

WATER QUALITY REPORT
Valley Field Apts Northland, Plaistow, NH
EPA # 1932070

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	7/13/22	Chloromethane	< 0.5	NR	7/13/22
1,1,1-Trichloroethane	< 0.5	200	7/13/22	cis-1,2-Dichloroethylene	<0.5	70	7/13/22
1,1,2,2-Tetrachloroethane	< 0.5	NR	7/13/22	cis-1,3-Dichloropropylene	<0.5	NR	7/13/22
1,1,2-Trichloroethane	< 0.5	5	7/13/22	Dibromochloromethane	2.8	80	7/13/22
1,1-Dichloroethane	< 0.5	NR	7/13/22	Dibromomethane	< 0.5	NR	7/13/22
1,1-Dichloroethylene	< 0.5	7	7/13/22	Dichlorodifluoromethane	< 0.5	NR	7/13/22
1,1-Dichloropropylene	< 0.5	NR	7/13/22	Diethyl ether	< 0.5	NR	7/13/22
1,2,3-Trichlorobenzene	< 0.5	NR	7/13/22	Diisopropyl Ether (DIPE)	< 0.5	NR	7/13/22
1,2,3-Trichloropropane	< 0.5	NR	7/13/22	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	7/13/22
1,2,4-Trichlorobenzene	< 0.5	70	7/13/22	Ethylbenzene	< 0.5	700	7/13/22
1,2,4-Trimethylbenzene	< 0.5	NR	7/13/22	Hexachlorobutadiene	< 0.5	NR	7/13/22
1,2-Dibromo-3-chloropropane	<0.5	0.2	7/13/22	Hexachloroethane	< 0.5	NR	7/13/22
1,2-Dibromoethane	< 0.5	NR	7/13/22	Isopropylbenzene	< 0.5	NR	7/13/22
1,2-Dichlorobenzene	< 0.5	600	7/13/22	m&p-Xylenes	<1	NR	7/13/22
1,2-Dichloroethane	< 0.5	5	7/13/22	Methylene chloride	< 0.5	5	7/13/22
1,2-Dichloropropane	< 0.5	5	7/13/22	Methyl-t-butyl-ether (MtBE)	< 0.5	13	7/13/22
1,3,5-Trimethylbenzene	< 0.5	NR	7/13/22	Napthalene	< 0.5	NR	7/13/22
1,3-Dichlorobenzene	< 0.5	NR	7/13/22	n-Butylbenzene	< 0.5	NR	7/13/22
1,3-Dichloropropane	< 0.5	NR	7/13/22	n-Propylbenzene	<0.5	NR	7/13/22
1,4-Dichlorobenzene	< 0.5	75	7/13/22	o-Xylene	< 0.5	NR	7/13/22
2-Chlorotoluene	<0.5	0.5	7/13/22	sec Butylbenzene	< 0.5	NR	7/13/22
2-Ethyl-1-hexanol	1.8	NR	9/13/18	Styrene	< 0.5	100	9/13/18
4-Chlorotoluene	<0.5	0.5	7/13/22	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	7/13/22
4-Isopropyltoluene	< 0.5	NR	7/13/22	Tert-Butyl Alcohol (TBA)	<10	NR	7/13/22
Benzene	< 0.5	5	7/13/22	Tert-Butylbenzene	< 0.5	NR	7/13/22
Bromobenzene	< 0.5	NR	7/13/22	Tetrachloroethylene	< 0.5	5	7/13/22
Bromochloromethane	< 0.5	NR	7/13/22	Tetrahydrofuran	<10	NR	7/13/22
Bromodichloromethane	2.7	80	7/13/22	Toluene	< 0.5	1000	7/13/22
Bromoform	0.8	80	7/13/22	Total Trihalomethanes	8.4	80	7/13/22
Bromomethane	< 0.5	NR	7/13/22	Total Xylenes	< 0.5	10,000	7/13/22
Carbon Disulfide	< 0.5	NR	7/13/22	trans-1,2-Dichloroethylene	<0.5	100	7/13/22
Carbon Tetrachloride	< 0.5	5	7/13/22	trans-1,3-Dichloropropylene	<0.5	NR	7/13/22
Chlorobenzene	< 0.5	100	7/13/22	Trichloroethylene	< 0.5	5	7/13/22
				Trichlorofluoromethane	< 0.5	NR	7/13/22
				Vinyl chloride	< 0.5	2	7/13/22
Chloroform	2.1	80	7/13/22				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	7/13/22	Heptachlor	< 0.1	0.4	7/13/22
2,4-D	< 1	70	7/13/22	Heptachlor Epoxide	< 0.1	0.2	7/13/22
3-Hydroxycarbofuran	< 1	NR	7/13/22	Hexachlorobenzene	< 0.1	1	7/13/22
Alachlor	< 0.1	2	7/13/22	Hexachlorocyclopentadiene	< 0.1	50	7/13/22
Aldicarb	< 1	NR	7/13/22	Lindane	< 0.1	0.2	7/13/22
Aldicarb Sulfone	< 1	NR	7/13/22	Methiocarb	< 1	7	7/13/22
Aldicarb Sulfoxide	< 1	NR	7/13/22	Methomyl	< 1	NR	7/13/22
Aldrin	< 0.1	NR	7/13/22	Methoxychlor	< 0.1	40	7/13/22
Atrazine	< 0.1	3	7/13/22	Metolachlor	< 0.1	40	7/13/22
Benzo(a)pyrene	< 0.1	0.2	7/13/22	Metribuzin	< 0.1	NR	7/13/22

