

**WATER QUALITY REPORT
GLEN RIDGE, DERRY, NH
EPA # 0612070**

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	0.8	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 Trihalomethanes	0.8	80	11/12/09
Bromodichloromethane	< 0.5	80	11/12/09	Total Xylenes	< 0.5	10,000	11/12/09
Bromoform	< 0.5	80	11/12/09	Trans-1, 2-Dichloroethylene	< 0.5	100	11/12/09
Bromomethane	< 0.5	NR	11/12/09	Trans-1, 3-Dichloropropylene	< 0.5	NR	11/12/09
Carbon Disulfide	< 0.5	NR	11/12/09	Trichloroethylene	< 0.5	5	11/12/09
Chlorobenzene	< 0.5	100	11/12/09	Trichlorofluoromethane	< 0.5	NR	11/12/09
Chloroethane	< 0.5	NR	11/12/09	Vinyl chloride	< 0.5	2	11/12/09
Chloroform	< 0.5	80	11/12/09	DISINFECTION BY-PRODUCTS (a)			
Chloromethane	< 0.5	NR	11/12/09	Total Trihalomethanes	2.3	80	8/9/10
				Haloacetic Acids	< 1	60	8/9/10

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

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

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (µg/L)	< 2	6	11/12/09
Arsenic (µg/L)	< 2	10	11/12/09
Barium (mg/L)	< 0.01	2	11/12/09
Beryllium (µg/L)	< 2	4	11/12/09
Cadmium (µg/L)	< 2	5	11/12/09
Chromium (µg/L)	< 10	100	11/12/09
Cyanide (µg/L)	< 20	200	11/12/09
Fluoride (mg/L)	0.23	4	11/12/09
Mercury (µg/L)	< 0.2	2	11/12/09
Nickel (µg/L)	< 10	100	11/12/09
Nitrate-N (mg/L)	0.23	10	10/28/10
Nitrite-N (mg/L)	< 0.05	1	11/12/09
Selenium (µg/L)	< 5	50	11/12/09
Thallium (µg/L)	< 1	2	11/12/09

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	0.600	1.3	2009

Microbiological Contaminants (a)

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

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	55	250	11/12/09
Fluoride (mg/L)	0.26	2	11/12/09
Iron (mg/L)	<0.01	0.3	11/12/09
Manganese (mg/L)	0.023	0.05	11/12/09
pH (Standard Units)	7.34	6.5 – 8.5	11/12/09
Silver (µg/L)	< 4	100	11/12/09
Sodium (mg/L)	20.5	100-250	11/12/09
Sulfate (mg/L)	23.3	250	11/12/09
Zinc (mg/L)	0.014	5	11/12/09

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	0	15	4/19/11
Radon Gas (pCi/L)	7,080	None	7/5/11
Radium-226 (pCi/L)	0.2	5	11/5/08
Radium-228 (pCi/L)	0.5	5	11/5/08
Uranium (µg/L)	14	30	6/6/11

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	69.8	11/12/09
Calcium (mg/L)	43	11/12/09
Copper (mg/L)	0.016	11/12/09
Hardness, Total as CaCO ₃ (mg/L)	123	11/12/09
Hydrogen Sulfide (mg/L)	<0.02	11/12/09
Lead (µg/L)	< 5	11/12/09
Magnesium (mg/L)	3.9	11/12/09
Specific Conductance (umhos/cm ²)	405	11/12/09
Sulfide (mg/L)	<0.2	11/12/09

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells. Well # 1 is located 240 feet southeast of the pump station. Well # 2 is located 200 feet northeast of the pump station.

Treatment: Chlorine to disinfect the water; filtration to reduce uranium; aeration to reduce radon levels; phosphate addition to reduce corrosion and sequester iron and manganese.

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 **≤** Less Than or Equal To **<** Less Than

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.