

WATER QUALITY REPORT
Ministerial, Londonderry, NH
EPA # 1392310

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	12/4/17	Chloroform	2.3	80	12/4/17
1,1,1-Trichloroethane	< 0.5	200	12/4/17	Chloromethane	< 0.5	NR	12/4/17
1,1,2,2-Tetrachloroethane	< 0.5	NR	12/4/17	cis-1, 2-Dichloroethylene	< 0.5	70	12/4/17
1,1,2-Trichloroethane	< 0.5	5	12/4/17	cis-1, 3-Dichloropropylene	< 0.5	NR	12/4/17
1,1-Dichloroethane	< 0.5	NR	12/4/17	Dibromochloromethane	3.6	80	12/4/17
1,1-Dichloroethylene	< 0.5	7	12/4/17	Dibromomethane	< 0.5	NR	12/4/17
1,1-Dichloropropylene	< 0.5	NR	12/4/17	Dichlorodifluoromethane	< 0.5	NR	12/4/17
1,2,3-Trichlorobenzene	< 0.5	NR	12/4/17	Diethyl ether	< 0.5	NR	12/4/17
1,2,3-Trichloropropane	< 0.5	NR	12/4/17	Diisopropyl Ether (DIPE)	< 0.5	NR	12/4/17
1,2,4-Trichlorobenzene	< 0.5	70	12/4/17	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	12/4/17
1,2,4-Trimethylbenzene	< 0.5	NR	12/4/17	Ethylbenzene	< 0.5	700	12/4/17
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	12/4/17	Hexachlorobutadiene	< 0.5	NR	12/4/17
1,2-Dibromoethane	< 0.5	NR	12/4/17	Isopropylbenzene	< 0.5	NR	12/4/17
1,2-Dichlorobenzene	< 0.5	600	12/4/17	m/p - Xylenes	< 0.5	NR	12/4/17
1,2-Dichloroethane	< 0.5	5	12/4/17	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	12/4/17
1,2-Dichloropropane	< 0.5	5	12/4/17	Methylene chloride	< 0.5	5	12/4/17
1,3,5-Trimethylbenzene	< 0.5	NR	12/4/17	Methyl-t-butyl-ether (MtBE)	< 0.5	13	12/4/17
1,3-Dichlorobenzene	< 0.5	NR	12/4/17	Naphthalene	< 0.5	NR	12/4/17
1,3-Dichloropropane	< 0.5	NR	12/4/17	n-Butylbenzene	< 0.5	NR	12/4/17
1,4-Dichlorobenzene	< 0.5	75	12/4/17	Nitrobenzene	<10	NR	12/4/17
2,2-Dichloropropane	< 0.5	NR	12/4/17	n-Propylbenzene	< 0.5	NR	12/4/17
2-Butanone (MEK)	<10	NR	12/4/17	o-Xylene	< 0.5	NR	12/4/17
2-Chlorotoluene	<0.5	0.5	12/4/17	sec Butylbenzene	< 0.5	NR	12/4/17
2-Hexanone	<10	NR	12/4/17	Styrene	< 0.5	100	12/4/17
4 Methyl-2-Pentanone (MIBK)	<10	NR	12/4/17	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	12/4/17
4-Chlorotoluene	<0.5	0.5	12/4/17	Tert-Butyl Alcohol (TBA)	23	NR	12/4/17
4-Isopropyltoluene	< 0.5	NR	12/4/17	Tert-Butylbenzene	< 0.5	NR	12/4/17
Acetone	18	NR	12/4/17	Tetrachloroethylene	< 0.5	5	12/4/17
Benzene	< 0.5	5	12/4/17	Tetrachloromethane	< 0.5	NR	12/4/17
Bromobenzene	< 0.5	NR	12/4/17	Tetrahydrofuran	<10	NR	12/4/17
Bromochloromethane	< 0.5	NR	12/4/17	Toluene	< 0.5	1000	12/4/17
Bromodichloromethane	4	80	12/4/17	Total Trihalomethanes	10.6	80	12/4/17
Bromoform	0.7	80	12/4/17	Total Xylenes	< 0.5	10,000	12/4/17
Bromomethane	< 0.5	NR	12/4/17	Trans-1, 2-Dichloroethylene	< 0.5	100	12/4/17
Carbon Disulfide	< 0.5	NR	12/4/17	Trans-1, 3-Dichloropropylene	< 0.5	NR	12/4/17
Carbon Tetrachloride	< 0.5	5	12/4/17	Trichloroethylene	< 0.5	5	12/4/17
Chlorobenzene	< 0.5	100	12/4/17	Trichlorofluoromethane	< 0.5	NR	12/4/17
Chloroethane	<0.5	NR	12/4/17	Vinyl chloride	< 0.5	2	12/4/17

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	12/8/11	Diquat		20	
2,4-D	< 1	70	12/8/11	Endrin	< 0.1	2	12/8/11
3-Hydroxycarbofuran	< 1	NR	12/8/11	Ethylene dibromide (EDB)	< 0.02	0.05	12/8/11
Alachlor	< 0.1	2	12/8/11	Glyphosate	< 10	700	12/8/11
Aldicarb	< 1	NR	12/8/11	Heptachlor	< 0.1	0.4	12/8/11
Aldicarb Sulfone	< 1	NR	12/8/11	Heptachlor Epoxide	< 0.1	0.2	12/8/11
Aldicarb Sulfoxide	< 1	NR	12/8/11	Hexachlorobenzene	< 0.1	1	12/8/11
Aldrin	< 0.1	NR	12/8/11	Hexachlorocyclopentadiene	< 0.1	50	12/8/11
Atrazine	< 0.1	3	12/8/11	Lindane	< 0.1	0.2	12/8/11
Benzo(a)pyrene	< 0.1	0.2	12/8/11	Methiocarb	< 1	7	12/8/11
Butachlor	< 0.1	NR	12/8/11	Methomyl	< 1	NR	12/8/11
Carbaryl	< 1	NR	12/8/11	Methoxychlor	< 0.1	40	12/8/11
Carbofuran	< 1	40	12/8/11	Metolachlor	< 0.1	40	12/8/11
Chlordane	< 0.4	2	12/8/11	Metribuzin	< 0.1	NR	12/8/11
Di (2-ethylhexyl) adipate	< 1	400	12/8/11	Oxamyl (Vydate)	< 1	200	12/8/11
Di (2-Ethylhexyl) phthalate	< 1	6	12/8/11	Pentachlorophenol	< 0.1	1	12/8/11
Dibromochloropropane (DBCP)	< 0.02	0.2	12/8/11	Picloram	< 0.5	500	12/8/11
Dicamba	< 0.5	NR	12/8/11	Propachlor	< 0.1	NR	12/8/11
Dieldrin	< 0.1	NR	12/8/11	Propoxur (Baygon)	< 1	NR	12/8/11
Dinoseb	< 1	7	12/8/11	Simazine	< 0.1	4	12/8/11
				Toxaphene	< 2	3	12/8/11

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	<3	15	10/16/18
Radium 226 & 228 (pCi/L)	0.5	5	10/10/13
Uranium (µg/L)	1.2	30	10/8/19

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	1.45	15	2015
Copper (mg/L) 90th percentile sample	0.276	1.3	2015

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	10/8/19
Arsenic (mg/L)	0.0011	0.01	10/8/19
Barium (mg/L)	0.0047	2	10/8/19
Beryllium (mg/L)	<0.001	0.004	10/8/19
Cadmium (mg/L)	<0.001	0.1	10/8/19
Chromium (mg/L)	<0.001	0.1	10/8/19
Fluoride (mg/L)	1.03	4	10/8/19
Mercury (mg/L)	<0.0001	0.002	10/8/19
Nitrate-N (mg/L)	< 0.2	10	10/8/19
Nitrite-N (mg/L)	< 0.2	1	10/8/19
Selenium (mg/L)	<0.001	0.05	10/8/19
Thallium (mg/L)	<0.001	0.002	10/8/19

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	38	250	10/8/19
Fluoride (mg/L)	1.03	2	10/8/19
Iron (mg/L)	0.11	0.3	10/8/19
Manganese (mg/L)	0.0035	0.05	10/8/19
pH (Standard Units)	7.82	6.5 – 8.5	10/8/19
Sulfate (mg/L)	9	250	10/8/19
Zinc (mg/L)	0.0048	5	10/8/19

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	12	80	7/14/16
Haloacetic Acids (µg/L)	3.1	60	7/14/16

Microbiological Contaminants (a)

Results	MCL	Frequency
Total Coliform	Absent	≤ 1/month
E. coli	Absent	Monthly
Chlorine Residual Range (mg/L)	0.2 - 1.0	

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<1.8	NR	10/2/19
Perfluoroheptanoic acid (PFHpA) (ng/L)	<1.8	NR	10/2/19
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<1.8	NR	10/2/19
Perfluorononanoic acid (PFNA) (ng/L)	<1.8	NR	10/2/19
Perfluorooctane sulfonate (PFOS) (ng/L)	<1.8	70*	10/2/19
Perfluorooctanoic acid (PFOA) (ng/L)	3.88		10/2/19

*PFOS + PFOA can not exceed 70 ng/L

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	80	10/8/19
Calcium (mg/L)	25.9	10/8/19
Copper (mg/L)	0.0077	10/8/19
Hardness, Total as CaCO ₃ (mg/L)	92.1	10/8/19
Magnesium (mg/L)	6.67	10/8/19
Nickel (µg/L)	<0.001	10/8/19
Radon Gas (pCi/L)	1,170	4/11/18
Sodium (mg/L)	20.5	10/8/19

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells.

Treatment: Chlorination for disinfection; aeration to remove radon; filtration to reduce iron and manganese levels.

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 – These standards are developed to protect the aesthetic qualities of drinking water and are not health based 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.

ng/L nanograms per Liter or parts per trillion.

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 Matthew Day, Lab Director, at 1-603-913-2377 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.