dichlorodifluoromethane	< 0.5	NR	11/12/09
1,1-Dichloroethane	< 0.5	7	11/12/09	Diethyl ether	< 0.5	NR	11/12/09
1,1-Dichloropropylene	< 0.5	NR	11/12/09	Diisopropyl Ether (DIPE)	< 0.5	NR	11/12/09
1,2,3-Trichlorobenzene	< 0.5	NR	11/12/09	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	11/12/09
1,2,3-Trichloropropane	< 0.5	NR	11/12/09	Ethylbenzene	< 0.5	700	11/12/09
1,2,4-Trichlorobenzene	< 0.5	70	11/12/09	Hexachlorobutadiene	< 0.5	NR	11/12/09
1,2,4-Trimethylbenzene	< 0.5	NR	11/12/09	Isopropylbenzene	< 0.5	NR	11/12/09
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	11/12/09	m/p - Xylenes	< 0.5	NR	11/12/09
1,2-Dibromoethane	< 0.5	NR	11/12/09	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	11/12/09
1,2-Dichlorobenzene	< 0.5	600	11/12/09	Methylene chloride	< 0.5	5	11/12/09
1,2-Dichloroethane	< 0.5	5	11/12/09	Methyl-t-butyl-ether (MtBE)	< 0.5	13	11/12/09
1,2-Dichloropropane	< 0.5	5	11/12/09	Napthalene	< 0.5	NR	11/12/09
1,3,5-Trimethylbenzene	< 0.5	NR	11/12/09	n-Butylbenzene	< 0.5	NR	11/12/09
1,3-Dichlorobenzene	< 0.5	NR	11/12/09	Nitrobenzene	<10	NR	11/12/09
1,3-Dichloropropane	< 0.5	NR	11/12/09	n-Propylbenzene	< 0.5	NR	11/12/09
1,4-Dichlorobenzene	< 0.5	75	11/12/09	o-Xylene	< 0.5	NR	11/12/09
2,2-Dichloropropane	< 0.5	NR	11/12/09	sec Butylbenzene	< 0.5	NR	11/12/09
2-Chlorotoluene	<0.5	0.5	11/12/09	Styrene	< 0.5	100	11/12/09
2-Hexanone	<10	NR	11/12/09	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	11/12/09
4 Methyl-2-Pentanone (MIBK)	<10	NR	11/12/09	Tert-Butyl Alcohol (TBA)	<10	NR	11/12/09
4-Chlorotoluene	<0.5	0.5	11/12/09	Tert-Butylbenzene	< 0.5	NR	11/12/09
4-Isopropyltoluene	< 0.5	NR	11/12/09	Tetrachloroethylene	< 0.5	5	11/12/09
Acetone	<10	NR	11/12/09	Tetrachloromethane	< 0.5	NR	11/12/09
Benzene	< 0.5	5	11/12/09	Tetrahydrofuran	<10	NR	11/12/09
Bromobenzene	< 0.5	NR	11/12/09	Toluene	< 0.5	1000	11/12/09
Bromochloromethane	< 0.5	NR	11/12/09	Total Xylenes	< 0.5	10,000	11/12/09
Bromodichloromethane	1.5	80	11/12/09	Trans-1, 2-Dichloroethylene	< 0.5	100	11/12/09
Bromoform	< 0.5	80	11/12/09	Trans-1, 3-Dichloropropylene	< 0.5	NR	11/12/09
Bromomethane	< 0.5	NR	11/12/09	Trichloroethylene	< 0.5	5	11/12/09
Carbon Disulfide	< 0.5	NR	11/12/09	Trichlorofluoromethane	< 0.5	NR	11/12/09
Chlorobenzene	< 0.5	100	11/12/09	Vinyl chloride	< 0.5	2	11/12/09
Chloroethane	< 0.5	NR	11/12/09	DISINFECTION BY-PRODUCTS (a)			
Chloroform	1.0	80	11/12/09	Total Trihalomethanes	3.5	80	8/17/10
Chloromethane	< 0.5	NR	11/12/09	Haloacetic Acids	< 1	60	8/17/10

