

WATER QUALITY REPORT
PWW / FARLEY ROAD ESTATES, NASHUA, NH
EPA # 1622010

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	8/2/18	Chloromethane	< 0.5	NR	8/2/18
1,1,1-Trichloroethane	< 0.5	200	8/2/18	cis-1, 2-Dichloroethylene	< 0.5	70	8/2/18
1,1,2,2-Tetrachloroethane	< 0.5	NR	8/2/18	cis-1, 3-Dichloropropylene	< 0.5	NR	8/2/18
1,1,2-Trichloroethane	< 0.5	5	8/2/18	Dibromochloromethane	1	80	8/2/18
1,1-Dichloroethane	< 0.5	NR	8/2/18	Dibromomethane	< 0.5	NR	8/2/18
1,1-Dichloroethylene	< 0.5	7	8/2/18	Dichlorodifluoromethane	< 0.5	NR	8/2/18
1,1-Dichloropropylene	< 0.5	NR	8/2/18	Diethyl ether	< 0.5	NR	8/2/18
1,2,3-Trichlorobenzene	< 0.5	NR	8/2/18	Diisopropyl Ether (DIPE)	< 0.5	NR	8/2/18
1,2,3-Trichloropropane	< 0.5	NR	8/2/18	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	8/2/18
1,2,4-Trichlorobenzene	< 0.5	70	8/2/18	Ethylbenzene	< 0.5	700	8/2/18
1,2,4-Trimethylbenzene	< 0.5	NR	8/2/18	Hexachlorobutadiene	< 0.5	NR	8/2/18
1,2-Dibromo-3-chloropropane	< 0.5	0.2	8/2/18	Hexachloroethane	< 0.5	NR	8/2/18
1,2-Dibromoethane	< 0.5	NR	8/2/18	Isopropylbenzene	< 0.5	NR	8/2/18
1,2-Dichlorobenzene	< 0.5	600	8/2/18	m&p - Xylenes	< 1	NR	8/2/18
1,2-Dichloroethane	< 0.5	5	8/2/18	Methylene chloride	< 0.5	5	8/2/18
1,2-Dichloropropane	< 0.5	5	8/2/18	Methyl-t-butyl-ether (MtBE)	< 0.5	13	8/2/18
1,3,5-Trimethylbenzene	< 0.5	NR	8/2/18	Napthalene	< 0.5	NR	8/2/18
1,3-Dichlorobenzene	< 0.5	NR	8/2/18	n-Butylbenzene	< 0.5	NR	8/2/18
1,3-Dichloropropane	< 0.5	NR	8/2/18	n-Propylbenzene	< 0.5	NR	8/2/18
1,4-Dichlorobenzene	< 0.5	75	8/2/18	o-Xylene	< 0.5	NR	8/2/18
2-Chlorotoluene	< 0.5	0.5	8/2/18	sec Butylbenzene	< 0.5	NR	8/2/18
4-Chlorotoluene	< 0.5	0.5	8/2/18	Styrene	< 0.5	100	8/2/18
4-Isopropyltoluene	< 0.5	NR	8/2/18	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	8/2/18
Benzene	< 0.5	5	8/2/18	Tert-Butyl Alcohol (TBA)	< 10	NR	8/2/18
Bromobenzene	< 0.5	NR	8/2/18	Tert-Butylbenzene	< 0.5	NR	8/2/18
Bromochloromethane	< 0.5	NR	8/2/18	Tetrachloroethylene	< 0.5	5	8/2/18
Bromodichloromethane	1.4	80	8/2/18	Tetrahydrofuran (THF)	< 10	NR	8/2/18
Bromoform	0.5	80	8/2/18	Toluene	< 0.5	1000	8/2/18
Bromomethane	< 0.5	NR	8/2/18	Total Trihalomethanes	4	80	8/2/18
Carbon Disulfide	< 0.5	NR	8/2/18	Total Xylenes	< 0.5	10,000	8/2/18
Carbon Tetrachloride	< 0.5	5	8/2/18	Trans-1, 2-Dichloroethylene	< 0.5	100	8/2/18
Chlorobenzene	< 0.5	100	8/2/18	Trans-1, 3-Dichloropropylene	< 0.5	NR	8/2/18
Chloroform	1.1	80	8/2/18	Trichloroethylene	< 0.5	5	8/2/18
				Trichlorofluoromethane	< 0.5	NR	8/2/18
				Vinyl chloride	< 0.5	2	8/2/18

