

WATER QUALITY REPORT
PEU/Shaker Heights, Chester, NH

EPA # 0432040

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	8/4/22	Chloroform	1.1	80	8/4/22
1,1,1-Trichloroethane	< 0.5	200	8/4/22	Chloromethane	< 0.5	NR	8/4/22
1,1,2,2-Tetrachloroethane	< 0.5	NR	8/4/22	cis-1, 2-Dichloroethylene	< 0.5	70	8/4/22
1,1,2-Trichloroethane	< 0.5	5	8/4/22	cis-1, 3-Dichloropropylene	< 0.5	NR	8/4/22
1,1-Dichloroethane	< 0.5	NR	8/4/22	Dibromochloromethane	2.6	80	8/4/22
1,1-Dichloroethylene	< 0.5	7	8/4/22	Dibromomethane	< 0.5	NR	8/4/22
1,1-Dichloropropylene	< 0.5	NR	8/4/22	Dichlorodifluoromethane	< 0.5	NR	8/4/22
1,2,3-Trichlorobenzene	< 0.5	NR	8/4/22	Diethyl ether	< 0.5	NR	8/4/22
1,2,3-Trichloropropane	< 0.5	NR	8/4/22	Diisopropyl Ether (DIPE)	< 0.5	NR	8/4/22
1,2,4-Trichlorobenzene	< 0.5	70	8/4/22	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	8/4/22
1,2,4-Trimethylbenzene	< 0.5	NR	8/4/22	Ethylbenzene	< 0.5	700	8/4/22
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	8/4/22	Hexachlorobutadiene	< 0.5	NR	8/4/22
1,2-Dibromoethane	< 0.5	NR	8/4/22	Isopropylbenzene	< 0.5	NR	8/4/22
1,2-Dichlorobenzene	< 0.5	600	8/4/22	m/p - Xylenes	<1	NR	8/4/22
1,2-Dichloroethane	< 0.5	5	8/4/22	Methyl ethyl ketone (MEK) 2-Butanone	<10	NR	12/5/17
1,2-Dichloropropane	< 0.5	5	8/4/22	Methylene chloride	< 0.5	5	8/4/22
1,3,5-Trimethylbenzene	< 0.5	NR	8/4/22	Methyl-t-butyl-ether (MtBE)	< 0.5	13	8/4/22
1,3-Dichlorobenzene	< 0.5	NR	8/4/22	Napthalene	< 0.5	NR	8/4/22
1,3-Dichloropropane	< 0.5	NR	8/4/22	n-Butylbenzene	< 0.5	NR	8/4/22
1,4-Dichlorobenzene	< 0.5	75	8/4/22	Nitrobenzene	<10	NR	12/5/17
2,2-Dichloropropane	< 0.5	NR	12/5/17	n-Propylbenzene	< 0.5	NR	8/4/22
2-Butanone (MEK)	<10	NR	12/5/17	o-Xylene	< 0.5	NR	8/4/22
2-Chlorotoluene	<0.5	0.5	8/4/22	sec Butylbenzene	< 0.5	NR	8/4/22
2-Hexanone	<10	NR	12/5/17	Styrene	< 0.5	100	8/4/22
4 Methyl-2-Pentanone (MIBK)	<10	NR	12/5/17	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	8/4/22
4-Chlorotoluene	<0.5	0.5	8/4/22	Tert-Butyl Alcohol (TBA)	<10	NR	8/4/22
4-Isopropyltoluene	< 0.5	NR	8/4/22	Tert-Butylbenzene	< 0.5	NR	8/4/22
Acetone	<10	NR	12/5/17	Tetrachloroethylene	< 0.5	5	8/4/22
Benzene	< 0.5	5	8/4/22	Tetrachloromethane	< 0.5	NR	8/4/22
Bromobenzene	< 0.5	NR	8/4/22	Tetrahydrofuran	<10	NR	8/4/22
Bromochloromethane	< 0.5	NR	8/4/22	Toluene	< 0.5	1000	8/4/22
Bromodichloromethane	2.1	80	8/4/22	Total Trihalomethanes	6.6	80	8/4/22
Bromoform	0.8	80	8/4/22	Total Xylenes	< 0.5	10,000	8/4/22
Bromomethane	< 0.5	NR	8/4/22	Trans-1, 2-Dichloroethylene	< 0.5	100	8/4/22
Carbon Disulfide	< 0.5	NR	8/4/22	Trans-1, 3-Dichloropropylene	< 0.5	NR	8/4/22
Carbon Tetrachloride	< 0.5	5	8/4/22	Trichloroethylene	< 0.5	5	8/4/22
Chlorobenzene	< 0.5	100	8/4/22	Trichlorofluoromethane	< 0.5	NR	8/4/22
Chloroethane	<0.5	NR	12/5/17	Vinyl chloride	< 0.5	2	8/4/22

