

# Vermont's Guide to Fluoride Levels in Public Water Systems and the Fluoride in Well Water Testing Program 2024 Edition

Prepared by the Office of Oral Health Vermont Department of Health



### The Purpose of this Guide

This booklet provides information on the fluoride levels in public water systems in Vermont and information about Vermont's Fluoride in Well Water Testing Program. It's designed to help public health professionals, health care providers, and the public make informed decisions about oral health.

### **Community Water Fluoridation Systems**

All water, including ground, surface, and sea water has fluoride, but the level is usually less than optimal to help prevent tooth decay. Community water fluoridation is the adjustment of natural fluoride levels to 0.70 mg/L; the optimal level to prevent tooth decay recommended by the U.S. Department of Health and Human Services (HHS).

Americans have access to more sources of fluoride than they did when water fluoridation was first introduced in the United States in the 1940s, including dental products such as toothpaste and mouth rinses, prescription fluoride supplements, and fluoride applied by dental or medical professionals. Water fluoridation and fluoride toothpaste are largely responsible for the significant decline in tooth decay in the U.S. over the past several decades. However, tooth decay is still a very common, chronic, preventable disease that affects all ages. Tooth decay impacts employment, social development, self-esteem, and overall quality of life. *To learn more about Fluoride in Vermont, visit the Health Department Fluoride webpage:* 

http://www.healthvermont.gov/wellness/oral-health/fluoride

### **Vermont's Public Water Systems**

**Table 1: Public Community Water Systems in Vermont identified as Fluoridated or non-Fluoridated** *Data Source: VT Safe Drinking Water Information System* 

	Number of Systems	Population Served
Fluoridated		
<ul> <li>Adjusted</li> </ul>	29	251306
<ul> <li>Natural</li> </ul>	5	442
• Consecutive	43	97482
Non-Fluoridated	359	125093
Total	436	474323

A public water supply is considered a public water system if it has a minimum of 15 service connections used by year-round residents or regularly serves at least 25 year-round residents. Examples include towns and cities, homeowners' associations, hospitals, fire districts, mobile home parks, nursing homes, etc.

#### Systems in the Guide are labeled adjusted, consecutive, natural, or non-adjusted:

**Adjusted (A):** A water system that adds fluoride to achieve an optimal fluoride level of 0.70 mg/L. <u>CDC Guidelines</u>: "The CDC recommends an asymmetrical operational control range of 0.6 mg/L to 1.0 mg/L in order for public water systems to consistently meet the recommended concentration of 0.7 mg/L."

**Consecutive (C):** A water system that purchases water from another water system that has fluoridated water. These water systems are optimally fluoridated if the original (i.e., parent) system is optimally fluoridated. No additional fluoride is added to the consecutive system.

**Natural (N):** A water system that has a natural fluoride concentration at or above 0.60 mg/L. No fluoride is added to the system.

**Non-Adjusted (NA):** A water system that has a natural fluoride level at or below 0.59 mg/L. No fluoride is added.

The following table lists the water systems that participate in Community Water Fluoridation, and the year it was initiated.

Table 2: Vermont Communities that Fluoridate and Year Initiated		
Water System	Initiation Year	
Alburgh Village	2014	
Barre City and Barre Town	1968	
Bellows Falls	1968	
Bradford Village	1971	
Burlington	1953	
Champlain Water District (comprised of 8 member communities)	1973	
Enosburg Falls	1976	
Hinesburg	2000	
Jericho Underhill	1973	
Ludlow Village	1996	
Middlebury	1972	
Montpelier and Berlin	1972	
Morrisville	1970	
Newbury Village	1987	
Newport City	1969	

Table 2: Vermont Communities that Fluoridate and Year Initiated		
Northfield	1976	
Norwich	1971	
Orleans Village	1969	
Poultney	1978	
Proctor	1963	
Randolph Village	1998	
Richmond	1983	
Rutland City and 4 Rutland Systems	1983	
Springfield	1976	
St. Albans City	1983	
St. Johnsbury	1983	
Swanton Village	1969	
Vergennes Panton	1973	
Waterbury (Edward Farrar Utility District)	1968	

### **Important Information in this Guide:**

#### Fluoride in Well Water Testing Program section:

• Pages 5-6 includes information about the Fluoride in the Well Water Testing Program. This program is for families who have a private water source (i.e., their water source is not listed here) and a child under the age of four. Find the form here.

#### Fluoride Levels in Public Water Systems section:

- Pages 7-26 includes information about fluoride levels in public water systems. Systems
  are listed in alphabetical order by town. Information includes population served, and
  fluoride level. For systems that do not have fluoridated water, the fluoride level from
  the Safe Drinking Water Information System is listed. Systems that have fluoridated
  water (either adjusted or consecutive) have an asterisk next to them.
- For a more precise level of fluoride, check with the water system or the annual water quality report. Vermont's Water Supply Rule states that: "Public water systems which add fluoride to drinking water for dental health purposes, in addition to complying with the maximum contaminant levels established in Subchapter 21–6, shall control the level of fluoride in accordance with current Centers for Disease Control and Prevention guidelines." CDC Guidelines: "The CDC recommends an asymmetrical operational control range of 0.6 mg/L to 1.0 mg/L in order for public water systems to consistently meet the recommended concentration of 0.7 mg/L."

#### **Health Care Providers' responsibilities:**

- Determine the existing fluoride content in a families' primary source of water (either through this guide or a test) before prescribing fluoride supplements.
- Consider the water source for infants and children in daycare facilities and schools before prescribing supplements.
- Refer to the Dietary Fluoride Supplement Schedule for prescription guidelines (Table 3).

