

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	1/6/22	cis-1, 2-Dichloroethylene	<10	70	1/6/22
1,1,1-Trichloroethane	< 0.5	200	1/6/22	cis-1, 3-Dichloropropylene	< 0.5	NR	1/6/22
1,1,2,2-Tetrachloroethane	< 0.5	NR	1/6/22	Dibromochloromethane	< 0.5	80	1/6/22
1,1,2-Trichloroethane	< 0.5	5	1/6/22	Dibromomethane	< 0.5	NR	1/6/22
1,1-Dichloroethane	< 0.5	NR	1/6/22	Dichlorodifluoromethane	< 0.5	NR	1/6/22
1,1-Dichloroethylene	< 0.5	7	1/6/22	Diethyl ether	< 0.5	NR	1/6/22
1,1-Dichloropropylene	< 0.5	NR	1/6/22	Diisopropyl Ether (DIPE)	< 0.5	NR	1/6/22
1,2,3-Trichlorobenzene	< 0.5	NR	1/6/22	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	1/6/22
1,2,3-Trichloropropane	< 0.5	NR	1/6/22	Ethylbenzene	< 0.5	700	1/6/22
1,2,4-Trichlorobenzene	< 0.5	70	1/6/22	Hexachlorobutadiene	< 0.5	NR	1/6/22
1,2,4-Trimethylbenzene	< 0.5	NR	1/6/22	Isopropylbenzene	< 0.5	NR	1/6/22
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	1/6/22	m/p - Xylenes	<1	NR	1/6/22
1,2-Dibromoethane	< 0.5	NR	1/6/22	Methylene chloride	< 0.5	5	1/6/22
1,2-Dichlorobenzene	< 0.5	600	1/6/22	Methyl-t-butyl-ether (MtBE)	< 0.5	13	1/6/22
1,2-Dichloroethane	< 0.5	5	1/6/22	Napthalene	< 0.5	NR	1/6/22
1,2-Dichloropropane	< 0.5	5	1/6/22	n-Butylbenzene	< 0.5	NR	1/6/22
1,3,5-Trimethylbenzene	< 0.5	NR	1/6/22	n-Propylbenzene	< 0.5	NR	1/6/22
1,3-Dichlorobenzene	< 0.5	NR	1/6/22	o-Xylene	< 0.5	NR	1/6/22
1,3-Dichloropropane	< 0.5	NR	1/6/22	sec Butylbenzene	< 0.5	NR	1/6/22
1,4-Dichlorobenzene	< 0.5	75	1/6/22	Styrene	< 0.5	100	1/6/22
2-Chlorotoluene	<0.5	0.5	1/6/22	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	1/6/22
4-Chlorotoluene	<0.5	0.5	1/6/22	Tert-Butyl Alcohol (TBA)	<10	NR	1/6/22
4-Isopropyltoluene	< 0.5	NR	1/6/22	Tert-Butylbenzene	< 0.5	NR	1/6/22
Benzene	< 0.5	5	1/6/22	Tetrachloroethylene	< 0.5	5	1/6/22
Bromobenzene	< 0.5	NR	1/6/22	Tetrahydrofuran	<10	NR	1/6/22
Bromochloromethane	< 0.5	NR	1/6/22	Toluene	< 0.5	1000	1/6/22
Bromodichloromethane	< 0.5	80	1/6/22	Total Trihalomethanes	<0.5	80	1/6/22
Bromoform	<0.5	80	1/6/22	Total Xylenes	< 0.5	10,000	1/6/22
Bromomethane	< 0.5	NR	1/6/22	Trans-1,2-Dichloroethylene	< 0.5	100	1/6/22
Carbon Disulfide	< 0.5	NR	1/6/22	Trans-1,3-Dichloropropylene	< 0.5	NR	1/6/22
Carbon Tetrachloride	< 0.5	5	1/6/22	Trichloroethylene	< 0.5	5	1/6/22
Chlorobenzene	< 0.5	100	1/6/22	Trichlorofluoromethane	< 0.5	NR	1/6/22
Chloroform	< 0.5	80	1/6/22	Vinyl chloride	< 0.5	2	1/6/22
Chloromethane	< 0.5	NR	1/6/22				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	5/12/22	Heptachlor	< 0.1	0.4	5/12/22
2,4-D	< 1	70	5/12/22	Heptachlor Epoxide	< 0.1	0.2	5/12/22
3-Hydroxycarbofuran	< 1	NR	5/12/22	Hexachlorobenzene	< 0.1	1	5/12/22
Alachlor	< 0.1	2	5/12/22	Hexachlorocyclopentadiene	< 0.1	50	5/12/22
Aldicarb	< 1	NR	5/12/22	Lindane	< 0.1	0.2	5/12/22
Aldicarb Sulfone	< 1	NR	5/12/22	Methiocarb	< 1	7	5/12/22
Aldicarb Sulfoxide	< 1	NR	5/12/22	Methomyl	< 1	NR	5/12/22
Aldrin	< 0.1	NR	5/12/22	Methoxychlor	< 0.1	40	5/12/22
Atrazine	< 0.1	3	5/12/22	Metolachlor	< 0.1	40	5/12/22
Benzo(a)pyrene	< 0.1	0.2	5/12/22	Metribuzin	< 0.1	NR	5/12/22
Butachlor	< 0.1	NR	5/12/22	Oxamyl (Vydate)	< 1	200	5/12/22
Carbaryl	< 1	NR	5/12/22	PCB Aroclor 1016	<2	NR	5/12/22
Carbofuran	< 1	40	5/12/22	PCB Aroclor 1221	<2	NR	5/12/22
Chlordane	< 0.4	2	5/12/22	PCB Aroclor 1232	<2	NR	5/12/22
Dalapon	< 1	200	5/12/22	PCB Aroclor 1242	<2	NR	5/12/22
Di (2-ethylhexyl) adipate	< 1	400	5/12/22	PCB Aroclor 1248	<2	NR	5/12/22
Di (2-Ethylhexyl) phthalate	< 1	6	5/12/22	PCB Aroclor 1254	<2	NR	5/12/22
Dicamba	< 0.5	NR	5/12/22	PCB Aroclor 1260	<2	NR	5/12/22
Dieldrin	< 0.1	NR	5/12/22	Pentachlorophenol	< 0.1	1	5/12/22
Dinoseb	< 1	7	5/12/22	Picloram	<2	500	5/12/22
Diquat	<1	20	5/12/22	Propachlor	< 0.1	NR	5/12/22
Endrin	< 0.1	2	5/12/22	Propoxur (Baygon)	< 1	NR	5/12/22
Ethylene dibromide (EDB)	< 0.02	0.05	5/12/22	Simazine	< 0.1	4	5/12/22
Glyphosate	< 10	700	6/16/22	Toxaphene	< 2	3	5/12/22

