WATER QUALITY REPORT
PEU/White Rock Senior Living, Bow, NH
EPA # 0262050

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	9/11/19	cis-1, 2-Dichloroethylene	< 0.5	70	9/11/19
1,1,1-Trichloroethane	< 0.5	200	9/11/19	cis-1, 3-Dichloropropylene	< 0.5	NR	9/11/19
1,1,2,2-Tetrachloroethane	< 0.5	NR	9/11/19	Dibromochloromethane	2.5	80	9/11/19
1,1,2-Trichloroethane	< 0.5	5	9/11/19	Dibromomethane	< 0.5	NR	9/11/19
1,1-Dichloroethane	< 0.5	NR	9/11/19	Dichlorodifluoromethane	< 0.5	NR	9/11/19
1,1-Dichloroethylene	< 0.5	7	9/11/19	Diethyl ether	< 0.5	NR	9/11/19
1,1-Dichloropropylene	< 0.5	NR	9/11/19	Diisopropyl Ether (DIPE)	< 0.5	NR	9/11/19
1,2,3-Trichlorobenzene	< 0.5	NR	9/11/19	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	9/11/19
1,2,3-Trichloropropane	< 0.5	NR	9/11/19	Ethylbenzene	< 0.5	700	9/11/19
1,2,4-Trichlorobenzene	< 0.5	70	9/11/19	Hexachlorobutadiene	< 0.5	NR	9/11/19
1,2,4-Trimethylbenzene	< 0.5	NR	9/11/19	Isopropylbenzene	< 0.5	NR	9/11/19
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	9/11/19	m/p - Xylenes	<1	NR	9/11/19
1,2-Dibromoethane	< 0.5	NR	9/11/19	Methylene chloride	< 0.5	5	9/11/19
1,2-Dichlorobenzene	< 0.5	600	9/11/19	Methyl-t-butyl-ether (MtBE)	< 0.5	13	9/11/19
1,2-Dichloroethane	< 0.5	5	9/11/19	Napthalene	< 0.5	NR	9/11/19
1,2-Dichloropropane	< 0.5	5	9/11/19	n-Butylbenzene	< 0.5	NR	9/11/19
1,3,5-Trimethylbenzene	< 0.5	NR	9/11/19	n-Propylbenzene	< 0.5	NR	9/11/19
1,3-Dichlorobenzene	< 0.5	NR	9/11/19	o-Xylene	< 0.5	NR	9/11/19
1,3-Dichloropropane	< 0.5	NR	9/11/19	sec Butylbenzene	< 0.5	NR	9/11/19
1,4-Dichlorobenzene	< 0.5	75	9/11/19	Styrene	< 0.5	100	9/11/19
2-Chlorotoluene	<0.5	0.5	9/11/19	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	9/11/19
4-Chlorotoluene	<0.5	0.5	9/11/19	Tert-Butyl Alcohol (TBA)	<10	NR	9/11/19
4-Isopropyltoluene	< 0.5	NR	9/11/19	Tert-Butylbenzene	< 0.5	NR	9/11/19
Benzene	< 0.5	5	9/11/19	Tetrachloroethylene	< 0.5	5	9/11/19
Bromobenzene	< 0.5	NR	9/11/19	Tetrahydrofuran (THF)	<10	NR	9/11/19
Bromochloromethane	< 0.5	NR	9/11/19	Toluene	< 0.5	1000	9/11/19
Bromodichloromethane	1.2	80	9/11/19	Total Trihalomethanes	5.7	80	9/11/19
Bromoform	2	80	9/11/19	Total Xylenes	< 0.5	10,000	9/11/19
Bromomethane	< 0.5	NR	9/11/19	Trans-1, 2-Dichloroethylene	< 0.5	100	9/11/19
Carbon Disulfide	< 0.5	NR	9/11/19	Trans-1, 3-Dichloropropylene	< 0.5	NR	9/11/19
Carbon Tetrachloride	< 0.5	5	9/11/19	Trichloroethylene	< 0.5	5	9/11/19
Chlorobenzene	< 0.5	100	9/11/19	Trichlorofluromethane	< 0.5	NR	9/11/19
Chloroform	<0.5	80	9/11/19	Vinyl chloride	< 0.5	2	9/11/19
Chloromethane	< 0.5	NR	9/11/19				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	7/26/17	Glyphosate	< 10	700	7/26/17
2,4-D	< 1	70	7/26/17	Heptachlor	< 0.1	0.4	7/26/17
3-Hydroxycarbofuran	< 1	NR	7/26/17	Heptachlor Epoxide	< 0.1	0.2	7/26/17
Alachlor	< 0.1	2	7/26/17	Hexachlorobenzene	< 0.1	1	7/26/17
Aldicarb	< 1	NR	7/26/17	Hexachlorocyclopentadiene	< 0.1	50	7/26/17
Aldicarb Sulfone	< 1	NR	7/26/17	Lindane	< 0.1	0.2	7/26/17
Aldicarb Sulfoxide	< 1	NR	7/26/17	Methiocarb	< 1	7	7/26/17
Aldrin	< 0.1	NR	7/26/17	Methomyl	< 1	NR	7/26/17
Atrazine	< 0.1	3	7/26/17	Methoxychlor	< 0.1	40	7/26/17
Benzo(a)pyrene	< 0.1	0.2	7/26/17	Metolachlor	< 0.1	40	7/26/17
Butachlor	< 0.1	NR	7/26/17	Metribuzin	< 0.1	NR	7/26/17
Carbaryl	< 1	NR	7/26/17	Oxamyl (Vydate)	< 1	200	7/26/17
Carbofuran	< 1	40	7/26/17	PCB Aroclor 1016	<0.2	NR	7/26/17
Chlordane	< 0.4	2	7/26/17	PCB Aroclor 1221	<0.2	NR	7/26/17
Dalapon	< 1	200	7/26/17	PCB Aroclor 1232	<0.2	NR	7/26/17
Di (2-ethylhexyl) adipate	< 1	400	7/26/17	PCB Aroclor 1242	<0.2	NR	7/26/17
Di (2-Ethylhexyl) phthalate	< 1	6	7/26/17	PCB Aroclor 1248	<0.2	NR	7/26/17
Dibromochloropropane (DBCP)	< 0.02	0.2	7/26/17	PCB Aroclor 1254	<0.2	NR	7/26/17
Dicamba	< 0.5	NR	7/26/17	PCB Aroclor 1260	<0.2	NR	7/26/17
Dieldrin	< 0.1	NR	7/26/17	Pentachlorophenol	< 0.1	1	7/26/17
Dinoseb	< 1	7	7/26/17	Picloram	< 0.5	500	7/26/17
Diquat		20		Propachlor	< 0.1	NR	7/26/17
Endrin	< 0.1	2	7/26/17	Propoxur (Baygon)	< 1	NR	7/26/17
Ethylene dibromide (EDB)	< 0.02	0.05	7/26/17	Simazine	< 0.1	4	7/26/17
				Toxaphene	< 2	3	7/26/17