#### **Dietary Fluoride Supplement Schedule:**

Table 3: Fluoride Ion in Drinking Water (mg/L)				
Age Less than 0.30-0.60 ppm Greater than				
	0.30 ppm		0.60 ppm	
Birth-6 months	No supplements	No supplements	No supplements	
6 months-3 years	0.25 mg/day	No supplements	No supplements	
3–6 years	0.50 mg/day	0.25 mg/day	No supplements	
6–16 years	1.00 mg/day	0.50 mg/day	No supplements	

Source: American Academy of Pediatric Dentistry, 2023

To obtain the benefits from fluoride supplements, long-term compliance daily is required.

#### Frequently Asked Questions about Fluoride in the Well Water Testing Program:

#### 1. Why test a private water supply?

It is very important that prescriptions are **not** written for children who may already be receiving high levels of naturally fluoridated water. If a family gets their water from a private water source, the only way to know whether a child needs a fluoride prescription is to test the water for its level of natural fluoride **before** prescriptions for supplements are written. There are geographic areas in Vermont where the naturally occurring fluoride level in the groundwater exceeds the secondary contaminant level for fluoride (2.0 mg/L). In this case, the Health Department recommends a reverse osmosis water filtration system to reduce fluoride exposure.

#### 2. How do I test a private water supply?

The Public Health Laboratory will test fluoride for free in small systems, well water or springs for families with children ages four years or younger through the **Fluoride in Well Water Testing Program**. The Public Health Laboratory will test fluoride levels for a fee for families with children ages four or older. Any other certified laboratory for water analysis can also test for fluoride levels.

# 3. If I have a patient with a private water supply and a child under age four, where can I get a copy of the Fluoride in Well Water Test Form?

To access the Fluoride in Well Water Test Form, visit: <a href="https://www.healthvermont.gov/sites/default/files/document/hpdp-fluorideinwellwaterform.pdf">https://www.healthvermont.gov/sites/default/files/document/hpdp-fluorideinwellwaterform.pdf</a>

## 4. What else should people who drink water from private water systems test their water for?

If you are on a private well or spring, the Health Department recommends testing your water regularly using these three test kits, called the Vermont Homeowner Testing Package:

- Total coliform and *E.coli* bacterial test **every year**
- Inorganic chemicals test every five years
- Gross alpha radiation screening every five years

You can order the **Vermont Homeowner Testing Package** for \$159 or individual drinking water test kits from the Health Department Laboratory at 800-660-9997 or 802-338-4724 – or use another certified drinking water lab.

To order a kit online or for more information on drinking water testing visit: <a href="http://www.healthvermont.gov/water/testing">http://www.healthvermont.gov/water/testing</a>

# 5. Is the public water in my community fluoridated? Please see Table 4, below.

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*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels <u>mg/L</u>
ALBANY		
Albany Water System (NA)	200	0.13
ALBURGH		
Alburgh Village Water System (A)	576	*
Alburgh Fire District 1 (NA)	87	0.10
South Alburg Fire District 2 (C: Alburgh Village)	300	*
ARLINGTON		
Arlington Water Co. (NA)	1230	0.10
BAKERSFIELD		
Bakersfield FD 1 (NA)	446	0.10
BARNARD		
Sonnenberg Water System (NA)	50	0.10
BARNET		
Barnet FD 2 (NA)	205	0.10
Passumpsic FD 1 (C: St. Johnsbury)	140	*
McIndoe Falls FD 3 (NA)	176	0.10
Karme Choling (NA)	140	0.51
BARRE CITY		
Barre City Water System (A)	14,000	*
Deep Rock Water FD 8 (C: Barre City)	75	*
BARRE TOWN		
Birchwood Park (NA)	30	0.10
Barre Town Water System (C: Barre City)	1,638	*
BARTON		
Barton Water System (NA)	950	0.10
Orleans Water System (A)	846	*
Maple Lane Nursing Home (C: Orleans Water Sys.)	181	*
BELLOWS FALLS		
Bellows Falls Water Dept. (A)	4,000	*
BENNINGTON		

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels <u>mg/L</u>
Bennington Water Dept (NA)	13,250	0.10
North Bennington Water Dept (NA)	1,700	0.10
West Road MHP (NA)	100	0.10
Gore Road MHP (NA)	100	0.20
Bennington College (NA)	1,000	0.20
Mountain View Court (NA)	53	0.10
East Mountain MHP (NA)	76	0.10
Willows MHP (NA)	63	0.10
Applegate Apartments (NA)	273	0.10
100 Mountain View Road Park (NA)	290	0.10
Leisure Lodge Corporation (NA)	75	0.10
White Birches MHP (NA)	125	0.10
Green Mountain MHP (NA)	110	0.10
Readsboro (NA)	375	0.10
Burdick MHP (NA)	21	0.10
BENSON		
Benson Heights (NA)	40	0.10
BERKSHIRE		
East Berkshire FD 1 (NA)	184	0.10
BERLIN		
Berlin Town Water System (C: Montpelier)	139	*
Berlin MHP (C: Montpelier)	70	*
Westons MHP (NA)	218	0.10
RMC MHP (NA)	40	0.10
Berlin Health Rehabilitation (NA)	378	0.20
Central Vermont Medical Center (C: Montpelier)	1,528	*
Berlin Municipal Water System (NA)	300	0.10
BETHEL		
Bethel Water Dept (NA)	1929	0.10
BLOOMFIELD		
Bloomfield Water System (NA)	50	0.37
BOLTON		
Bolton Community Water System (NA)	1,030	0.10

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
Fernwood Manor MHP (NA)	250	0.10
Country Club Condominium (NA)	80	0.10
BRADFORD VILLAGE		
Bradford Village Water System (A)	1,512	*
BRAINTREE		
Mobile Acres MHP (NA)	252	0.10
BRANDON		
Brandon Fire District 1 (NA)	3963	0.10
BRATTLEBORO		
Brattleboro Water Dept (NA)	12,200	0.10
Glen Run Condominium (NA)	100	0.10
Deepwood Park (NA)	90	0.10
Black Mountain Park (NA)	50	0.10
Glen Park (NA)	55	0.10
BRIDGEWATER		
Bridgewater Mill (NA)	108	0.10
BRIDPORT		
Tri Town Water District (NA)	3,800	0.10
BRIGHTON	,	
Brighton Water System (NA)	1,782	0.10
	1,702	0.10
BRISTOL  Dirictel Water Dept (NA)	2.102	0.10
Bristol Water Dept (NA) Woodland Apartments (NA)	2,103	0.30
Kilbourn MHP (NA)	118	0.10
KIIDOUTT IVITIF (IVA)	118	0.10
BURKE		
Burke FD 1 (NA)	142	0.10
Burke Mountain Water Co (NA)	1,058	0.47
West Burke Housing (NA)	40	0.28
BURLINGTON		
Burlington Dept. Public Works Water Div. (A)	42,000	*
North Ave Co-op (C: Burlington Water Dept.)	301	*

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels <u>mg/L</u>
CABOT		
Cabot Town Water System (NA)	250	0.10
CALAIS		
East Calais FD 1 (NA)	200	0.10
CAMBRIDGE		
Cambridge Village Water (NA)	262	0.10
Jeffersonville Water System (NA)	700	0.10
Smugglers Notch Water System (NA)	2,960	0.25
CANAAN		
Canaan Fire District 1 (NA)	970	0.10
Canaan FD # 2 (NA)	350	0.10
CASTLETON		
Castleton FD 1 (NA)	1,940	0.10
Castleton Meadows (NA)	107	0.04
Parson Hill Partnership (NA)	32	0.11
Windy Hollow MHP (NA)	118	0.22
Fort Warren MHP (NA)	129	0.10
Castleton Fire District 3 (NA)	500	0.10
CAVENDISH		
Cavendish Town Water System (NA)	950	0.10
CHARLOTTE		
Pine Ridge Water System (NA)	46	0.26
Wildwood West (N)	65	1.0
West Wind Water System (NA)	64	0.10
Common Pastures HOA (NA)	69	0.26
CHELSEA		
Chelsea Water System (NA)	450	0.10
Chelsea Elderly Housing (NA)	68	0.40
Chelsea Family Housing (NA)	44	0.10
CHESTER		
Chester Water Dept (NA)	3,200	0.10

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels <u>mg/L</u>
CLARENDEN		
Coburn MHP (NA)	126	0.10
COLCHESTER		
Hillcrest MHP Inc (C: CWD)	615	*
Colchester FD 1 (C: CWD)	2,066	*
Colchester FD 2 (C: CWD)	8,300	*
Colchester FD 3 (C: CWD)	7,733	*
Chimney Hill Colchester (NA)	42	0.34
North Harbor (NA)	220	0.20
Malletts Bay Water Co. (C: CWD)	533	*
Westbury Park (C: CWD)	663	*
Windemere MHP (C: CWD)	199	*
CONCORD		
CONCORD	60	0.20
Concord Estates MHP, LLC. (NA)	60	0.20
COVENTRY		
Coventry Fire District 1 (NA)	251	0.10
CRAFTSBURY		
Craftsbury Fire District 2 (NA)	420	0.10
oranissan y The Bistinet 2 (TW y	120	0.10
DANBY		
Danby Mount Tabor FD 1 (NA)	385	0.10
DANVILLE		
Danville Fire District 1 (NA)	500	0.20
DERBY		
Shattuck Hill MHP (NA)	129	0.10
Derby MHP (NA)	265	0.10
Derby Line Village Water District (NA)	897	0.10
Derby Center Water System (NA)	1,400	0.10
	1,400	0.10
DORSET		
Dorset FD 1 (NA)	530	0.10
East Dorset Fire District 1 (NA)	192	0.10
Dorset Community Housing (NA)	50	0.10

Public Water System by Town	*Table 4: Fluoride Levels in Public Water S	ystems by Towi	า
Mount Snow Village Association (NA)	Public Water System by Town	- I	Fluoride Levels mg/L
Dover Green Condominium (NA)	DOVER		
Suntec Forest Condominium (NA) 240 0.  Snowtree Condominium (NA) 302 0.  Tara Townhouses (NA) 48 0.  Butterfield Common Senior Housing (NA) 105 0.  Beutlerfield Common Senior Housing (NA) 105 0.  Bears Crossing Water System (NA) 333 0.  Timbercreek Condominium (NA) 1,116 0.  Snow Mountain Village (NA) 210 0.  Greensprings (NA) 485 0.  Seasons on Mount Snow (NA) 623 0.  Deer Creek Condominiums (NA) 97 0.  Wountaindale (NA) 48 0.  Village at Sawmill Farms (NA) 48 0.  Village at Sawmill Farms (NA) 49 0.  Kingswood At Mount Snow (NA) 96 0.  DUMMERSTON 200  Charette Water System (NA) 37 0.  DUXBURY Patterson MHP (C: Edward Farrar Utility District Waterbury) 250  DUXBURY Patterson MHP (C: Edward Farrar Utility District Waterbury) 250  EAST HAVEN Aqua Haven (N) 150 0.  EAST MONTPELIER Crystal Springs Water System (NA) 130 0.  Northwood Village Apartments (NA) 130 0.  Northwood Village Apartments (NA) 130 0.  ELMORE  Elmore Water District (NA) 32 0.	Mount Snow Village Association (NA)	123	0.10
Snowtree Condominium (NA)   302   0.	Dover Green Condominium (NA)	157	0.10
Tara Townhouses (NA)	Suntec Forest Condominium (NA)	240	0.26
Butterfield Common Senior Housing (NA) 105 0. Boulder Ridge at Mount Snow (N) 131 0. Bears Crossing Water System (NA) 333 0. Timbercreek Condominium (NA) 1,116 0. Snow Mountain Village (NA) 210 0. Greensprings (NA) 485 0. Greensprings (NA) 485 0. Deer Creek Condominiums (NA) 623 0. Mountaindale (NA) 48 0. Mountaindale (NA) 48 0. Willage at Sawmill Farms (NA) 40 0. Willage at Sawmill Farms (NA) 40 0. Outlook at Mount Snow (NA) 96 0. DUMMERSTON 250 Charette Water System (NA) 37 0. DUXBURY 250 DUXBURY 250 DUXBURY 250 DUXBURY 37 0. EAST HAVEN Aqua Haven (N) 150 0. EAST MONTPELIER Crystal Springs Water System (NA) 300 0. Sandy Pines MHP (NA) 100 0. Northwood Village Apartments (NA) 130 0. ELIMORE Elmore Water District (NA) 32 0.	Snowtree Condominium (NA)	302	0.10
Boulder Ridge at Mount Snow (N)	Tara Townhouses (NA)	48	0.10
Bears Crossing Water System (NA)   333   0.	Butterfield Common Senior Housing (NA)	105	0.20
Timbercreek Condominium (NA) 1,116 0.  Snow Mountain Village (NA) 210 0.  Greensprings (NA) 485 0.  Seasons on Mount Snow (NA) 623 0.  Deer Creek Condominiums (NA) 97 0.  Mountaindale (NA) 48 0.  Village at Sawmill Farms (NA) 40 0.  Kingswood At Mount Snow (NA) 425 0.  Outlook at Mount Snow (NA) 96 0.  DUMMERSTON  Charette Water System (NA) 37 0.  DUXBURY  Patterson MHP (C: Edward Farrar Utility District Waterbury) 55  Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury) 250  EAST HAVEN  Aqua Haven (N) 150 0.  EAST MONTPELIER  Crystal Springs Water System (NA) 300 0.  Sandy Pines MHP (NA) 100 0.  Northwood Village Apartments (NA) 130 0.  ELMORE  Elmore Water District (NA) 32 0.	Boulder Ridge at Mount Snow (N)	131	0.61
Snow Mountain Village (NA)   210   0.	Bears Crossing Water System (NA)	333	0.13
Seasons on Mount Snow (NA)	Timbercreek Condominium (NA)	1,116	0.10
Seasons on Mount Snow (NA)         623         0.           Deer Creek Condominiums (NA)         97         0.           Mountaindale (NA)         48         0.           Village at Sawmill Farms (NA)         40         0.           Kingswood At Mount Snow (NA)         425         0.           Outlook at Mount Snow (NA)         96         0.           DUMMERSTON         37         0.           Charette Water System (NA)         37         0.           DUXBURY         Patterson MHP (C: Edward Farrar Utility District Waterbury)         250           Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury)         250           EAST HAVEN         300         0.           Aqua Haven (N)         150         0.           EAST MONTPELIER         0.         0.           Crystal Springs Water System (NA)         300         0.           Sandy Pines MHP (NA)         100         0.           Northwood Village Apartments (NA)         130         0.           ELMORE         Elmore Water District (NA)         32         0.	Snow Mountain Village (NA)	210	0.14
Deer Creek Condominiums (NA)   97   0.	Greensprings (NA)	485	0.10
Mountaindale (NA) 48 0.  Village at Sawmill Farms (NA) 40 0.  Kingswood At Mount Snow (NA) 425 0.  Outlook at Mount Snow (NA) 96 0.  DUMMERSTON  Charette Water System (NA) 37 0.  DUXBURY  Patterson MHP (C: Edward Farrar Utility District Waterbury) 55  Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury) 250  EAST HAVEN  Aqua Haven (N) 150 0.  EAST MONTPELIER  Crystal Springs Water System (NA) 300 0.  Sandy Pines MHP (NA) 100 0.  Northwood Village Apartments (NA) 130 0.  ELMORE  Elmore Water District (NA) 32 0.  ENOSBURG	Seasons on Mount Snow (NA)	623	0.10
Village at Sawmill Farms (NA) 40 0.  Kingswood At Mount Snow (NA) 425 0.  Outlook at Mount Snow (NA) 96 0.  DUMMERSTON  Charette Water System (NA) 37 0.  DUXBURY  Patterson MHP (C: Edward Farrar Utility District Waterbury) 55  Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury) 250  EAST HAVEN  Aqua Haven (N) 150 0.  EAST MONTPELIER  Crystal Springs Water System (NA) 300 0.  Sandy Pines MHP (NA) 100 0.  Northwood Village Apartments (NA) 130 0.  ELMORE  Elmore Water District (NA) 32 0.	Deer Creek Condominiums (NA)	97	0.17
Kingswood At Mount Snow (NA)  Outlook at Mount Snow (NA)  Outlook at Mount Snow (NA)  DUMMERSTON  Charette Water System (NA)  DUXBURY  Patterson MHP (C: Edward Farrar Utility District Waterbury)  Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury)  EAST HAVEN  Aqua Haven (N)  150  O.  EAST MONTPELIER  Crystal Springs Water System (NA)  Sandy Pines MHP (NA)  Northwood Village Apartments (NA)  130  O.  ELMORE  Elmore Water District (NA)  32  O.  ENOSBURG	Mountaindale (NA)	48	0.16
Outlook at Mount Snow (NA) 96 0.  DUMMERSTON  Charette Water System (NA) 37 0.  DUXBURY  Patterson MHP (C: Edward Farrar Utility District Waterbury) 55  Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury) 250  EAST HAVEN  Aqua Haven (N) 150 0.  EAST MONTPELIER  Crystal Springs Water System (NA) 300 0.  Sandy Pines MHP (NA) 100 0.  Northwood Village Apartments (NA) 130 0.  ELMORE  Elmore Water District (NA) 32 0.	Village at Sawmill Farms (NA)	40	0.10
DUMMERSTON Charette Water System (NA) Charette Water System (NA)  DUXBURY Patterson MHP (C: Edward Farrar Utility District Waterbury) Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury)  EAST HAVEN Aqua Haven (N)  EAST MONTPELIER Crystal Springs Water System (NA) Sandy Pines MHP (NA) Northwood Village Apartments (NA)  ELMORE Elmore Water District (NA)  ENOSBURG	Kingswood At Mount Snow (NA)	425	0.26
Charette Water System (NA)  DUXBURY Patterson MHP (C: Edward Farrar Utility District Waterbury)  EAST HAVEN Aqua Haven (N)  EAST MONTPELIER Crystal Springs Water System (NA) Sandy Pines MHP (NA) Northwood Village Apartments (NA)  ELMORE Elmore Water District (NA)  20  0.  27  0.  28  0.  29  0.  20  0.  20  20  21  22  0.  20  20  21  22  23  24  25  26  26  27  28  28  28  28  28  28  28  28  28	Outlook at Mount Snow (NA)	96	0.18
Patterson MHP (C: Edward Farrar Utility District Waterbury)  Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury)  EAST HAVEN  Aqua Haven (N)  150  0.  EAST MONTPELIER  Crystal Springs Water System (NA)  Sandy Pines MHP (NA)  Northwood Village Apartments (NA)  130  0.  ELMORE  Elmore Water District (NA)  32  0.	DUMMERSTON		
Patterson MHP (C: Edward Farrar Utility District Waterbury)  Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury)  EAST HAVEN  Aqua Haven (N)  EAST MONTPELIER  Crystal Springs Water System (NA)  Sandy Pines MHP (NA)  Northwood Village Apartments (NA)  ELMORE  Elmore Water District (NA)  ENOSBURG	Charette Water System (NA)	37	0.10
Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury)  EAST HAVEN  Aqua Haven (N)  EAST MONTPELIER  Crystal Springs Water System (NA)  Sandy Pines MHP (NA)  Northwood Village Apartments (NA)  ELMORE  Elmore Water District (NA)  ENOSBURG	DUXBURY		
EAST HAVEN  Aqua Haven (N)  EAST MONTPELIER  Crystal Springs Water System (NA)  Sandy Pines MHP (NA)  Northwood Village Apartments (NA)  ELMORE  Elmore Water District (NA)  Sandy Pines Mark (NA)  Sandy Pines MHP (NA)  Sa	Patterson MHP (C: Edward Farrar Utility District Waterbury)	55	*
Aqua Haven (N)  EAST MONTPELIER  Crystal Springs Water System (NA)  Sandy Pines MHP (NA)  Northwood Village Apartments (NA)  ELMORE  Elmore Water District (NA)  150  0.  0.  200  0.	Duxbury Moretown FD 1 (C: Edward Farrar Utility District Waterbury)	250	*
EAST MONTPELIER  Crystal Springs Water System (NA) 300 0. Sandy Pines MHP (NA) 100 0. Northwood Village Apartments (NA) 130 0.  ELMORE Elmore Water District (NA) 32 0.	EAST HAVEN		
Crystal Springs Water System (NA) 300 0. Sandy Pines MHP (NA) 100 0. Northwood Village Apartments (NA) 130 0.  ELMORE Elmore Water District (NA) 32 0.  ENOSBURG	Aqua Haven (N)	150	0.81
Sandy Pines MHP (NA)  Northwood Village Apartments (NA)  ELMORE  Elmore Water District (NA)  ENOSBURG	EAST MONTPELIER		
Northwood Village Apartments (NA) 130 0.  ELMORE  Elmore Water District (NA) 32 0.  ENOSBURG	Crystal Springs Water System (NA)	300	0.10
ELMORE Elmore Water District (NA) 32 0. ENOSBURG	Sandy Pines MHP (NA)	100	0.10
Elmore Water District (NA) 32 0.  ENOSBURG	Northwood Village Apartments (NA)	130	0.10
ENOSBURG	ELMORE		
	Elmore Water District (NA)	32	0.10
Enosburg Falls Water System (A) 1,700	ENOSBURG		*
Dairy Center (NA) 109 0.	Enosburg Falls Water System (A)  Dairy Center (NA)	1	0.13

