

**WATER QUALITY REPORT**  
**PEU/HARVEST VILLAGE, LONDONDERRY, NH**  
**EPA # 1392290**

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	7/20/17	Chloroform	0.5	80	7/20/17
1,1,1-Trichloroethane	< 0.5	200	7/20/17	Chloromethane	< 0.5	NR	7/20/17
1,1,2,2-Tetrachloroethane	< 0.5	NR	7/20/17	cis-1, 2-Dichloroethylene	< 0.5	70	7/20/17
1,1,2-Trichloroethane	< 0.5	5	7/20/17	cis-1, 3-Dichloropropylene	< 0.5	NR	7/20/17
1,1-Dichloroethane	< 0.5	NR	7/20/17	Dibromochloromethane	1.2	80	7/20/17
1,1-Dichloroethylene	< 0.5	7	7/20/17	Dibromomethane	< 0.5	NR	7/20/17
1,1-Dichloropropylene	< 0.5	NR	7/20/17	Dichlorodifluoromethane	< 0.5	NR	7/20/17
1,2,3-Trichlorobenzene	< 0.5	NR	7/20/17	Diethyl ether	< 0.5	NR	7/20/17
1,2,3-Trichloropropane	< 0.5	NR	7/20/17	Diisopropyl Ether (DIPE)	< 0.5	NR	7/20/17
1,2,4-Trichlorobenzene	< 0.5	70	7/20/17	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/20/17
1,2,4-Trimethylbenzene	< 0.5	NR	7/20/17	Ethylbenzene	< 0.5	700	7/20/17
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	7/20/17	Hexachlorobutadiene	< 0.5	NR	7/20/17
1,2-Dibromoethane	< 0.5	NR	7/20/17	Isopropylbenzene	< 0.5	NR	7/20/17
1,2-Dichlorobenzene	< 0.5	600	7/20/17	m&p - Xylenes	< 0.5	NR	7/20/17
1,2-Dichloroethane	< 0.5	5	7/20/17	Methylene chloride	< 0.5	5	7/20/17
1,2-Dichloropropane	< 0.5	5	7/20/17	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/20/17
1,3,5-Trimethylbenzene	< 0.5	NR	7/20/17	Napthalene	< 0.5	NR	7/20/17
1,3-Dichlorobenzene	< 0.5	NR	7/20/17	n-Butylbenzene	< 0.5	NR	7/20/17
1,3-Dichloropropane	< 0.5	NR	7/20/17	Nitrobenzene	<10	NR	7/20/17
1,4-Dichlorobenzene	< 0.5	75	7/20/17	n-Propylbenzene	< 0.5	NR	7/20/17
2,2-Dichloropropane	< 0.5	NR	7/20/17	o-Xylene	< 0.5	NR	7/20/17
2-Butanone (MEK)	<10	NR	7/20/17	sec Butylbenzene	< 0.5	NR	7/20/17
2-Chlorotoluene	<0.5	0.5	7/20/17	Styrene	< 0.5	100	7/20/17
2-Hexanone	<10	NR	7/20/17	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/20/17
4 Methyl-2-Pentanone (MIBK)	<10	NR	7/20/17	Tert-Butyl Alcohol (TBA)	<10	NR	7/20/17
4-Chlorotoluene	<0.5	0.5	7/20/17	Tert-Butylbenzene	< 0.5	NR	7/20/17
4-Isopropyltoluene	< 0.5	NR	7/20/17	Tetrachloroethylene	< 0.5	5	7/20/17
Acetone	<10	NR	7/20/17	Tetrahydrofuran	<10	NR	7/20/17
Benzene	< 0.5	5	7/20/17	Toluene	< 0.5	1000	7/20/17
Bromobenzene	< 0.5	NR	7/20/17	Total Trihalomethanes	0	80	7/20/17
Bromochloromethane	< 0.5	NR	7/20/17	Total Xylenes	< 0.5	10,000	7/20/17
Bromodichloromethane	0.9	80	7/20/17	Trans-1, 2-Dichloroethylene	< 0.5	100	7/20/17
Bromoform	0.6	80	7/20/17	Trans-1, 3-Dichloropropylene	< 0.5	NR	7/20/17
Bromomethane	< 0.5	NR	7/20/17	Trichloroethylene	< 0.5	5	7/20/17
Carbon Disulfide	< 0.5	NR	7/20/17	Trichlorofluoromethane	< 0.5	NR	7/20/17
Carbon Tetrachloride	< 0.5	5	7/20/17	Vinyl chloride	< 0.5	2	7/20/17
Chlorobenzene	< 0.5	100	7/20/17				
Chloroethane	<0.5	NR	7/20/17				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	7/20/17	Glyphosate	< 10	700	7/20/17
2,4-D	< 1	70	7/20/17	Heptachlor	< 0.1	0.4	7/20/17
3-Hydroxycarbofuran	< 1	NR	7/20/17	Heptachlor Epoxide	< 0.1	0.2	7/20/17
Alachlor	< 0.1	2	7/20/17	Hexachlorobenzene	< 0.1	1	7/20/17
Aldicarb	< 1	NR	7/20/17	Hexachlorocyclopentadiene	< 0.1	50	7/20/17
Aldicarb Sulfone	< 1	NR	7/20/17	Lindane	< 0.1	0.2	7/20/17
Aldicarb Sulfoxide	< 1	NR	7/20/17	Methiocarb	< 1	7	7/20/17
Aldrin	< 0.1	NR	7/20/17	Methomyl	< 1	NR	7/20/17
Atrazine	< 0.1	3	7/20/17	Methoxychlor	< 0.1	40	7/20/17
Benzo(a)pyrene	< 0.1	0.2	7/20/17	Metolachlor	< 0.1	40	7/20/17
Butachlor	< 0.1	NR	7/20/17	Metribuzin	< 0.1	NR	7/20/17
Carbaryl	< 1	NR	7/20/17	Oxamyl (Vydate)	< 1	200	7/20/17
Carbofuran	< 1	40	7/20/17	PCB Aroclor 1016	<0.2	NR	7/20/17
Chlordane	< 0.4	2	7/20/17	PCB Aroclor 1221	<0.2	NR	7/20/17
Dalapon	<1	200	7/20/17	PCB Aroclor 1232	<0.2	NR	7/20/17
Di (2-ethylhexyl) adipate	< 1	400	7/20/17	PCB Aroclor 1242	<0.2	NR	7/20/17
Di (2-Ethylhexyl) phthalate	< 1	6	7/20/17	PCB Aroclor 1248	<0.2	NR	7/20/17
Dibromochloropropane (DBCP)	< 0.02	0.2	7/20/17	PCB Aroclor 1254	<0.2	NR	7/20/17
Dicamba	< 0.5	NR	7/20/17	PCB Aroclor 1260	<0.2	NR	7/20/17
Dieldrin	< 0.1	NR	7/20/17	Pentachlorophenol	< 0.1	1	7/20/17
Dinoseb	< 1	7	7/20/17	Picloram	< 0.5	500	7/20/17
Diquat		20		Propachlor	< 0.1	NR	7/20/17
Endrin	< 0.1	2	7/20/17	Propoxur (Baygon)	< 1	NR	7/20/17
Ethylene dibromide (EDB)	< 0.02	0.05	7/20/17	Simazine	< 0.1	4	7/20/17
				Toxaphene	< 2	3	7/20/17

