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	10/16/23	Chloroform	< 0.5	80	10/16/23
1,1,1-Trichloroethane	< 0.5	200	10/16/23	Chloromethane	< 0.5	NR	10/16/23
1,1,2,2-Tetrachloroethane	< 0.5	NR	10/16/23	cis-1, 2-Dichloroethylene	< 0.5	70	10/16/23
1,1,2-Trichloroethane	< 0.5	5	10/16/23	cis-1, 3-Dichloropropylene	< 0.5	NR	10/16/23
1,1-Dichloroethane	< 0.5	NR	10/16/23	Dibromochloromethane	< 0.5	80	10/16/23
1,1-Dichloroethylene	< 0.5	7	10/16/23	Dibromomethane	< 0.5	NR	10/16/23
1,1-Dichloropropylene	< 0.5	NR	10/16/23	Dichlorodifluoromethane	< 0.5	NR	10/16/23
1,2,3-Trichlorobenzene	< 0.5	NR	11/6/17	Diethyl ether	< 0.5	NR	10/16/23
1,2,3-Trichloropropane	< 0.5	NR	10/16/23	Diisopropyl Ether (DIPE)	< 0.5	NR	10/16/23
1,2,4-Trichlorobenzene	< 0.5	70	10/16/23	Ethyl Tert-Butyl Ether (ETBE)	< 0.5	NR	10/16/23
1,2,4-Trimethylbenzene	< 0.5	NR	10/16/23	Ethylbenzene	< 0.5	700	10/16/23
1,2-Dibromo - 3- chloropropane	< 0.5	0.2	10/16/23	Hexachlorobutadiene	< 0.5	NR	10/16/23
1,2-Dibromoethane	< 0.5	NR	10/16/23	Isopropylbenzene	< 0.5	NR	10/16/23
1,2-Dichlorobenzene	< 0.5	600	10/16/23	m/p - Xylenes	< 0.5	NR	10/16/23
1,2-Dichloroethane	< 0.5	5	10/16/23	Methylene chloride	<1	5	10/16/23
1,2-Dichloropropane	< 0.5	5	10/16/23	Methyl-t-butyl-ether (MtBE)	< 0.5	13	10/16/23
1,3,5-Trimethylbenzene	< 0.5	NR	10/16/23	Napthalene	< 0.5	NR	10/16/23
1,3-Dichlorobenzene	< 0.5	NR	10/16/23	n-Butylbenzene	< 0.5	NR	10/16/23
1,3-Dichloropropane	< 0.5	NR	10/16/23	Nitrobenzene	<10	NR	11/6/17
1,4-Dichlorobenzene	< 0.5	75	10/16/23	n-Proplybenzene	< 0.5	NR	10/16/23
2,2-Dichloropropane	< 0.5	NR	11/6/17	o-Xylene	< 0.5	NR	10/16/23
2-Butanone (MEK)	<10	NR	11/6/17	sec Butylbenzene	< 0.5	NR	10/16/23
2-Chlorotoluene	<0.5	0.5	10/16/23	Styrene	< 0.5	100	10/16/23
2-Hexanone	<10	NR	11/6/17	Tert-Amyl Methyl Ether (TAME)	< 0.5	NR	10/16/23
4 Methyl-2-Pentanone (MIBK)	<10	NR	11/6/17	Tert-Butyl Alcohol (TBA)	<10	NR	10/16/23
4-Chlorotoluene	<0.5	0.5	10/16/23	Tert-Butylbenzene	< 0.5	NR	10/16/23
4-Isopropyltoluene	< 0.5	NR	10/16/23	Tetrachloroethylene	< 0.5	5	10/16/23
Acetone	<10	NR	11/6/17	Tetrahydrofuran	<10	NR	10/16/23
Benzene	< 0.5	5	10/16/23	Toluene	< 0.5	1000	10/16/23
Bromobenzene	< 0.5	NR	10/16/23	Total Trihalomethanes	<0.5	80	10/16/23
Bromochloromethane	< 0.5	NR	10/16/23	Total Xylenes	< 0.5	10,000	10/16/23
Bromodichloromethane	< 0.5	80	10/16/23	Trans-1, 2-Dichloroethylene	< 0.5	100	10/16/23
Bromoform	< 0.5	80	10/16/23	Trans-1, 3-Dichloropropylene	< 0.5	NR	10/16/23
Bromomethane	< 0.5	NR	10/16/23	Trichloroethylene	< 0.5	5	10/16/23
Carbon Disulfide	< 0.5	NR	10/16/23	Trichlorofluromethane	< 0.5	NR	10/16/23
Carbon Tetrachloride	< 0.5	5	10/16/23	Vinyl chloride	< 0.5	2	10/16/23
Chlorobenzene	< 0.5	100	10/16/23				
Chloroethane	<0.5	NR	10/16/23				

