

WATER QUALITY REPORT
BEAVER HOLLOW, SANDOWN, NH
EPA # 2082010

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

| Analyte | Results | MCL | Date | Analyte | Results | MCL | Date |
|-----------------------------|---------|-----|---------|-------------------------------|---------|-----|---------|
| 1,1,1,2-Tetrachloroethane | < 0.5 | NR | 2/27/20 | Chloromethane | < 0.5 | NR | 2/27/20 |
| 1,1,1-Trichloroethane | < 0.5 | NR | 2/27/20 | cis-1,2-Dichloroethylene | < 0.5 | NR | 2/27/20 |
| 1,1,2,2-Tetrachloroethane | < 0.5 | NR | 2/27/20 | cis-1,3-Dichloropropylene | < 0.5 | NR | 2/27/20 |
| 1,1,2-Trichloroethane | < 0.5 | NR | 2/27/20 | Dibromochloromethane | 4 | NR | 2/27/20 |
| 1,1-Dichloroethane | < 0.5 | NR | 2/27/20 | Dibromomethane | < 0.5 | NR | 2/27/20 |
| 1,1-Dichloroethylene | < 0.5 | NR | 2/27/20 | Dichlorodifluoromethane | < 0.5 | NR | 2/27/20 |
| 1,1-Dichloropropylene | < 0.5 | NR | 2/27/20 | Diethyl ether | < 0.5 | NR | 2/27/20 |
| 1,2,3-Trichlorobenzene | < 0.5 | NR | 2/27/20 | Diisopropyl Ether (DIPE) | < 0.5 | NR | 2/27/20 |
| 1,2,3-Trichloropropane | < 0.5 | NR | 2/27/20 | Ethyl Tert-Butyl Ether (ETBE) | < 0.5 | NR | 2/27/20 |
| 1,2,4-Trichlorobenzene | < 0.5 | NR | 2/27/20 | Ethylbenzene | < 0.5 | NR | 2/27/20 |
| 1,2,4-Trimethylbenzene | < 0.5 | NR | 2/27/20 | Hexachlorobutadiene | < 0.5 | NR | 2/27/20 |
| 1,2-Dibromo-3-chloropropane | < 0.5 | NR | 2/27/20 | Isopropylbenzene | < 0.5 | NR | 2/27/20 |
| 1,2-Dibromoethane | < 0.5 | NR | 2/27/20 | m&p-Xylenes | <1 | NR | 2/27/20 |
| 1,2-Dichlorobenzene | < 0.5 | NR | 2/27/20 | Methylene chloride | < 0.5 | NR | 2/27/20 |
| 1,2-Dichloroethane | < 0.5 | NR | 2/27/20 | Methyl-t-butyl-ether (MtBE) | < 0.5 | NR | 2/27/20 |
| 1,2-Dichloropropane | < 0.5 | NR | 2/27/20 | Napthalene | < 0.5 | NR | 2/27/20 |
| 1,3,5-Trimethylbenzene | < 0.5 | NR | 2/27/20 | n-Butylbenzene | < 0.5 | NR | 2/27/20 |
| 1,3-Dichlorobenzene | < 0.5 | NR | 2/27/20 | n-Propylbenzene | < 0.5 | NR | 2/27/20 |
| 1,3-Dichloropropane | < 0.5 | NR | 2/27/20 | o-Xylene | < 0.5 | NR | 2/27/20 |
| 1,4-Dichlorobenzene | < 0.5 | NR | 2/27/20 | sec Butylbenzene | < 0.5 | NR | 2/27/20 |
| 2-Chlorotoluene | <0.5 | NR | 2/27/20 | Styrene | < 0.5 | NR | 2/27/20 |
| 4-Chlorotoluene | <0.5 | NR | 2/27/20 | Tert-Amyl Methyl Ether (TAME) | < 0.5 | NR | 2/27/20 |
| 4-Isopropyltoluene | < 0.5 | NR | 2/27/20 | Tert-Butyl Alcohol (TBA) | <10 | NR | 2/27/20 |
| Benzene | < 0.5 | NR | 2/27/20 | Tert-Butylbenzene | < 0.5 | NR | 2/27/20 |
| Bromobenzene | < 0.5 | NR | 2/27/20 | Tetrachloroethylene | < 0.5 | NR | 2/27/20 |
| Bromochloromethane | < 0.5 | NR | 2/27/20 | Tetrahydrofuran | <10 | NR | 2/27/20 |
| Bromodichloromethane | 1.8 | NR | 2/27/20 | Toluene | < 0.5 | NR | 2/27/20 |
| Bromoform | 3.8 | NR | 2/27/20 | Total Trihalomethanes | 11 | NR | 2/27/20 |
| Bromomethane | < 0.5 | NR | 2/27/20 | Total Xylenes | < 0.5 | NR | 2/27/20 |
| Carbon Disulfide | < 0.5 | NR | 2/27/20 | Trans-1,2-Dichloroethylene | < 0.5 | NR | 2/27/20 |
| Carbon Tetrachloride | < 0.5 | NR | 2/27/20 | Trans-1,3-Dichloropropylene | < 0.5 | NR | 2/27/20 |
| Chlorobenzene | < 0.5 | NR | 2/27/20 | Trichloroethylene | < 0.5 | NR | 2/27/20 |
| Chloroform | 1.2 | NR | 2/27/20 | Trichlorofluoromethane | < 0.5 | NR | 2/27/20 |
| | | | | Vinyl chloride | < 0.5 | NR | 2/27/20 |
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SYNTHETIC ORGANIC CONTAMINANTS (b) (Units µg/L)

