

WATER QUALITY REPORT

Sweet Hill, Plaistow, NH

EPA # 1932200

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	10/15/18	Chloroform	5.2	80	10/15/18
1,1,1-Trichloroethane	< 0.5	200	10/15/18	Chloromethane	< 0.5	NR	10/15/18
1,1,2,2-Tetrachloroethane	< 0.5	NR	10/15/18	cis-1, 2-Dichloroethylene	< 0.5	70	10/15/18
1,1,2-Trichloroethane	< 0.5	5	10/15/18	cis-1, 3-Dichloropropylene	< 0.5	NR	10/15/18
1,1-Dichloroethane	< 0.5	NR	10/15/18	Dibromochloromethane	2.8	NR	10/15/18
1,1-Dichloroethylene	< 0.5	7	10/15/18	Dibromomethane	< 0.5	NR	10/15/18
1,1-Dichloropropylene	< 0.5	NR	10/15/18	Dichlorodifluoromethane	< 0.5	NR	10/15/18
1,2,3-Trichlorobenzene	< 0.5	NR	10/15/18	Diethyl ether	< 0.5	NR	10/15/18
1,2,3-Trichloropropane	< 0.5	NR	10/15/18	Diisopropyl Ether (DIPE)	< 0.5	NR	10/15/18
1,2,4-Trichlorobenzene	< 0.5	70	10/15/18	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	10/15/18
1,2,4-Trimethylbenzene	< 0.5	NR	10/15/18	Ethylbenzene	< 0.5	700	10/15/18
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	10/15/18	Hexachlorobutadiene	< 0.5	NR	10/15/18
1,2-Dibromoethane	< 0.5	NR	10/15/18	Isopropylbenzene	< 0.5	NR	10/15/18
1,2-Dichlorobenzene	< 0.5	600	10/15/18	m/p - Xylenes	<1	NR	10/15/18
1,2-Dichloroethane	< 0.5	5	10/15/18	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	7/28/15
1,2-Dichloropropane	< 0.5	5	10/15/18	Methylene chloride	< 0.5	5	10/15/18
1,3,5-Trimethylbenzene	< 0.5	NR	10/15/18	Methyl-t-butyl-ether (MtBE)	< 0.5	13	10/15/18
1,3-Dichlorobenzene	< 0.5	NR	10/15/18	Napthalene	< 0.5	NR	10/15/18
1,3-Dichloropropane	< 0.5	NR	10/15/18	n-Butylbenzene	< 0.5	NR	10/15/18
1,4-Dichlorobenzene	< 0.5	75	10/15/18	Nitrobenzene	<10	NR	7/28/15
2,2-Dichloropropane	< 0.5	NR	7/28/15	n-Propylbenzene	< 0.5	NR	7/28/15
2-Butanone (MEK)	<10	NR	7/28/15	o-Xylene	< 0.5	NR	10/15/18
2-Chlorotoluene	<0.5	0.5	10/15/18	sec Butylbenzene	< 0.5	NR	10/15/18
2-Hexanone	<10	NR	7/28/15	Styrene	< 0.5	100	10/15/18
4 Methyl-2-Pentanone (MIBK)	<10	NR	7/28/15	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	10/15/18
4-Chlorotoluene	<0.5	0.5	10/15/18	Tert-Butyl Alcohol (TBA)	<10	NR	10/15/18
4-Isopropyltoluene	< 0.5	NR	10/15/18	Tert-Butylbenzene	< 0.5	NR	10/15/18
Acetone	<10	NR	7/28/15	Tetrachloroethylene	< 0.5	5	10/15/18
Benzene	< 0.5	5	10/15/18	Tetrachloromethane	< 0.5	NR	7/28/15
Bromobenzene	< 0.5	NR	10/15/18	Tetrahydrofuran	<10	NR	10/15/18
Bromochloromethane	< 0.5	NR	10/15/18	Toluene	< 0.5	1000	10/15/18
Bromodichloromethane	4.5	80	10/15/18	Total Trihalomethanes	12	80	10/15/18
Bromoform	<0.5	80	10/15/18	Total Xylenes	< 0.5	10,000	10/15/18
Bromomethane	< 0.5	NR	10/15/18	Trans-1, 2-Dichloroethylene	< 0.5	100	10/15/18
Carbon Disulfide	< 0.5	NR	10/15/18	Trans-1, 3-Dichloropropylene	< 0.5	NR	10/15/18
Carbon Tetrachloride	< 0.5	5	10/15/18	Trichloroethylene	< 0.5	5	10/15/18
Chlorobenzene	< 0.5	100	10/15/18	Trichlorofluoromethane	< 0.5	NR	10/15/18
Chloroethane	<0.5	NR	7/28/15	Vinyl chloride	< 0.5	2	10/15/18