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

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

RADIOLOGICAL CONTAMINANTS (b)

Analyte (Units)	Results	MCL	Date
Compliance Gross Alpha (pCi/L)	<3	15	10/11/23
Radium 226 & 228 (pCi/L)	<1	5	10/11/23
Uranium (µg/L)	2.9	30	2/11/21

FIRST DRAW LEAD AND COPPER (a)

Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0	15	2021
Copper (mg/L) 90th percentile sample	0.043	1.3	2021

INORGANIC CONTAMINANTS (b)

Analyte	Results	MCL	Date
Antimony (mg/L)	<0.001	0.006	10/4/22
Arsenic (mg/L)	0.0013	0.01	10/4/22
Barium (mg/L)	0.0037	2	10/4/22
Beryllium (mg/L)	<0.001	0.004	10/4/22
Cadmium (mg/L)	<0.001	0.005	10/4/22
Chromium (mg/L)	<0.001	0.1	10/4/22
Fluoride (mg/L)	0.66	4	10/4/22
Mercury (mg/L)	<0.0001	0.002	10/4/22
Nitrate-N (mg/L)	< 0.2	10	10/4/22
Nitrite-N (mg/L)	< 0.2	1	10/4/22
Selenium (mg/L)	<0.001	0.05	10/4/22
Thallium (mg/L)	<0.001	0.002	10/4/22
Cyanide (mg/L)	<0.02	0.2	10/4/22

SECONDARY CONTAMINANTS (b) - AESTHETIC

Analyte	Results	SMCL	Date
Chloride (mg/L)	3	250	10/4/22
Fluoride (mg/L)	0.66	2	10/4/22
Iron (mg/L)	<0.2	0.3	12/6/23
Manganese (mg/L)	0.066	0.05	12/6/23
pH (Standard Units)	8.07	6.5 – 8.5	10/4/22
Sulfate (mg/L)	9	250	10/4/22
Zinc (mg/L)	0.0031	5	10/4/22

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
Hexafluoropropylene oxide dimer acid (HFPO-DA) (ng/L)	<2.00	NR	5/30/23
Perfluorobutanesulfonic acid (PFBS) (ng/L)	<2.00	NR	5/30/23
Perfluorohexanesulfonic acid (PFHxS) (ng/L)	<2.00	18	5/30/23
Perfluorononanoic acid (PFNA) (ng/L)	<2.00	11	5/30/23
Perfluorooctanesulfonic acid (PFOS) (ng/L)	<2.00	15	5/30/23
Perfluorooctanoic acid (PFOA) (ng/L)	<2.00	12	5/30/23

UNREGULATED CONTAMINANTS (b)

Analyte (Units)	Results	Date
Alkalinity as $CaCO_3$ (mg/L)	85	10/4/22
Calcium (mg/L)	19.5	10/4/22
Copper (mg/L)	0.0013	10/4/22
Hardness, Total as $CaCO_3$ (mg/L)	68	12/6/23
Magnesium (mg/L)	3.4	10/4/22
Nickel (µg/L)	<0.001	10/4/22
Radon Gas (pCi/L)	560	7/14/21
Sodium (mg/L)	9.4	10/4/22

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, Water Supply Manager, at 1-603-913-2377 or 1-800-553-5191.

Visit the state website for the Sunrise Estates system at
https://www4.des.state.nh.us/DESOneStop/PWSDetail.aspx?ID=1542030

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.