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels <u>mg/L</u>
ESSEX		
Essex Town Water System (C: CWD)	9,734	*
Essex JCT Water Dept (C: CWD)	9,500	*
FAIR HAVEN		
Fair Haven Water Dep (NA)	3,076	0.10
	5,6.0	0.10
FAIRFAX		
Fairfax Water Dept. (NA)	1,550	0.10
Eastfield Condominium Assn Inc. (NA)	63	0.12
Fairfax Fire District 1 (NA)	80	0.10
Colonial Estates Homeowners Assn. (NA)	79	0.16
Fairfax Heights Water Company (NA)	100	0.10
FAIRFIELD		
East Fairfield Fire District 1 (NA)	184	0.10
Fairfield FD 2 (NA)	126	0.10
FAIRLEE		
Fairlee Town Water (NA)	967	0.10
FAYSTON		
Sugar Run Association, Inc. (NA)	197	0.10
Battleground Condominium (NA)	166	0.25
Fiddlehead Condominiums (NA)	60	0.10
Snowside Condominium (NA)	63	0.18
FRANKLIN	400	0.10
Franklin Water System (NA)	400	0.10
GEORGIA		
South Georgia FD (NA)	500	0.15
Rhodeside Acres (NA)	65	0.14
Georgia Station (NA)	120	0.36
GLOVER		
Union House Nursing Home (NA)	56	0.10
GRAND ISLE		3.23
Grand Isle Fire District 4 (NA)	1,078	0.10

