

WATER QUALITY REPORT
Sunrise Estates, Middleton, NH
EPA # 1542030

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
1,1,1,2-Tetrachloroethane	< 0.5	NR	11/6/17	Chloroform	< 0.5	80	11/6/17
1,1,1-Trichloroethane	< 0.5	200	11/6/17	Chloromethane	< 0.5	NR	11/6/17
1,1,2,2-Tetrachloroethane	< 0.5	NR	11/6/17	cis-1, 2-Dichloroethylene	< 0.5	70	11/6/17
1,1,2-Trichloroethane	< 0.5	5	11/6/17	cis-1, 3-Dichloropropylene	< 0.5	NR	11/6/17
1,1-Dichloroethane	< 0.5	NR	11/6/17	Dibromochloromethane	< 0.5	80	11/6/17
1,1-Dichloroethylene	< 0.5	7	11/6/17	Dibromomethane	< 0.5	NR	11/6/17
1,1-Dichloropropylene	< 0.5	NR	11/6/17	Dichlorodifluoromethane	< 0.5	NR	11/6/17
1,2,3-Trichlorobenzene	< 0.5	NR	11/6/17	Diethyl ether	< 0.5	NR	11/6/17
1,2,3-Trichloropropane	< 0.5	NR	11/6/17	Diisopropyl Ether (DIPE)	< 0.5	NR	11/6/17
1,2,4-Trichlorobenzene	< 0.5	70	11/6/17	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	11/6/17
1,2,4-Trimethylbenzene	< 0.5	NR	11/6/17	Ethylbenzene	< 0.5	700	11/6/17
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	11/6/17	Hexachlorobutadiene	< 0.5	NR	11/6/17
1,2-Dibromoethane	< 0.5	NR	11/6/17	Isopropylbenzene	< 0.5	NR	11/6/17
1,2-Dichlorobenzene	< 0.5	600	11/6/17	m/p - Xylenes	< 0.5	NR	11/6/17
1,2-Dichloroethane	< 0.5	5	11/6/17	Methylene chloride	< 0.5	5	11/6/17
1,2-Dichloropropane	< 0.5	5	11/6/17	Methyl-t-butyl-ether (MtBE)	< 0.5	13	11/6/17
1,3,5-Trimethylbenzene	< 0.5	NR	11/6/17	Napthalene	< 0.5	NR	11/6/17
1,3-Dichlorobenzene	< 0.5	NR	11/6/17	n-Butylbenzene	< 0.5	NR	11/6/17
1,3-Dichloropropane	< 0.5	NR	11/6/17	Nitrobenzene	<10	NR	11/6/17
1,4-Dichlorobenzene	< 0.5	75	11/6/17	n-Propylbenzene	< 0.5	NR	11/6/17
2,2-Dichloropropane	< 0.5	NR	11/6/17	o-Xylene	< 0.5	NR	11/6/17
2-Butanone (MEK)	<10	NR	11/6/17	sec Butylbenzene	< 0.5	NR	11/6/17
2-Chlorotoluene	<0.5	0.5	11/6/17	Styrene	< 0.5	100	11/6/17
2-Hexanone	<10	NR	11/6/17	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	11/6/17
4 Methyl-2-Pentanone (MIBK)	<10	NR	11/6/17	Tert-Butyl Alcohol (TBA)	<10	NR	11/6/17
4-Chlorotoluene	<0.5	0.5	11/6/17	Tert-Butylbenzene	< 0.5	NR	11/6/17
4-Isopropyltoluene	< 0.5	NR	11/6/17	Tetrachloroethylene	< 0.5	5	11/6/17
Acetone	<10	NR	11/6/17	Tetrahydrofuran	<10	NR	11/6/17
Benzene	< 0.5	5	11/6/17	Toluene	< 0.5	1000	11/6/17
Bromobenzene	< 0.5	NR	11/6/17	Total Trihalomethanes	0	80	11/6/17
Bromochloromethane	< 0.5	NR	11/6/17	Total Xylenes	< 0.5	10,000	11/6/17
Bromodichloromethane	< 0.5	80	11/6/17	Trans-1, 2-Dichloroethylene	< 0.5	100	11/6/17
Bromoform	< 0.5	80	11/6/17	Trans-1, 3-Dichloropropylene	< 0.5	NR	11/6/17
Bromomethane	< 0.5	NR	11/6/17	Trichloroethylene	< 0.5	5	11/6/17
Carbon Disulfide	< 0.5	NR	11/6/17	Trichlorofluoromethane	< 0.5	NR	11/6/17
Carbon Tetrachloride	< 0.5	5	11/6/17	Vinyl chloride	< 0.5	2	11/6/17
Chlorobenzene	< 0.5	100	11/6/17				
Chloroethane	<0.5	NR	11/6/17				