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

	Results	MCL	Date		Results	MCL	Date
1, 2-Dibromo-3-chloropropane (DBCP)	< 0.02	0.2	11/12/09	Endrin	< 0.1	2	11/12/09
2,4,5-TP (Silvex)	< 0.25	50	11/12/09	Ethylene dibromide (EDB)	< 0.02	0.05	11/12/09
2,4-D	< 1	70	11/12/09	Glyphosate	< 10	700	11/12/09
3-Hydroxycarbofuran	< 1	NR	11/12/09	Heptachlor	< 0.1	0.4	11/12/09
Alachlor	< 0.1	2	11/12/09	Heptachlor Epoxide	< 0.1	0.2	11/12/09
Aldicarb	< 1	NR	11/12/09	Hexachlorobenzene	< 0.1	1	11/12/09
Aldicarb Sulfone	< 1	NR	11/12/09	Hexachlorocyclopentadiene	< 0.1	50	11/12/09
Aldicarb Sulfoxide	< 1	NR	11/12/09	Lindane	< 0.1	0.2	11/12/09
Aldrin	< 0.1	NR	11/12/09	Methiocarb	< 1	7	11/12/09
Atrazine	< 0.1	3	11/12/09	Metolachlor	< 0.1	40	11/12/09
Benzo(a)pyrene	< 0.1	0.2	11/12/09	Methomyl	< 1	NR	11/12/09
Butachlor	< 0.1	NR	11/12/09	Methoxychlor	< 0.1	40	11/12/09
Carbaryl	< 1	NR	11/12/09	Metribuzin	< 0.1	NR	11/12/09
Carbofuran	< 1	40	11/12/09	Oxamyl (Vydate)	< 1	200	11/12/09
Chlordane	< 0.4	2	11/12/09	Pentachlorophenol	< 0.1	1	11/12/09
Di (2-ethylhexyl) adipate	< 1	400	11/12/09	Picloram	< 0.5	500	11/12/09
Di (2-Ethylhexyl) phthalate	< 1	6	11/12/09	Propachlor	< 0.1	NR	11/12/09
Dicamba	< 0.5	NR	11/12/09	Proxopur (Baygon)	< 1	NR	11/12/09
Dieldrin	< 0.1	NR	11/12/09	Simazine	< 0.1	4	11/12/09
Dinoseb	< 1	7	11/12/09	Toxaphene	< 2	3	11/12/09

**WATER QUALITY REPORT
HUBBARD HILL, DERRY, NH
EPA # 0612090**

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	11/5/08
Arsenic (µg/L)	< 2	10	11/12/09
Barium (mg/L)	< 0.01	2	11/5/08
Beryllium (µg/L)	< 2	4	11/5/08
Cadmium (µg/L)	< 2	5	11/5/08
Chromium (µg/L)	< 10	100	11/5/08
Cyanide (µg/L)	< 20	200	11/5/08
Fluoride (mg/L)	0.88	4	11/5/08
Mercury (µg/L)	0.4	2	11/5/08
Nickel (µg/L)	< 10	100	11/5/08
Nitrate-N (mg/L)	< 0.2	10	10/28/10
Nitrite-N (mg/L)	< 0.05	1	11/5/08
Selenium (µg/L)	< 5	50	11/5/08
Thallium (µg/L)	< 1	2	11/5/08

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	11	15	2010
Copper (mg/L) 90th percentile sample	0.251	1.3	2010

Microbiological Contaminants (a)

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

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	23	250	11/5/08
Fluoride (mg/L)	0.88	2	11/5/08
Iron (mg/L)	0.068	0.3	11/5/08
Manganese (mg/L)	0.024	0.05	11/5/08
pH (Standard Units)	7.35	6.5 – 8.5	11/5/08
Silver (µg/L)	< 4	100	11/5/08
Sodium (mg/L)	27.8	100-250	11/5/08
Sulfate (mg/L)	11.7	250	11/5/08
Zinc (mg/L)	0.046	5	11/5/08

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 2.9	15	12/4/06
Radon Gas (pCi/L)	777	None	4/20/10
Radium-226 (pCi/L)	< 0.2	5	12/4/06
Radium-228 (pCi/L)	< 0.5	5	12/4/06
Uranium (µg/L)	2.9	30	12/4/06

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	54	11/5/08
Calcium (mg/L)	11.7	11/5/08
Copper (mg/L)	< 0.01	11/5/08
Hardness, Total as CaCO ₃ (mg/L)	29.2	11/5/08
Hydrogen Sulfide (mg/L)	<0.02	11/5/08
Lead (µg/L)	< 5	11/5/08
Magnesium (mg/L)	< 1	11/5/08
Specific Conductance (umhos/cm ²)	228	11/5/08
Sulfide (mg/L)	<0.2	11/5/08

SOURCE WATER AND TREATMENT INFORMATION

Water Source: One bedrock well. Well # 2 is located 75 feet north of the pump station.

Treatment: Chlorination to kill bacteria and pH adjustment using sodium hydroxide to reduce corrosion.

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.