| Analyte | Results | MCL | Date | Analyte | Results | MCL | Date |
|-----------------------------|---------|-----|---------|---------------------------|---------|------|---------|
| 1,2-Dibromo-3-chloropropane | <0.02 | 0.2 | 1/30/14 | Ethylene dibromide (EDB) | < 0.02 | 0.05 | 2/27/20 |
| 2,4,5-TP (Silvex) | < 0.25 | 50 | 2/27/20 | Glyphosate | < 10 | 700 | 2/27/20 |
| 2,4-D | < 1 | 70 | 2/27/20 | Heptachlor | < 0.1 | 0.4 | 2/27/20 |
| 3-Hydroxycarbofuran | < 1 | NR | 3/10/20 | Heptachlor Epoxide | < 0.1 | 0.2 | 2/27/20 |
| Alachlor | < 0.1 | 2 | 2/27/20 | Hexachlorobenzene | < 0.1 | 1 | 2/27/20 |
| Aldicarb | < 1 | 3 | 3/10/20 | Hexachlorocyclopentadiene | < 0.1 | 50 | 2/27/20 |
| Aldicarb Sulfone | < 1 | 2 | 3/10/20 | Lindane | < 0.1 | 0.2 | 2/27/20 |
| Aldicarb Sulfoxide | < 1 | 4 | 3/10/20 | Methiocarb | < 1 | NR | 3/10/20 |
| Aldrin | < 0.1 | NR | 2/27/20 | Methomyl | < 1 | NR | 3/10/20 |
| Atrazine | < 0.1 | 3 | 2/27/20 | Methoxychlor | < 0.1 | 40 | 2/27/20 |
| Benzo(a)pyrene | < 0.1 | 0.2 | 2/27/20 | Metolachlor | < 0.1 | NR | 2/27/20 |
| Butachlor | < 0.1 | NR | 2/27/20 | Metribuzin | < 0.1 | NR | 2/27/20 |
| Carbaryl | < 1 | NR | 3/10/20 | Oxamyl (Vydate) | < 1 | 200 | 3/10/20 |
| Carbofuran | < 1 | 40 | 3/10/20 | PCB Aroclor 1016 | <0.2 | NR | 2/27/20 |
| Chlordane | < 0.4 | 2 | 2/27/20 | PCB Aroclor 1221 | <0.2 | NR | 2/27/20 |
| Dalapon | | 200 | | PCB Aroclor 1232 | <0.2 | NR | 2/27/20 |
| Di (2-ethylhexyl) adipate | < 1 | 400 | 1/30/14 | PCB Aroclor 1242 | <0.2 | NR | 2/27/20 |
| Di (2-Ethylhexyl) phthalate | < 1 | 6 | 2/27/20 | PCB Aroclor 1248 | <0.2 | NR | 2/27/20 |
| Dibromochloropropane (DBCP) | < 0.02 | 0.2 | 1/30/14 | PCB Aroclor 1254 | <0.2 | NR | 2/27/20 |
| Dicamba | < 0.5 | NR | 2/27/20 | PCB Aroclor 1260 | <0.2 | NR | 2/27/20 |
| Dieldrin | < 0.1 | NR | 2/27/20 | Pentachlorophenol | < 0.1 | 1 | 2/27/20 |
| Dinoseb | < 1 | 7 | 2/27/20 | Picloram | < 0.5 | 500 | 2/27/20 |
| Diquat | <1 | NR | 2/27/20 | Propachlor | < 0.1 | NR | 2/27/20 |
| Endrin | < 0.1 | 2 | 2/27/20 | Propoxur (Baygon) | < 1 | NR | 3/10/20 |
| | | | | Simazine | < 0.1 | 4 | 2/27/20 |
| | | | | Toxaphene | < 2 | 3 | 2/27/20 |
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RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units) Results MCL Date

FIRST DRAW LEAD AND COPPER (a)