Public Water System by Town	Population Served	Fluoride Levels mg/L
Grand Isle Consolidated Water District (NA)	1,600	0.10
GRANITEVILLE		
Graniteville FD 4 (NA)	700	0.10
GREENSBORO		
Greensboro Fire District 1 (NA)	551	0.10
Greensboro Bend Fire District 2 (NA)	71	0.10
Greensboro Bena Fire District 2 (NA)	71	0.10
GUILDHALL		
Guildhall Water System (NA)	136	0.20
HARDWICK		
East Hardwick Fire District 1 (NA)	350	0.10
Hardwick Town Water System (NA)	1,900	0.10
HARTFORD		
Hartford Water Dept (NA)	7,600	0.10
Birchwood Condominium Association (NA)	63	0.10
Tall Timbers MHP (NA)	275	0.10
Woodside Manor (NA)	240	0.10
Merrimac Manor MHP (NA)	122	0.20
Olcott Falls Manor MHP (NA)	104	0.10
Sterling Spring (NA)	200	0.10
Chambers Mobile Home Village (NA)	150	0.10
Quechee Central (NA)	2,262	0.10
HARTLAND		
Cobb Hill Cohousing Inc. (NA)	41	0.10
North Hartland Coop Water System		
Inc. (NA)	262	0.10
HINECOLIDO		
HINESBURG Hinesburg Water Dept (A)	2,800	*
Sunset Lake Villa MHP (C: Hinesburg)	122	*
Mountain View MHP (C: Hinesburg)	125	*
Lyman Meadows (NA)	212	0.11
Orchard Common (NA)	64	0.10

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
Huntington Fire District 1 (NA)	120	0.10
HYDE PARK		
Hyde Park Fire District 1 (NA)	275	0.10
Hyde Park Water System (NA)	462	0.10
Sterling View Senior MHP (NA)	290	0.10
IRASBURG		
Irasburg FD 1 (NA)	200	0.10
JAMAICA		
Bear Creek Condominium (NA)	116	0.10
IAV		
Jay Peak Water System (NA)	6,740	0.10
Jay Peak Subdivision II (NA)	66	0.10
JERICHO		
Village of Jericho Water System (C: CWD)	1,410	*
Jericho Heights Water Coop (NA)	40	0.22
Jericho Fire District 1 (NA)	190	0.10
Jericho East Homeowners Association (NA)	300	0.10
JOHNSON		
Johnson Village Water Dept. (NA)	1,350	0.10
Mountain View MHP (NA)	75	0.10
KILLINGTON		
Fall Line Town Houses (NA)	116	0.10
Pico Village Water Corp. (NA)	89	0.10
Edgemont Condominiums (NA)	108	0.10
Whiffletree Condominium (NA)	189	0.11
Mountain Green Condominium (NA)	1,300	0.10
Pinnacle Condominium (NA)	400	0.10
Northbrook Country Estates (NA)	60	0.20
Telemark Village (NA)	82	0.13
Moon Ridge Condominium (NA)	94	0.11
Trail Creek Condominium (NA)	212	0.10
Wintergreen at Killington (NA)	50	0.10

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
Northside Condominium (NA)	32	0.20
Sunrise Community Water System (NA)	829	0.10
Glaze Brook (NA)	220	0.11
Valley Park Condominium (NA)	42	0.10
Woods at Killington (NA)	280	0.10
Hemlock Ridge Condominium (NA)	63	0.10
Killington High Ridge Condominium (NA)	500	0.10
Killington Upland Water Co., Inc. (NA)	518	0.25
Killington Gateway II Condo Assoc In (NA)	73	0.10
Winterberry Condos (NA)	31	0.10
LONDONDERRY		
Magic Village Water Coop (NA)	308	0.10
Smith Haven Center (NA)	36	0.10
Trailside at Magic Mountain (NA)	150	0.10
Mountain Side Condominium (NA)	45	0.11
LUDLOW		
Ludlow Village Water Dept (A)	2,818	*
Okemo Village Condominiums (NA)	180	0.10
Okemo Trailside Condominium (NA)	540	0.10
Alpen Meadows (NA)	112	0.10
Bull Run (NA)	420	0.10
Winterplace Water System (NA)	700	0.10
Tuckerville MHP (NA)	60	0.10
Ledgewood (NA)	292	0.10
Black River Overlook (NA)	66	0.10
Jackson Gore Okemo (NA)	1,695	0.10
South Face Village at Okemo (NA)	70	0.10
Divided Sky Foundation (NA)	75	0.10
Solitude Water System (NA)	976	0.10
LUNENBURG		
Lunenburg Fire District 1 (NA)	250	0.14
Lunenburg Fire District 2 (NA)	400	0.10
LYNDON		
Lyndonville Water System (NA)	4,500	0.10
Lyn Haven Fire District 1 (NA)	100	0.11

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
Northeast Kingdom MHP (NA)	156	0.10
MANCHESTER		
Manchester Water Dept (NA)	4,140	0.10
Manchester MHP (NA)	100	0.10
Village at Eagle Rise (NA)	63	0.10
Ormsby Hill Water System (NA)	52	0.10
MARSHFIELD		
Marshfield Water (NA)	350	0.21
MENDON		
Eastridge Acres Association (NA)	95	0.10
East Mountain Water Corp (NA)	34	0.14
Cortina Inn Resort (NA)	237	0.11
Killington Gateway 1 Condo Association (NA)	68	0.10
MIDDLEBURY		
East Middlebury FD 1 (NA)	642	0.10
Middlebury Water Dept (A)	9,370	*
MILTON		
Milton Water Dept (C: CWD)	8,000	*
Sunny Acres Development Water Assoc. (NA)	50	0.35
Milton Mobile Home Park (C: CWD)	260	*
MONTGOMERY		
Montgomery Water System (NA)	530	0.10
Alpine Haven (NA)	250	0.12
MONTPELIER		
Montpelier Water System (A)	8,912	*
MORETOWN		
Commons (NA)	79	0.10
Riverside MHP (NA)	30	0.10
MORRISTOWN		
Morristown Corner Water Corp (NA)	150	0.35
Pinecrest MHP (NA)	139	0.10