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,2-Dibromo-3-chloropropane (DBCP)	< 0.02	0.2	8/2/18	Glyphosate	< 10	700	8/2/18
2,4,5-TP (Silvex)	< 0.25	50	8/2/18	Heptachlor	< 0.1	0.4	8/2/18
2,4-D	< 1	70	8/2/18	Heptachlor Epoxide	< 0.1	0.2	8/2/18
3-Hydroxycarbofuran	< 1	NR	8/2/18	Hexachlorobenzene	< 0.1	1	8/2/18
Alachlor	< 0.1	2	8/2/18	Hexachlorocyclopentadiene	< 0.1	50	8/2/18
Aldicarb	< 1	3	8/2/18	Lindane	< 0.1	0.2	8/2/18
Aldicarb Sulfone	< 1	2	8/2/18	Methiocarb	< 1	NR	8/2/18
Aldicarb Sulfoxide	< 1	4	8/2/18	Metolachlor	< 0.1	NR	8/2/18
Aldrin	< 0.1	NR	8/2/18	Methomyl	< 1	NR	8/2/18
Atrazine	< 0.1	3	8/2/18	Methoxychlor	< 0.1	40	8/2/18
Benzo(a)pyrene	< 0.1	0.2	8/2/18	Metribuzin	< 0.1	NR	8/2/18
Butachlor	< 0.1	NR	8/2/18	Oxamyl (Vydate)	< 1	200	8/2/18
Carbaryl	< 1	NR	8/2/18	PCB Aroclor 1016	< 0.2	NR	8/2/18
Carbofuran	< 1	40	8/2/18	PCB Aroclor 1221	< 0.2	NR	8/2/18
Chlordane	< 0.4	2	8/2/18	PCB Aroclor 1232	< 0.2	NR	8/2/18
Dalapon	< 1	200	8/2/18	PCB Aroclor 1242	< 0.2	NR	8/2/18
Di (2-ethylhexyl) adipate	< 1	400	8/2/18	PCB Aroclor 1248	< 0.2	NR	8/2/18
Di (2-Ethylhexyl) phthalate	< 1	6	8/2/18	PCB Aroclor 1254	< 0.2	NR	8/2/18
Dicamba	< 0.5	NR	8/2/18	PCB Aroclor 1260	< 0.2	NR	8/2/18
Dieldrin	< 0.1	NR	8/2/18	Pentachlorophenol	< 0.1	1	8/2/18
Dinoseb	< 1	7	8/2/18	Picloram	< 2	500	8/2/18
Diquat		20		Propachlor	< 0.1	NR	8/2/18
Endrin	< 0.1	2	8/2/18	Propoxur (Baygon)	< 1	NR	8/2/18
Ethylene dibromide (EDB)	< 0.02	0.05	8/2/18	Simazine	< 0.1	4	8/2/18
				Toxaphene	< 2	3	8/2/18

RADIOLOGICAL CONTAMINANTS (b)

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Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	0.7	15	5/8/14
Radium 226 & 228 (pCi/L)	0.3	5	5/8/14
Uranium (µg/L)	< 1	30	5/8/14

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	0.035	1.3	2018

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	< 0.001	0.006	7/24/19
Arsenic (mg/L)	<0.001	0.01	4/9/20
Barium (mg/L)	0.118	2	7/24/19
Beryllium (mg/L)	<0.001	0.004	7/24/19
Cadmium (mg/L)	<0.001	0.005	7/24/19
Chromium (mg/L)	<0.001	0.1	7/24/19
Fluoride (mg/L)	0.27	4	7/24/19
Mercury (mg/L)	<0.0001	0.002	7/24/19
Nitrate-N (mg/L)	< 0.2	10	7/24/19
Nitrite-N (mg/L)	< 0.2	1	7/24/19
Selenium (mg/L)	<0.001	0.05	7/24/19
Thallium (mg/L)	<03001	0.002	7/24/19

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	13	250	7/24/19
Fluoride (mg/L)	0.27	4	7/24/19
Iron (mg/L)	2.58	0.3	7/24/19
Manganese (mg/L)	0.0048	0.05	7/24/19
pH (Standard Units)	8.07	6.5 – 8.5	7/24/19
Sulfate (mg/L)	15	250	7/24/19
Zinc (mg/L)	0.0049	5	7/24/19

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	5.8	80	4/8/16
Haloacetic Acids (µg/L)	<1	60	4/8/16

Microbiological Contaminants (a)

Results	MCL	Frequency	
Total Coliform	Absent	≤ 1/month	Monthly
E. coli	Absent	Absent	Monthly
Chlorine Residual Range (mg/L)	0.2 - 1.0		

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	10/4/19
Perfluoroheptanoic acid (PFHpA) (ng/L)	<2.00	NR	10/4/19
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	NR	10/4/19
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	NR	10/4/19
Perfluorooctane sulfonate (PFOS) (ng/L)	<2.00	70*	10/4/19
Perfluorooctanoic acid (PFOA) (ng/L)	<2.00		10/4/19

*PFOS + PFOA should not exceed 70 ng/L

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	103	7/24/19
Calcium (mg/L)	30.1	7/24/19
Copper (mg/L)	0.0023	7/24/19
Hardness, Total as CaCO ₃ (mg/L)	106	7/24/19
Nickel (µg/L)	< 1	7/26/16
Magnesium (mg/L)	7.58	7/24/19
Radon Gas (pCi/L)	<0.001	7/24/19
Sodium (mg/L)	12.8	7/24/19

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Two bedrock wells

Treatment: Aeration to reduce radon levels; filtration to reduce arsenic and antimony; chlorine to kill bacteria.

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 - The highest level of a contaminant that affects the aesthetic 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, Water Quality Manager, 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: