

**WATER QUALITY REPORT  
PEU/DANIELS LAKE, WEARE, NH**

**EPA # 2452010**

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	4/9/20	Chloroform	10	NR	4/9/20
1,1,1-Trichloroethane	< 0.5	NR	4/9/20	Chloromethane	< 0.5	NR	4/9/20
1,1,2,2-Tetrachloroethane	< 0.5	NR	4/9/20	cis-1, 2-Dichloroethylene	< 0.5	NR	4/9/20
1,1,2-Trichloroethane	< 0.5	NR	4/9/20	cis-1, 3-Dichloropropylene	< 0.5	NR	4/9/20
1,1-Dichloroethane	< 0.5	NR	4/9/20	Dibromochloromethane	1.7	NR	4/9/20
1,1-Dichloroethylene	< 0.5	NR	4/9/20	Dibromomethane	< 0.5	NR	4/9/20
1,1-Dichloropropylene	< 0.5	NR	4/9/20	Dichlorodifluoromethane	< 0.5	NR	4/9/20
1,2,3-Trichlorobenzene	< 0.5	NR	4/9/20	Diethyl ether	< 0.5	NR	4/9/20
1,2,3-Trichloropropane	< 0.5	NR	4/9/20	Diisopropyl Ether (DIPE)	< 0.5	NR	4/9/20
1,2,4-Trichlorobenzene	< 0.5	NR	4/9/20	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	4/9/20
1,2,4-Trimethylbenzene	< 0.5	NR	4/9/20	Ethylbenzene	< 0.5	NR	4/9/20
1,2-Dibromo - 3- chloropropane	< 0.5	NR	4/9/20	Hexachlorobutadiene	< 0.5	NR	4/9/20
1,2-Dibromoethane	< 0.5	NR	4/9/20	Isopropylbenzene	< 0.5	NR	4/9/20
1,2-Dichlorobenzene	< 0.5	NR	4/9/20	m/p - Xylenes	<1	NR	4/9/20
1,2-Dichloroethane	< 0.5	NR	4/9/20	Methylene chloride	< 0.5	NR	4/9/20
1,2-Dichloropropane	< 0.5	NR	4/9/20	Methyl-t-butyl-ether (MtBE)	< 0.5	NR	4/9/20
1,3,5-Trimethylbenzene	< 0.5	NR	4/9/20	Napthalene	< 0.5	NR	4/9/20
1,3-Dichlorobenzene	< 0.5	NR	4/9/20	n-Butylbenzene	< 0.5	NR	4/9/20
1,3-Dichloropropane	< 0.5	NR	4/9/20	n-Propylbenzene	< 0.5	NR	4/9/20
1,4-Dichlorobenzene	< 0.5	NR	4/9/20	o-Xylene	< 0.5	NR	4/9/20
2-Chlorotoluene	<0.5	NR	4/9/20	sec Butylbenzene	< 0.5	NR	4/9/20
4-Chlorotoluene	<0.5	NR	4/9/20	Styrene	< 0.5	NR	4/9/20
4-Isopropyltoluene	< 0.5	NR	4/9/20	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	4/9/20
Benzene	< 0.5	NR	4/9/20	Tert-Butyl Alcohol (TBA)	<10	NR	4/9/20
Bromobenzene	< 0.5	NR	4/9/20	Tert-Butylbenzene	< 0.5	NR	4/9/20
Bromochloromethane	< 0.5	NR	4/9/20	Tetrachloroethylene	< 0.5	NR	4/9/20
Bromodichloromethane	4.6	NR	4/9/20	Tetrahydrofuran	<10	NR	4/9/20
Bromoform	<0.5	NR	4/9/20	Toluene	< 0.5	NR	4/9/20
Bromomethane	< 0.5	NR	4/9/20	Total Trihalomethanes	16	NR	4/9/20
Carbon Disulfide	< 0.5	NR	4/9/20	Total Xylenes	< 0.5	NR	4/9/20
Carbon Tetrachloride	< 0.5	NR	4/9/20	Trans-1, 2-Dichloroethylene	< 0.5	NR	4/9/20
Chlorobenzene	< 0.5	NR	4/9/20	Trans-1, 3-Dichloropropylene	< 0.5	NR	4/9/20
				Trichloroethylene	< 0.5	NR	4/9/20
				Trichlorofluoromethane	< 0.5	NR	4/9/20
				Vinyl chloride	< 0.5	NR	4/9/20