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	7/28/15	Diquat		20	
2,4-D	< 1	70	7/28/15	Endrin	< 0.1	2	7/28/15
3-Hydroxycarbofuran	< 1	NR	7/28/15	Ethylene dibromide (EDB)	< 0.02	0.05	7/28/15
Alachlor	< 0.1	2	7/28/15	Glyphosate	< 10	700	7/28/15
Aldicarb	< 1	NR	7/28/15	Heptachlor	< 0.1	0.4	7/28/15
Aldicarb Sulfone	< 1	NR	7/28/15	Heptachlor Epoxide	< 0.1	0.2	7/28/15
Aldicarb Sulfoxide	< 1	NR	7/28/15	Hexachlorobenzene	< 0.1	1	7/28/15
Aldrin	< 0.1	NR	7/28/15	Hexachlorocyclopentadiene	< 0.1	50	7/28/15
Atrazine	< 0.1	3	7/28/15	Lindane	< 0.1	0.2	7/28/15
Benzo(a)pyrene	< 0.1	0.2	7/28/15	Methiocarb	< 1	7	7/28/15
Butachlor	< 0.1	NR	7/28/15	Methomyl	< 1	NR	7/28/15
Carbaryl	< 1	NR	7/28/15	Methoxychlor	< 0.1	40	7/28/15
Carbofuran	< 1	40	7/28/15	Metolachlor	< 0.1	40	7/28/15
Chlordane	< 0.4	2	7/28/15	Metribuzin	< 0.1	NR	7/28/15
Di (2-ethylhexyl) adipate	< 1	400	7/28/15	Oxamyl (Vydate)	< 1	200	7/28/15
Di (2-Ethylhexyl) phthalate	< 1	6	7/28/15	Pentachlorophenol	< 0.1	1	7/28/15
Dibromochloropropane (DBCP)	< 0.02	0.2	7/28/15	Picloram	< 0.5	500	7/28/15
Dicamba	< 0.5	NR	7/28/15	Propachlor	< 0.1	NR	7/28/15
Dieldrin	< 0.1	NR	7/28/15	Propoxur (Baygon)	< 1	NR	7/28/15
Dinoseb	< 1	7	7/28/15	Simazine	< 0.1	4	7/28/15
				Toxaphene	< 2	3	7/28/15

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	5.6±1.0	15	9/5/18
Radium 226 & 228 (pCi/L)	<1	5	9/5/18
Uranium (µg/L)	< 1	30	9/5/18

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0	15	2019
Copper (mg/L) 90th percentile sample	0.840	1.3	2019

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	9/5/18
Arsenic (mg/L)	0.0011	0.01	9/5/18
Barium (mg/L)	0.0395	2	9/5/18
Beryllium (mg/L)	<0.001	0.004	9/5/18
Cadmium (mg/L)	<0.001	0.005	9/5/18
Chromium (mg/L)	<0.001	0.1	9/5/18
Fluoride (mg/L)	0.31	4	9/5/18
Mercury (mg/L)	<0.001	0.002	9/5/18
Nitrate-N (mg/L)	< 0.2	10	2/25/20
Nitrite-N (mg/L)	< 0.2	1	9/5/18
Selenium (mg/L)	0.0013	0.05	9/5/18
Thallium (mg/L)	<0.001	0.002	9/5/18

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	12	250	9/5/18
Fluoride (mg/L)	0.31	2	9/5/18
Iron (mg/L)	<0.02	0.3	12/17/18
Manganese (mg/L)	0.03	0.05	12/17/18
pH (Standard Units)	6.61	6.5 – 8.5	3/2/20
Sulfate (mg/L)	21	250	9/5/18
Zinc (mg/L)	0.0108	5	9/5/18

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)	15	80	7/13/16
Haloacetic Acids (µg/L)	2.8	60	7/13/16

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	69.2	3/2/20
Calcium (mg/L)	24.4	9/5/18
Copper (mg/L)	0.0064	9/5/18
Hardness, Total as CaCO ₃ (mg/L)	99.6	9/5/18
Magnesium (mg/L)	9.38	9/5/18
Nickel (µg/L)	<0.001	9/5/18
Radon Gas (pCi/L)	992	10/3/17
Sodium (mg/L)	35.1	9/5/18

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	2/12/20
Perfluoroheptanoic acid (PFHpA) (ng/L)	<2.00	NR	2/12/20
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	NR	2/12/20
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	NR	2/12/20
Perfluorooctane sulfonate (PFOS) (ng/L)	<2.00	70*	2/12/20
Perfluorooctanoic acid (PFOA) (ng/L)	<2.00		2/12/20

*PFOS + PFOA can not exceed 70 ng/L

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells

Treatment: Chlorination to kill bacteria

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. Additional information can be found on the State's website: <http://www2.des.state.nh.us/DESonestop/PWSDetail.aspx?ID=1932200>