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

Analyte	Results	MCL	Date	Analyte	Results	MCL	Date
2,4,5-TP (Silvex)	< 0.25	50	10/7/14	Endrin	< 0.1	2	10/7/14
2,4-D	< 1	70	10/7/14	Ethylene dibromide (EDB)	< 0.02	0.05	10/7/14
3-Hydroxycarbofuran	< 1	NR	10/7/14	Glyphosate	< 10	700	10/7/14
Alachlor	< 0.1	2	10/7/14	Heptachlor	< 0.1	0.4	10/7/14
Aldicarb	< 1	NR	10/7/14	Heptachlor Epoxide	< 0.1	0.2	10/7/14
Aldicarb Sulfone	< 1	NR	10/7/14	Hexachlorobenzene	< 0.1	1	10/7/14
Aldicarb Sulfoxide	< 1	NR	10/7/14	Hexachlorocyclopentadiene	< 0.1	50	10/7/14
Aldrin	< 0.1	NR	10/7/14	Lindane	< 0.1	0.2	10/7/14
Atrazine	< 0.1	3	10/7/14	Methiocarb	< 1	7	10/7/14
Benzo(a)pyrene	< 0.1	0.2	10/7/14	Methomyl	< 1	NR	10/7/14
Butachlor	< 0.1	NR	10/7/14	Methoxychlor	< 0.1	40	10/7/14
Carbaryl	< 1	NR	10/7/14	Metolachlor	< 0.1	40	10/7/14
Carbofuran	< 1	40	10/7/14	Metribuzin	< 0.1	NR	10/7/14
Chlordane	< 0.4	2	10/7/14	Oxamyl (Vydate)	< 1	200	10/7/14
Di (2-ethylhexyl) adipate	< 1	400	10/7/14	Pentachlorophenol	< 0.1	1	10/7/14
Di (2-Ethylhexyl) phthalate	< 1	6	10/7/14	Picloram	< 0.5	500	10/7/14
Dicamba	< 0.5	NR	10/7/14	Propachlor	< 0.1	NR	10/7/14
Dieldrin	< 0.1	NR	10/7/14	Propoxur (Baygon)	< 1	NR	10/7/14
Dinoseb	< 1	7	10/7/14	Simazine	< 0.1	4	10/7/14
Diquat		20		Toxaphene	< 2	3	10/7/14

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	2.5	15	12/15/14
Radium 226 & 228 (pCi/L)	0.3	5	10/7/14
Uranium (µg/L)	3.7	30	12/15/14

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	0.079	1.3	2018

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INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	10/22/19
Arsenic (mg/L)	0.0012	0.01	10/22/19
Barium (mg/L)	0.0034	2	10/22/19
Beryllium (mg/L)	<0.001	0.004	10/22/19
Cadmium (mg/L)	<0.001	0.005	10/22/19
Chromium (mg/L)	<0.001	0.1	10/22/19
Fluoride (mg/L)	0.69	4	10/22/19
Mercury (mg/L)	<0.0001	0.002	10/22/19
Nitrate-N (mg/L)	< 0.2	10	10/22/19
Nitrite-N (mg/L)	< 0.2	1	10/22/19
Selenium (mg/L)	<0.001	0.05	10/22/19
Thallium (mg/L)	<0.001	0.002	10/22/19

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	3	250	10/22/19
Fluoride (mg/L)	0.69	2	10/22/19
Iron (mg/L)	0.13	0.3	10/22/19
Manganese (mg/L)	0.0382	0.05	10/22/19
pH (Standard Units)	7.93	6.5 – 8.5	10/22/19
Sulfate (mg/L)	10	250	10/22/19
Zinc (mg/L)	0.0047	5	10/22/19

Microbiological Contaminants (a)

Microbiological Contaminants (a)	Results	MCL	Frequency
Total Coliform	Absent	≤ 1/month	Quarterly
E. coli	Absent	Absent	Quarterly
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	2/11/20
Perfluoroheptanoic acid (PFHpA) (ng/L)	<2.00	NR	2/11/20
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	NR	2/11/20
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	NR	2/11/20
Perfluorooctane sulfonate (PFOS) (ng/L)	<2.00	70*	2/11/20
Perfluorooctanoic acid (PFOA) (ng/L)	<2.00		2/11/20

*PFOS + PFOA can not exceed 70 ng/L

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as CaCO ₃ (mg/L)	71	10/22/19
Calcium (mg/L)	18.4	10/22/19
Copper (mg/L)	0.0029	10/22/19
Hardness, Total as CaCO ₃ (mg/L)	59.9	10/22/19
Magnesium (mg/L)	3.39	10/22/19
Nickel (µg/L)	<0.001	10/22/19
Radon Gas (pCi/L)	836	7/15/19
Sodium (mg/L)	9.32	10/22/19

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Three bedrock wells.

Treatment: No treatment.

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.