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| | | | |
|--------------------------------|-----|----|---------|
| Compliance Gross Alpha (pCi/L) | < 3 | 15 | 1/21/16 |
| Radium 226 & 228 (pCi/L) | < 1 | 5 | 1/21/16 |
| Uranium (µg/L) | < 1 | 30 | 1/21/16 |

| Analyte | Results | AL | 7/10/05 |
|--------------------------------------|---------|-----|---------|
| Lead (µg/L) 90th percentile sample | < 1 | 15 | 2018 |
| Copper (mg/L) 90th percentile sample | 0.047 | 1.3 | 2018 |

INORGANIC CONTAMINANTS (b)

Analyte Results MCL Date

SECONDARY CONTAMINANTS (b) - AESTHETIC

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EPA # 2082010**

| Analyte | Results | MCL | Date |
|------------------|---------|-------|---------|
| Antimony (mg/L) | <0.001 | 0.006 | 2/27/20 |
| Arsenic (mg/L) | <0.001 | 0.01 | 2/27/20 |
| Barium (mg/L) | 0.119 | 2 | 2/27/20 |
| Beryllium (mg/L) | <0.001 | 0.004 | 2/27/20 |
| Cadmium (mg/L) | <0.001 | 0.005 | 2/27/20 |
| Chromium (mg/L) | <0.001 | 0.1 | 2/27/20 |
| Fluoride (mg/L) | 1.41 | 4 | 2/27/20 |
| Mercury (mg/L) | <0.0001 | 0.002 | 2/27/20 |
| Nitrate-N (mg/L) | < 0.2 | 10 | 2/27/20 |
| Nitrite-N (mg/L) | < 0.2 | 1 | 2/27/20 |
| Selenium (mg/L) | <0.001 | 0.05 | 2/27/20 |
| Thallium (mg/L) | <0.001 | 0.002 | 2/27/20 |

| Analyte | Results | SMCL | Date |
|---------------------|---------|-----------|---------|
| Chloride (mg/L) | 96 | 250 | 2/27/20 |
| Fluoride (mg/L) | 1.41 | 4 | 2/27/20 |
| Iron (mg/L) | 0.036 | 0.3 | 2/27/20 |
| Manganese (mg/L) | 0.0093 | 0.05 | 2/27/20 |
| pH (Standard Units) | 8.17 | 6.5 – 8.5 | 2/27/20 |
| Sulfate (mg/L) | 20 | 250 | 2/27/20 |
| Zinc (mg/L) | 0.0053 | 5 | 2/27/20 |

| Microbiological Contaminants (a) | Results | MCL | Frequency |
|----------------------------------|-----------|--------|-----------|
| E. coli | Absent | Absent | Monthly |
| Chlorine Residual Range (mg/L) | 0.2 - 1.0 | | |

DISINFECTION BY-PRODUCTS (a)

| Analyte | Results | MCL | Date |
|------------------------------|---------|-----|---------|
| Total Trihalomethanes (µg/L) | 12 | 80 | 8/17/16 |
| Haloacetic Acids (µg/L) | <1 | 60 | 8/17/16 |

Perfluorinated Chemicals (PFCs)

| Analyte (Units) | Results | MCL | Date |
|---|---------|-----|---------|
| Perfluorobutanesulfonic acid (PFBS) (ng/L) | 2.63 | NR | 10/7/19 |
| Perfluoroheptanoic acid (PFHpA) (ng/L) | 2.02 | NR | 10/7/19 |
| Perfluorohexanesulfonic acid (PFHxS) (ng/L) | <1.89 | NR | 10/7/19 |
| Perfluorononanoic acid (PFNA) (ng/L) | <1.89 | NR | 10/7/19 |
| Perfluorooctane sulfonate (PFOS) (ng/L) | <1.89 | 70* | 10/7/19 |
| Perfluorooctanoic acid (PFOA) (ng/L) | 4.89 | | 10/7/19 |

*PFOS + PFOA can not exceed 70 ng/L

UNREGULATED CONTAMINANTS (b)

| Analyte (Units) | Results | Date |
|---|---------|---------|
| Alkalinity as CaCO ₃ (mg/L) | 88 | 2/27/20 |
| Calcium (mg/L) | 35.6 | 2/27/20 |
| Copper (mg/L) | 0.004 | 2/27/20 |
| Hardness, Total as CaCO ₃ (mg/L) | 119 | 2/27/20 |
| Magnesium (mg/L) | 7.3 | 2/27/20 |
| Nickel (µg/L) | <0.001 | 2/27/20 |
| Radon Gas (pCi/L) | 540 | 4/9/19 |
| Sodium (mg/L) | 52.1 | 2/27/20 |

SOURCE WATER AND TREATMENT INFORMATION

Water Source: One bedrock well.

Treatment: Chlorination for disinfection; 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.