

WATER QUALITY REPORT

Stone Sled Farm, Bow, NH

EPA # 0262060

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	2/7/19	cis-1, 2-Dichloroethylene	<10	70	2/7/19
1,1,1-Trichloroethane	< 0.5	200	2/7/19	cis-1, 3-Dichloropropylene	< 0.5	NR	2/7/19
1,1,2,2-Tetrachloroethane	< 0.5	NR	2/7/19	Dibromochloromethane	< 0.5	80	2/7/19
1,1,2-Trichloroethane	< 0.5	5	2/7/19	Dibromomethane	< 0.5	NR	2/7/19
1,1-Dichloroethane	< 0.5	NR	2/7/19	Dichlorodifluoromethane	< 0.5	NR	2/7/19
1,1-Dichloroethylene	< 0.5	7	2/7/19	Diethyl ether	< 0.5	NR	2/7/19
1,1-Dichloropropylene	< 0.5	NR	2/7/19	Diisopropyl Ether (DIPE)	< 0.5	NR	2/7/19
1,2,3-Trichlorobenzene	< 0.5	NR	2/7/19	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	2/7/19
1,2,3-Trichloropropane	< 0.5	NR	2/7/19	Ethylbenzene	< 0.5	700	2/7/19
1,2,4-Trichlorobenzene	< 0.5	70	2/7/19	Hexachlorobutadiene	< 0.5	NR	2/7/19
1,2,4-Trimethylbenzene	< 0.5	NR	2/7/19	Isopropylbenzene	< 0.5	NR	2/7/19
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	2/7/19	m/p - Xylenes	<1	NR	2/7/19
1,2-Dibromoethane	< 0.5	NR	2/7/19	Methylene chloride	< 0.5	5	2/7/19
1,2-Dichlorobenzene	< 0.5	600	2/7/19	Methyl-t-butyl-ether (MtBE)	< 0.5	13	2/7/19
1,2-Dichloroethane	< 0.5	5	2/7/19	Napthalene	< 0.5	NR	2/7/19
1,2-Dichloropropane	< 0.5	5	2/7/19	n-Butylbenzene	< 0.5	NR	2/7/19
1,3,5-Trimethylbenzene	< 0.5	NR	2/7/19	n-Propylbenzene	< 0.5	NR	2/7/19
1,3-Dichlorobenzene	< 0.5	NR	2/7/19	o-Xylene	< 0.5	NR	2/7/19
1,3-Dichloropropane	< 0.5	NR	2/7/19	sec Butylbenzene	< 0.5	NR	2/7/19
1,4-Dichlorobenzene	< 0.5	75	2/7/19	Styrene	< 0.5	100	2/7/19
2-Chlorotoluene	<0.5	0.5	2/7/19	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	2/7/19
4-Chlorotoluene	<0.5	0.5	2/7/19	Tert-Butyl Alcohol (TBA)	<10	NR	2/7/19
4-Isopropyltoluene	< 0.5	NR	2/7/19	Tert-Butylbenzene	< 0.5	NR	2/7/19
Benzene	< 0.5	5	2/7/19	Tetrachloroethylene	< 0.5	5	2/7/19
Bromobenzene	< 0.5	NR	2/7/19	Tetrahydrofuran	<10	NR	2/7/19
Bromochloromethane	< 0.5	NR	2/7/19	Toluene	< 0.5	1000	2/7/19
Bromodichloromethane	< 0.5	80	2/7/19	Total Trihalomethanes	<0.5	80	2/7/19
Bromoform	<0.5	80	2/7/19	Total Xylenes	< 0.5	10,000	2/7/19
Bromomethane	< 0.5	NR	2/7/19	Trans-1,2-Dichloroethylene	< 0.5	100	2/7/19
Carbon Disulfide	< 0.5	NR	2/7/19	Trans-1,3-Dichloropropylene	< 0.5	NR	2/7/19
Carbon Tetrachloride	< 0.5	5	2/7/19	Trichloroethylene	< 0.5	5	2/7/19
Chlorobenzene	< 0.5	100	2/7/19	Trichlorofluoromethane	< 0.5	NR	2/7/19
Chloroform	< 0.5	80	2/7/19	Vinyl chloride	< 0.5	2	2/7/19
Chloromethane	< 0.5	NR	2/7/19				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	2/7/19	Heptachlor	< 0.1	0.4	2/7/19
2,4-D	< 1	70	2/7/19	Heptachlor Epoxide	< 0.1	0.2	2/7/19
3-Hydroxycarbofuran	< 1	NR	2/7/19	Hexachlorobenzene	< 0.1	1	2/7/19
Alachlor	< 0.1	2	2/7/19	Hexachlorocyclopentadiene	< 0.1	50	2/7/19
Aldicarb	< 1	NR	2/7/19	Lindane	< 0.1	0.2	2/7/19
Aldicarb Sulfone	< 1	NR	2/7/19	Methiocarb	< 1	7	2/7/19
Aldicarb Sulfoxide	< 1	NR	2/7/19	Methomyl	< 1	NR	2/7/19
Aldrin	< 0.1	NR	2/7/19	Methoxychlor	< 0.1	40	2/7/19
Atrazine	< 0.1	3	2/7/19	Metolachlor	< 0.1	40	2/7/19
Benzo(a)pyrene	< 0.1	0.2	2/7/19	Metribuzin	< 0.1	NR	2/7/19
Butachlor	< 0.1	NR	2/7/19	Oxamyl (Vydate)	< 1	200	2/7/19
Carbaryl	< 1	NR	2/7/19	PCB Aroclor 1016	<2	NR	2/7/19
Carbofuran	< 1	40	2/7/19	PCB Aroclor 1221	<2	NR	2/7/19
Chlordane	< 0.4	2	2/7/19	PCB Aroclor 1232	<2	NR	2/7/19
Dalapon	< 1	200	2/7/19	PCB Aroclor 1242	<2	NR	2/7/19
Di (2-ethylhexyl) adipate	< 1	400	2/7/19	PCB Aroclor 1248	<2	NR	2/7/19
Di (2-Ethylhexyl) phthalate	< 1	6	2/7/19	PCB Aroclor 1254	<2	NR	2/7/19
Dicamba	< 0.5	NR	2/7/19	PCB Aroclor 1260	<2	NR	2/7/19
Dieldrin	< 0.1	NR	2/7/19	Pentachlorophenol	< 0.1	1	2/7/19
Dinoseb	< 1	7	2/7/19	Picloram	<2	500	2/7/19
Diquat		20		Propachlor	< 0.1	NR	2/7/19
Endrin	< 0.1	2	2/7/19	Propoxur (Baygon)	< 1	NR	2/7/19
Ethylene dibromide (EDB)	< 0.02	0.05	2/7/19	Simazine	< 0.1	4	2/7/19
Glyphosate	< 10	700	2/7/19	Toxaphene	< 2	3	2/7/19