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RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	<3	15	1/11/23
Combined Radium (pCi/L)	<1	5	1/9/20
Uranium (µg/L)	<1	30	1/11/23

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0	15	1/8/2023
Copper (mg/L) 90th percentile sample	0.052	1.3	1/8/2023

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	< 0.001	0.006	1/11/23
Arsenic (mg/L)	<0.001	0.01	5/23/24
Barium (mg/L)	0.0016	2	1/11/23
Beryllium (mg/L)	< 0.001	0.004	1/11/23
Cadmium (mg/L)	< 0.001	0.005	1/11/23
Chromium (mg/L)	<0.001	0.1	1/11/23
Fluoride (mg/L)	0.26	4	1/11/23
Mercury (mg/L)	< 0.0001	0.002	1/11/23
Nitrate-N (mg/L)	< 0.2	10	1/11/23
Nitrite-N (mg/L)	< 0.2	1	1/11/23
Selenium (mg/L)	< 0.001	0.05	1/11/23
Thallium (mg/L)	< 0.001	0.002	1/11/23
Cyanide (mg/L)	<0.02	0.2	1/11/23

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	45	250	1/4/24
Fluoride (mg/L)	0.26	2	1/4/24
Iron (mg/L)	<0.01	0.3	1/4/24
Manganese (mg/L)	0.0012	0.05	1/4/24
pH (Standard Units)	7.89	6.5 – 8.5	1/4/24
Sulfate (mg/L)	21	250	1/4/24
Zinc (mg/L)	0.0052	5	1/4/24

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	<0.5	80	7/20/22
Haloacetic Acids (µg/L)	< 1	60	7/20/22

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Hexafluoropropylene oxide dimer acid (HFPO-DA) (ng/L)	<2.00	NR	5/17/23
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	5/17/23
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	18	5/17/23
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	11	5/17/23
Perfluorooctanesulfonic acid (PFOS) (ng/L)	<2.00	15	5/17/23
Perfluorooctanoic acid (PFOA) (ng/L)	<2.00	12	5/17/23

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	98	1/4/24
Calcium (mg/L)	21.7	1/4/24
Copper (mg/L)	0.0028	1/4/24
Hardness, Total as CaCO ₃ (mg/L)	76	1/4/24
Magnesium (mg/L)	5.3	1/4/24
Nickel (µg/L)	<0.001	1/4/24
Radon Gas (pCi/L)	1,674	1/4/24
Sodium (mg/L)	50.6	1/4/24

Microbiological Contaminants (a)

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

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. Visit the Stone Sled Farm at <https://www4.des.state.nh.us/DESOneStop/PWSDetail.aspx?ID=0262060>.

Additional information about contaminants and their potential health effects can be obtained by calling the Environmental Protection Agency at 1-800-455-6246.