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	4/9/20	Glyphosate	< 10	700	4/9/20
2,4-D	< 1	70	4/9/20	Heptachlor	< 0.1	0.4	4/9/20
3-Hydroxycarbofuran	< 1	NR	4/9/20	Heptachlor Epoxide	< 0.1	0.2	4/9/20
Alachlor	< 0.1	2	4/9/20	Hexachlorobenzene	< 0.1	1	4/9/20
Aldicarb	< 1	3	4/9/20	Hexachlorocyclopentadiene	< 0.1	50	4/9/20
Aldicarb Sulfone	< 1	2	4/9/20	Lindane	< 0.1	0.2	4/9/20
Aldicarb Sulfoxide	< 1	4	4/9/20	Methiocarb	< 1	NR	4/9/20
Aldrin	< 0.1	NR	4/9/20	Methomyl	< 1	NR	4/9/20
Atrazine	< 0.1	3	4/9/20	Methoxychlor	< 0.1	40	4/9/20
Benzo(a)pyrene	< 0.1	0.2	4/9/20	Metolachlor	< 0.1	NR	4/9/20
Butachlor	< 0.1	NR	4/9/20	Metribuzin	< 0.1	NR	4/9/20
Carbaryl	< 1	NR	4/9/20	Oxamyl (Vydate)	< 1	200	4/9/20
Carbofuran	< 1	40	4/9/20	PCB Aroclor 1016	<0.2	NR	4/9/20
Chlordane	< 0.4	2	4/9/20	PCB Aroclor 1221	<0.2	NR	4/9/20
Dalapon	<1	200	4/9/20	PCB Aroclor 1232	<0.2	NR	4/9/20
Di (2-ethylhexyl) adipate	< 1	400	4/9/20	PCB Aroclor 1242	<0.2	NR	4/9/20
Di (2-Ethylhexyl) phthalate	< 1	6	4/9/20	PCB Aroclor 1248	<0.2	NR	4/9/20
Dibromochloropropane (DBCP)	< 0.02	0.2	4/10/19	PCB Aroclor 1254	<0.2	NR	4/9/20
Dicamba	< 0.5	NR	4/9/20	PCB Aroclor 1260	<0.2	NR	4/9/20
Dieldrin	< 0.1	NR	4/9/20	Pentachlorophenol	< 0.1	1	4/9/20
Dinoseb	< 1	7	4/9/20	Picloram	<2	500	4/9/20
Diquat	<1	NR	4/9/20	Propachlor	< 0.1	NR	4/9/20
Endrin	< 0.1	2	4/9/20	Propoxur (Baygon)	< 1	NR	4/9/20
Ethylene dibromide (EDB)	0.02	0.05	4/9/20	Simazine	< 0.1	4	4/9/20
				Toxaphene	< 2	3	4/9/20

**RADIOLOGICAL CONTAMINANTS (b)**

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Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	0.2	15	4/24/15
Radium 226 & 228 (pCi/L)	0.2	5	4/24/15
Uranium (µg/L)	< 1	30	4/24/15

**FIRST DRAW LEAD AND COPPER (a)**

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	< 1	15	2018
Copper (mg/L) 90th percentile sample	0.153	1.3	2018

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**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	4/10/19
Arsenic (mg/L)	<0.001	0.01	4/10/19
Barium (mg/L)	0.0086	2	4/10/19
Beryllium (mg/L)	<0.001	0.004	4/10/19
Cadmium (mg/L)	<0.001	0.005	4/10/19
Chromium (mg/L)	<0.001	0.1	4/10/19
Fluoride (mg/L)	< 0.2	4	4/10/19
Mercury (µg/L)	<0.0001	0.002	4/10/19
Nitrate-N (mg/L)	< 0.2	10	4/9/20
Nitrite-N (mg/L)	< 0.2	1	4/25/19
Selenium (mg/L)	<0.001	0.05	4/10/19
Thallium (mg/L)	<0.001	0.002	4/10/19

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	26	250	4/10/19
Fluoride (mg/L)	< 0.2	2	4/10/19
Iron (mg/L)	<0.1	0.3	4/10/19
Manganese (mg/L)	<0.001	0.05	4/10/19
pH (Standard Units)	8.55	6.5 – 8.5	6/5/20
Sulfate (mg/L)	5	250	4/10/19
Zinc (mg/L)	0.919	5	4/10/19

**Microbiological Contaminants (a)**

Analyte	Results	MCL	Frequency
Total Coliform	Absent	≤ 1/month	Monthly
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)	8	80	7/21/17
Haloacetic Acids (µg/L)	4.3	60	7/21/17

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	42.7	6/5/20
Calcium (mg/L)	3.19	4/10/19
Copper (mg/L)	0.0053	4/10/19
Hardness, Total as CaCO <sub>3</sub> (mg/L)	10.3	4/10/19
Magnesium (mg/L)	0.57	4/10/19
Nickel (mg/L)	<0.001	4/10/19
Radon Gas (pCi/L)	170	7/20/19
Sodium (mg/L)	28.9	4/10/19

**Perfluorinated Chemicals (PFCs)**

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	2/21/20
Perfluoroheptanoic acid (PFHpA) (ng/L)	2.05	NR	2/21/20
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	NR	2/21/20
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	NR	2/21/20
Perfluorooctane sulfonate (PFOS) (ng/L)	<2.00	70*	2/21/20
Perfluorooctanoic acid (PFOA) (ng/L)	5.97		2/21/20

\*PFOS + PFOA can not exceed 70 ng/L

**SOURCE WATER AND TREATMENT INFORMATION**

**Water Source:** One bedrock well.

**Treatment:** Filtration to reduce iron and manganese; chlorine for disinfection and to aid in iron and manganese removal through the filtration process; sodium hydroxide to increase the pH and reduce corrosion; zinc orthophosphate to reduce corrosion.

**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=2452010>