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
MORRISVILLE		
Morrisville Water and Light Dept (A)	2,935	*
NEWBURY		
Newbury Village Inc. (A)	480	*
Wells River Water System (NA)	490	0.10
NEWPORT		
Newport Center Water System (NA)	330	0.19
Newport City Water System (A)	4,766	*
Holbrook Bay Commons (NA)	95	0.16
NORTH HERO		
North Hero Water System (NA)	2750	0.10
NORTH TROY		
North Troy Water System (NA)	864	0.10
NORTHFIELD		
Northfield Water Department (A)	5,145	*
NORWICH		
Star Lake Village Leaseholders Association (NA)	50	0.10
Norwich Meadows (NA)	36	0.10
Norwich Fire District 1 (A)	870	*
ORLEANS		
Union House Nursing Home (NA)	56	0.10
PEACHAM		
Peacham FD 1 (NA)	150	0.10
PERU		
Bromley Water Co. (NA)	4,300	0.10
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PITTSFORD  Districted Clarance Water Department (NA)	4.053	0.40
Pittsford Florence Water Department (NA) Wintergroup at Killington (NA)	4,852	0.10
Wintergreen at Killington (NA)	50	0.10
PLAINFIELD		
Plainfield Water System (NA)	985	0.10

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
PLYMOUTH		
Round Top (NA)	240	0.10
Ledges System 1 (NA)	252	0.10
Birch Landing Condominium (NA)	82	0.10
POULTNEY		
Poultney Water Dept (A)	2,400	*
POWNAL		
Lampman Water System (NA)	133	0.10
Royal Pine Villa (NA)	55	0.10
Pownal Fire District 2 (NA)	400	0.10
Pownal Fire District 3 (NA)	60	0.10
Alta Gardens Estates (NA)	147	0.10
Evergreen MHP (NA)	50	0.10
PROCTOR		
Proctor Water Department (A)	2,000	*
PUTNEY		
Putney School (NA)	310	0.10
Putney Water System (NA)	1,300	0.10
QUECHEE		
Quechee Central (NA)	2,262	0.10
RANDOLPH		
Randolph Center Water System (NA)	1,138	0.10
Randolph Village (A)	2,700	*
Greenes MHP (NA)	39	0.10
Armstrong MHP (NA)	45	0.10
READSBORO		
Readsboro Town (NA)	375	0.10
RICHFORD		
Richford Water System (NA)	3,000	0.10
RICHMOND		
Richmond Water Dept (A)	1,048	*
Riverview Commons (NA)	388	0.10

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
Richmond Fire District 1 (NA)	56	0.13
ROCHESTER		
Rochester Water System (NA)	440	0.10
ROCKINGHAM		
Vermont Academy (NA)	305	0.10
Northshore MHP (NA)	63	0.10
Warner Place Water System (NA)	42	0.14
ROYALTON		
Royalton Fire District 1 (NA)	1,500	0.10
Royalton Terrace (NA)	60	0.10
RUTLAND CITY		
Rutland City Water Department (A)	18,500	*
RUTLAND TOWN	,	
Colonial Estates Water Corp (NA)	300	0.10
Fort Warren MHP (NA)	129	0.10
Rutland Town Fire District I (NA)	401	0.10
Rutland Town Fire District 4 (C: Rutland City)	136	*
Heritage Hill Association (C: Rutland City)	102	*
Meadows - Gables I Water System (C: Rutland City)	310	*
The Gables 21052 (C: Rutland City)	324	*
Winterberry Condos (NA)	31	0.10
Benson Heights (NA)	40	0.10
Grandview Acres Coop (NA)	102	0.10
West Rutland Town (NA)	2,400	0.10
Rutland Town Fire District 5 (NA)	110	0.10
Rutland Town Fire District 6 (NA)	137	0.10
Gables II Water System (NA)	22	0.10
Rutland Town Fire District 11 (C: Rutland City)	29	*
RYEGATE		
Ryegate Fire District 2 (NA)	131	0.10
SHAFTSBURY		
Shaftsbury Water System (NA)	950	0.20

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels <u>mg/L</u>
SHEFFIELD		
Sheffield Fire District (NA)	50	0.10
SHELBURNE		
Shelburne Water Dept (C: CWD)	5,764	*
Livingston MHP (C: CWD)	50	*
Shelburne Farms (C: CWD)	235	*
Wake Robin Corp (C: CWD)	519	*
SHELDON		
Sheldon Water System (NA)	480	0.10
SHREWSBURY		
Cuttingsville Fire District (NA)	108	0.11
Spring Lake Ranch Inc. (NA)	70	0.10
SOUTH BURLINGTON		
South Burlington Fire District (NA)	250	0.17
South Burlington Water City System (C: CWD)	19,500	*
Champlain Water District (A)	1	*
SOUTH HERO		
South Hero Fire District 4 (NA)	760	0.10
SPRINGFIELD		
Springfield Water Dept. (A)	9,800	*
Windy Hill Acres MHP (NA)	139	0.10
ST ALBANS CITY		
St Albans Water Department (A)	10,200	*
Brierwood MHP (C: St Albans)	85	*
ST GEORGE		
St George Fire District 1 (NA)	42	0.10
St George Fire District 2 (NA)	72	0.10
St George Community Cooperative (NA)	420	0.10
ST JOHNSBURY		
St Johnsbury Water System (A)	5,000	*
St Johnsbury Center FD 1 (C: St Johnsbury W.S.)	370	*