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	12/5/17	Diquat		20	
2,4-D	< 1	70	12/5/17	Endrin	< 0.1	2	12/5/17
3-Hydroxycarbofuran	< 1	NR	12/5/17	Ethylene dibromide (EDB)	< 0.02	0.05	12/5/17
Alachlor	< 0.1	2	12/5/17	Glyphosate	< 10	700	12/5/17
Aldicarb	< 1	NR	12/5/17	Heptachlor	< 0.1	0.4	12/5/17
Aldicarb Sulfone	< 1	NR	12/5/17	Heptachlor Epoxide	< 0.1	0.2	12/5/17
Aldicarb Sulfoxide	< 1	NR	12/5/17	Hexachlorobenzene	< 0.1	1	12/5/17
Aldrin	< 0.1	NR	12/5/17	Hexachlorocyclopentadiene	< 0.1	50	12/5/17
Atrazine	< 0.1	3	12/5/17	Lindane	< 0.1	0.2	12/5/17
Benzo(a)pyrene	< 0.1	0.2	12/5/17	Methiocarb	< 1	7	12/5/17

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Butachlor	< 0.1	NR	12/5/17
Carbaryl	< 1	NR	12/5/17
Carbofuran	< 1	40	12/5/17
Chlordane	< 0.4	2	12/5/17
Di (2-ethylhexyl) adipate	< 1	400	12/5/17
Di (2-Ethylhexyl) phthalate	< 1	6	12/5/17
Dibromochloropropane (DBCP)	< 0.02	0.2	12/5/17
Dicamba	< 0.5	NR	12/5/17
Dieldrin	< 0.1	NR	12/5/17
Dinoseb	< 1	7	12/5/17

Methomyl	< 1	NR	12/5/17
Methoxychlor	< 0.1	40	12/5/17
Metolachlor	< 0.1	40	12/5/17
Metribuzin	< 0.1	NR	12/5/17
Oxamyl (Vydate)	< 1	200	12/5/17
Pentachlorophenol	< 0.1	1	12/5/17
Picloram	< 0.5	500	12/5/17
Propachlor	< 0.1	NR	12/5/17
Propoxur (Baygon)	< 1	NR	12/5/17
Simazine	< 0.1	4	12/5/17
Toxaphene	< 2	3	12/5/17

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	0.6	15	11/12/15
Radium 226 & 228 (pCi/L)	0.8	5	11/12/15
Uranium (µg/L)	< 1	30	11/12/15

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0	15	2022
Copper (mg/L) 90th percentile sample	0.121	1.3	2022

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	8/4/22
Arsenic (mg/L)	<0.001	0.01	8/4/22
Barium (mg/L)	<0.001	2	8/4/22
Beryllium (mg/L)	<0.001	0.004	8/4/22
Cadmium (mg/L)	<0.001	0.005	8/4/22
Chromium (mg/L)	< 1	0.1	8/4/22
Fluoride (mg/L)	0.97	4	12/5/17
Mercury (mg/L)	<0.0001	0.002	8/4/22
Nitrate-N (mg/L)	< 0.2	10	8/4/22
Nitrite-N (mg/L)	< 0.2	1	10/29/20
Selenium (mg/L)	<0.001	0.05	8/4/22
Thallium (mg/L)	<0.001	0.002	8/4/22
Cyanide (mg/L)	<0.02	0.2	10/29/20

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	0.026	250	8/4/22
Fluoride (mg/L)	0.97	2	12/5/17
Iron (mg/L)	0.026	0.3	8/4/22
Manganese (mg/L)	0.0013	0.05	8/4/22
pH (Standard Units)	7.94	6.5 – 8.5	8/4/22
Sulfate (mg/L)	25	250	8/4/22
Zinc (mg/L)	0.412	5	8/4/22

Microbiological Contaminants (a)

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		

DISINFECTION BY-PRODUCTS (a)

Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	5.9	80	7/21/22
Haloacetic Acids (µg/L)	< 1	60	7/21/22

Perfluorinated Chemicals (PFCs)

Analyte (Units)	Results	MCL	Date
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	2/13/20
Perfluoroheptanoic acid (PFHpA) (ng/L)	<2.00	NR	2/13/20
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	18ppt	2/13/20
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	11ppt	2/13/20
Perfluorooctane sulfonate (PFOS) (ng/L)	<2.00	70*	2/13/20
Perfluorooctanoic acid (PFOA) (ng/L)	<2.00		2/13/20

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	84	12/5/17
Calcium (mg/L)	<2	10/29/20
Copper (mg/L)	0.0013	10/29/20
Hardness, Total as CaCO ₃ (mg/L)	<2	12/5/17
Magnesium (mg/L)	<1	10/29/20
Nickel (µg/L)	<0.001	10/29/20
Radon Gas (pCi/L)	362	7/15/21
Sodium (mg/L)	10.4	10/29/20

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*PFOS + PFOA can not exceed 70 ng/L

SOURCE WATER AND TREATMENT INFORMATION

Water Source: One bedrock well

Treatment: Water is chlorinated and softening was started on 10/17/17.

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.