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	4.5	15	7/7/15
Radium 226 & 228 (pCi/L)	1.3	5	7/7/15
Uranium (µg/L)	22.4	30	8/9/18

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	2	15	2017
Copper (mg/L) 90th percentile sample	0.115	1.3	2017

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	9/11/19
Arsenic (mg/L)	0.004	0.01	4/8/20
Barium (mg/L)	0.0256	2	9/11/19
Beryllium (mg/L)	<0.001	0.004	9/11/19
Cadmium (mg/L)	<0.001	0.005	9/11/19
Chromium (mg/L)	<0.001	0.1	9/11/19
Fluoride (mg/L)	0.47	4	9/11/19
Mercury (mg/L)	<0.0001	0.002	9/11/19
Nitrate-N (mg/L)	<0.2	10	9/11/19
Nitrite-N (mg/L)	< 0.2	1	9/11/19
Selenium (mg/L)	<0.001	0.05	9/11/19
Thallium (mg/L)	<0.001	0.002	9/11/19

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	96	250	9/11/19
Fluoride (mg/L)	0.47	2	9/11/19
Iron (mg/L)	0.2	0.3	9/11/19
Manganese (mg/L)	0.0667	0.05	9/11/19
pH (Standard Units)	7.81	6.5 – 8.5	9/11/19
Sulfate (mg/L)	13	250	9/11/19
Zinc (mg/L)	0.0036	5	9/11/19

Microbiological Contaminants (a)	Results	MCL	Date
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)	4	80	7/18/18
Haloacetic Acids (µg/L)	1	60	7/18/18

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<1.90	NR	10/4/19
Perfluoroheptanoic acid (PFHpA) (ng/L)	<1.90	NR	10/4/19
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<1.90	NR	10/4/19
Perfluorononanoic acid (PFNA) (ng/L)	<1.90	NR	10/4/19
Perfluorooctane sulfonate (PFOS) (ng/L)	<1.90	70*	10/4/19
Perfluorooctanoic acid (PFOA) (ng/L)	3.96		10/4/19

*PFOS + PFOA can not be more than 70 ng/L

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as $CaCO_3$ (mg/L)	139	9/11/19
Calcium (mg/L)	48.1	9/11/19
Copper (mg/L)	0.0021	9/11/19
Hardness, Total as $CaCO_3$ (mg/L)	173	9/11/19
Magnesium (mg/L)	12.9	9/11/19
Nickel (µg/L)	<0.001	9/11/19
Radon Gas (pCi/L)	2,831	7/10/19
Sodium (mg/L)	51	9/11/19

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells.
Treatment: Sodium hypochlorite to disinfect the water, aeration to remove radon , sodium hydroxide to adjust pH and aid in corrosion control, 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.