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
Green Lantern MHP (C: St Johnsbury W.S.)	120	*
STARKSBORO		
Starksboro Village Water Coop (NA)	350	0.10
Brookside MHP (NA)	135	0.10
Lazy Brook MHP (NA)	205	0.10
STOCKBRIDGE		
Chalet Village (NA)	88	0.05
STOWE		
Stowe Water Department (NA)	3,600	0.10
Mountainside Resort (NA)	240	0.10
Stowe F D 2 Gold Brook Circle (NA)	86	0.10
Mansfield View Water Corp (NA)	121	0.10
Topnotch (NA)	350	0.20
Stowe Fire District 4 (NA)	120	0.10
River Road Apartments (NA)	50	0.10
Notchbrook Condominium (NA)	201	0.10
Birch Hill Water System (NA)	45	0.10
Covered Bridge Highland (NA)	40	0.11
Notchbrook III (NA)	39	0.10
STRATTON		
Windhall Stratton FD 1 (NA)	6,200	0.10
SUTTON		
Sutton Water System (NA)	185	0.10
SWANTON		
Swanton Village Water (A)	4000	*
Sunset Terrace Estates (NA)	45	0.10
Homestead Acres MHP (NA)	81	0.11
THETFORD		0.11
Thetford Water Coop Inc. (NA)	115	0.10
Union Water Co. (NA)	61	0.10
East Thetford Water Co. (NA)	250	0.10
TOWNSHEND		

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
Valley Care Inc. (NA)	92	0.20
TROY		
Troy Water System (NA)	315	0.10
North Troy Water System (NA)	864	0.10
UNDERHILL		
Jericho-Underhill Water (A)	825	*
Constitution (1.7)		
VERGENNES		
Vergennes-Panton Water Dis. (A)	5,100	*
Otter Creek MHP (C: Vergennes-Panton)	180	
VERNON		
Vernon Green Nursing Home (N)	96	1.60
Vernon Hall (NA)	50	0.45
Huckle Hill Housing (NA)	49	0.29
WAITSFIELD		
Butternut Hill (NA)	82	0.10
Fly in Water System (NA)	37	0.18
Waitsfield Water Supply (NA)	450	0.15
WALLINGFORD		
Wallingford Fire District 1 (NA)	956	0.10
South Wallingford Co. (NA)	63	0.10
WARREN		
Mountain Water Co. (NA)	2,400	0.10
Drumleys Condominiums (NA)	92	0.30
Bridges Resort (NA)	440	0.22
Timberline Condominium Assoc. (NA)	50	0.12
Sterling Ridge Water (NA)	66	0.19
South Village (NA)	445	0.10
South Face (NA)	70	0.10
Club Sugarbush Water System (NA)	245	0.12
Farms at Club Sugarbush (NA)	48	0.10
Wheeler Brook Housing Development (NA)	47	0.30
WASHINGTON		

Population	
Served	Fluoride Levels mg/L
170	0.14
63	0.10
6,003	*
55	*
100	0.10
84	0.10
485	0.10
367	0.10
490	0.10
105	0.10
50	0.10
750	0.13
120	0.10
250	0.12
50	0.10
150	0.10
76	0.27
200	1.50
	63 6,003 55 100 84 485 367 490 105 50 750 120 250 50 150 76

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
WHEELOCK		
Wheelock Fire District 1 (NA)	50	0.10
WHITING		
Whiting Water Corp (NA)	61	0.10
WILLIAMSTOWN		
Williamstown Water Dept. (NA)	985	0.10
Limehurst MHP(NA)	87	0.10
WILLISTON		
Williston Water Dept (C: CWD)	7,259	*
Williston Fire District 1 (NA)	212	0.10
Oak Hill Estates (C: CWD)	52	*
WILMINGTON		
Wilmington Water Dist. (NA)	1,400	0.20
Chimney Hill (NA)	2,594	0.10
Cold Brook FD 1 (NA)	700	0.10
Cross Country (NA)	66	0.39
Cold Brook FD Base Area (NA)	761	0.44
Outlook at Mt Snow (NA)	96	0.18
WINDSOR		
Windsor Water Dept. (NA)	2,350	0.10
Mount Ascutney MHP (NA)	42	0.20
WINHALL ACRES		
Piper Ridge Condominium (NA)	362	0.10
Winhall Acres (NA)	84	0.10
Intervale at Stratton (NA)	241	0.10
Leisure Lodge Corporation (NA)	75	0.10
WINOOSKI		
Winooski Water Dept (C: CWD)	8,500	*
WOODSTOCK		
Riverside MHP (NA)	30	0.10
Woodstock Aqueduct Co. (NA)	2,473	0.10
Blake Hill (NA)	69	0.10

*Table 4: Fluoride Levels in Public Water Systems by Town		
Public Water System by Town	Population Served	Fluoride Levels mg/L
WORCESTER		
Worcester Fire District 1 (NA)	350	0.10

<sup>\*</sup>This system has fluoridated water; it's either an adjusted (A) or a consecutive (C) water system

**Adjusted (A):** A water system that adds fluoride to achieve an optimal fluoride level of 0.70 mg/L. <u>CDC Guidelines</u>: "The CDC recommends an asymmetrical operational control range of 0.6 mg/L to 1.0 mg/L in order for public water systems to consistently meet the recommended concentration of 0.7 mg/L."

**Consecutive (C):** A water system that purchases water from another water system. The consecutive water system has a water plant but does little or no treatment to the water. These water systems are optimally fluoridated if the original (i.e., parent) system is optimally fluoridated. No additional fluoride is added to the consecutive system.