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	< 3	15	1/19/16
Radium 226 & 228 (pCi/L)	< 1	5	1/9/20
Uranium (µg/L)	< 1	30	1/19/16

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 1	15	2017
Copper (mg/L) 90th percentile sample	0.081	1.3	2017

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	< 0.001	0.006	1/9/20
Arsenic (mg/L)	0.0044	0.01	4/27/20
Barium (mg/L)	0.0019	2	1/9/20
Beryllium (mg/L)	< 0.001	0.004	1/9/20
Cadmium (mg/L)	< 0.001	0.005	1/9/20
Chromium (mg/L)	<0.001	0.1	1/9/20
Fluoride (mg/L)	< 0.2	4	1/9/20
Mercury (mg/L)	< 0.0001	0.002	1/9/20
Nitrate-N (mg/L)	< 0.2	10	1/9/20
Nitrite-N (mg/L)	< 0.2	1	1/9/20
Selenium (mg/L)	< 0.001	0.05	1/9/20
Thallium (mg/L)	< 0.001	0.002	1/9/20

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	69	250	1/9/20
Fluoride (mg/L)	< 0.2	2	1/9/20
Iron (mg/L)	<0.01	0.3	1/9/20
Manganese (mg/L)	0.0512	0.05	1/9/20
pH (Standard Units)	7.98	6.5 – 8.5	1/9/20
Sulfate (mg/L)	26	250	1/9/20
Zinc (mg/L)	0.0059	5	1/9/20

Microbiological Contaminants (a)

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

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	<0.5	80	7/10/19
Haloacetic Acids (µg/L)	< 1	60	7/10/19

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	93	1/9/20
Calcium (mg/L)	23.3	1/9/20
Copper (mg/L)	0.0044	1/9/20
Hardness, Total as CaCO ₃ (mg/L)	84.5	1/9/20
Magnesium (mg/L)	6.4	1/9/20
Nickel (µg/L)	<0.001	1/9/20
Radon Gas (pCi/L)	2,642	7/10/19
Sodium (mg/L)	59.5	1/9/20

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	3/4/20
Perfluoroheptanoic acid (PFHpA) (ng/L)	<2.00	NR	3/4/20
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	NR	3/4/20
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	NR	3/4/20
Perfluorooctane sulfonate (PFOS) (ng/L)	<2.00	70*	3/4/20
Perfluorooctanoic acid (PFOA) (ng/L)	<2.00		3/4/20

*PFOS + PFOA can not exceed 70 ng/L

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells.

Treatment: Arsenic removal, aeration for radon removal, chlorine, and 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 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 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.