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Butachlor	< 0.1	NR	7/13/22
Carbaryl	< 1	NR	7/13/22
Carbofuran	< 1	40	7/13/22
Chlordane	< 0.4	2	7/13/22
Dalapon	< 1	200	7/13/22
Di (2-ethylhexyl) adipate	< 1	400	7/13/22
Di (2-Ethylhexyl) phthalate	< 1	6	7/13/22
Dibromochloropropane (DBCP)	< 0.02	0.2	7/13/22
Dicamba	< 0.5	NR	7/13/22
Dieldrin	< 0.1	NR	7/13/22
Dinoseb	< 1	7	7/13/22
Diquat	< 1	20	9/13/18
Endrin	< 0.1	2	7/13/22
Ethylene dibromide (EDB)	< 0.02	0.05	7/13/22
Glyphosate	< 10	700	7/13/22

Oxamyl (Vydate)	< 1	200	7/13/22
PCB Aroclor 1016	NT	NR	7/19/16
PCB Aroclor 1221	NT	NR	7/19/16
PCB Aroclor 1232	NT	NR	7/19/16
PCB Aroclor 1242	NT	NR	7/19/16
PCB Aroclor 1248	NT	NR	7/19/16
PCB Aroclor 1254	NT	NR	7/19/16
PCB Aroclor 1260	NT	NR	7/19/16
Pentachlorophenol	< 0.1	1	7/13/22
Picloram	< 2	500	7/13/22
Propachlor	< 0.1	NR	7/13/22
Propoxur (Baygon)	< 1	NR	7/13/22
Simazine	< 0.1	4	7/13/22
Toxaphene	< 2	3	7/13/22

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	1.7	15	7/9/15
Radium 226 & 228 (pCi/L)	1.2	5	7/9/15
Uranium (µg/L)	<0.67	30	7/9/15

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0.002	15	2021
Copper (mg/L) 90th percentile sample	0.040	1.3	2021

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	7/13/21
Arsenic (mg/L)	0.0028	0.005	7/13/21
Barium (mg/L)	0.0306	2	7/13/21
Beryllium (mg/L)	<0.001	0.004	7/13/21
Cadmium (mg/L)	<0.001	0.005	7/13/21
Chromium (mg/L)	0.0028	0.1	7/13/21
Fluoride (mg/L)	<0.2	4	7/13/21
Mercury (mg/L)	<0.0001	0.002	7/13/21
Nitrate-N (mg/L)	< 0.2	10	7/13/22
Nitrite-N (mg/L)	< 0.2	1	7/20/21
Selenium (mg/L)	<0.001	0.05	7/13/21
Thallium (mg/L)	<0.001	0.002	7/13/21
Cyanide (mg/L)	<0.02	0.2	7/13/21

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	28	250	7/13/21
Fluoride (mg/L)	<0.2	2	7/13/21
Iron (mg/L)	0.096	0.3	7/13/21
Manganese (mg/L)	0.0496	0.05	7/13/21
pH (Standard Units)	8.11	6.5 – 8.5	7/13/21
Sulfate (mg/L)	25	250	7/13/21
Zinc (mg/L)	0.0055	5	7/13/21

Microbiological Contaminants (a)

Analyte	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)	8.6	80	7/13/22
Haloacetic Acids (µg/L)	1.2	60	7/13/22

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	2.24	NR	10/7/19

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	156	10/24/18
Calcium (mg/L)	49.2	7/13/21
Copper (mg/L)	0.0013	7/20/21
Hardness, Total as CaCO ₃ (mg/L)	158	10/24/18
Magnesium (mg/L)	13.6	7/13/21

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Perfluoroheptanoic acid (PFHpA) (ng/L)	<2.00	NR	10/7/19	Nickel (mg/L)	0.0011	7/13/21
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	18ppt	10/7/19	Radon Gas (pCi/L)	< 100	7/19/22
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	11ppt	10/7/19	Sodium (mg/L)	20.9	7/13/21
Perfluorooctane sulfonate (PFOS) (ng/L)	2.19	70*	10/7/19			
Perfluorooctanoic acid (PFOA) (ng/L)	3.03		10/7/19			

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

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells.

Treatment: Chlorination for disinfection; aeration to reduce radon; and filtration to reduce iron and manganese levels; sodium hydroxide to increase the pH and 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.