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**RADIOLOGICAL CONTAMINANTS (b)**

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	0	15	7/7/15
Radium 226 & 228 (pCi/L)	0.4	5	7/7/15
Uranium (µg/L)	<1	30	9/12/18

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

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	1.8	15	2017
Copper (mg/L) 90th percentile sample	0.269	1.3	2017

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**INORGANIC CONTAMINANTS (b)**

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	7/17/19
Arsenic (mg/L)	0.0032	0.01	7/17/19
Barium (mg/L)	0.0024	2	7/17/19
Beryllium (mg/L)	<0.001	0.004	7/17/19
Cadmium (mg/L)	<0.001	0.005	7/17/19
Chromium (mg/L)	0.0013	0.1	7/17/19
Fluoride (mg/L)	<0.2	4	7/17/19
Mercury (mg/L)	<0.0001	0.002	7/17/19
Nitrate-N (mg/L)	1.16	10	7/17/19
Nitrite-N (mg/L)	< 0.2	1	9/12/18
Selenium (mg/L)	<0.001	0.05	7/17/19
Thallium (mg/L)	<0.001	0.002	7/17/19

**SECONDARY CONTAMINANTS (b) - AESTHETIC**

Analyte	Results	SMCL	Date
Chloride (mg/L)	87	NR	7/17/19
Fluoride (mg/L)	<0.2	2	9/29/16
Iron (mg/L)	0.12	0.3	7/17/19
Manganese (mg/L)	0.0014	0.05	7/17/19
pH (Standard Units)	7.44	6.5 – 8.5	7/17/19
Sulfate (mg/L)	25	250	7/17/19
Zinc (mg/L)	0.0071	5	7/17/19

**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 (Units)	Results	MCL	Date
Total Trihalomethanes (µg/L)	7.4	80	7/11/19
Haloacetic Acids (µg/L)	1.2	60	7/11/19

**UNREGULATED CONTAMINANTS (b)**

Analyte (Units)	Results	Date
Alkalinity as CaCO <sub>3</sub> (mg/L)	111	7/17/19
Calcium (mg/L)	36.1	7/17/19
Copper (mg/L)	0.0129	7/17/19
Hardness, Total as CaCO <sub>3</sub> (mg/L)	101	7/17/19
Magnesium (mg/L)	2.59	7/17/19
Nickel (µg/L)	<0.001	7/17/19
Radon Gas (pCi/L)	1274	4/20/19
Sodium (mg/L)	61.3	7/17/19

**Perfluorinated Chemicals (PFCs)**

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	2.81	NR	10/3/19
Perfluoroheptanoic acid (PFHpA) (ng/L)	5.69	NR	10/3/19
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<1.97	NR	10/3/19
Perfluorononanoic acid (PFNA) (ng/L)	<1.97	NR	10/3/19
Perfluorooctane sulfonate (PFOS) (ng/L)	<1.97	70*	10/3/19
Perfluorooctanoic acid (PFOA) (ng/L)	27.9		10/3/19

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

**SOURCE WATER AND TREATMENT INFORMATION**

**Water Source:** Two bedrock wells. Well # 2 is located 220 feet southeast of the pump station. Well # 3 is located 215 feet east of the pump station.

**Treatment:** Chlorination to kill microorganisms; hardness removal.

**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=1392290>