

**2012 Southeastern Vermont Watershed Alliance  
Bi-weekly *E.coli* Level Report - Chart prepared June 29, 2012**

Recreational Sites or Swimming Holes	<i>Escherichia coli</i> ( <i>E. coli</i> ) per 100 ml. water		
	Site Code	June 13 <sup>1</sup>	June 27 <sup>2</sup>
<b>West River</b>			
Brattleboro, Milk House Meadows	West_.08	157	60
Brattleboro Professional Center	West_1.42	150	96
Dummerston covered bridge	West_6.4	116 & 141	55
Brookline bridge	West_13	134	57
Ellen Ware Road, swim hole	West_16	80	69
So. Londonderry, Rowes Road	West_36	<b>921*</b>	<b>345*</b>
So. Londonderry, village (above Rte 100 bridge)	West_36.1	<b>921*</b>	<b>299*</b>
Londonderry, below Mountain Marketplace	West_38.5	<b>727*</b>	<b>273* &amp; 249*</b>
<b>Rock River</b>			
Indian Love Call, above Rte 30 bridge	Rock_.38	<b>308*</b>	82
<b>North Branch Brook</b>			
Jamaica, Pike's Falls	NBranchBrk_4.5	NA	NT
<b>Williams River</b>			
Rockingham, Bartonville bridge	Williams_7.0	<b>1047* &amp; 1047*</b>	<b>&gt; 2420*</b>
Chester, Missing Link Rd. bridge	Williams_8.7	<b>1987*</b>	<b>249* &amp; 299*</b>
Chester, below WWTF	Williams_10.3	<b>1554*</b>	<b>&gt; 2420*</b>
Chester, Rainbow Rock swimming hole	Williams_10.7	NA	<b>329*</b>
Chester, above Middle Br. Wms. R. confluence	Williams_10.8	NA	215
<b>Middle Branch Williams River</b>			
Chester, just above confluence with Williams R.	MBrWilliams_.02	NA	<b>518*</b>
<b>Saxtons River</b>			
Bellows Falls/Westminster "sandy beach"	Saxtons_.19	<b>771*</b>	<b>239*</b>
Saxtons River, below WWTF	Saxton_5.0	NA	<b>262*</b>
Saxtons River, Stickney's field swimming hole	Saxton_5.6	<b>436*</b>	<b>249*</b>
<b>Whetstone Brook</b>			
Behind Brattleboro Food Coop	Whetstone_.2	<b>1987*</b>	NT
West Brattleboro, Dettman Drive	Whetstone_6.4	<b>345*</b>	65
Stark Rd., approx. 2 mi. W of Dettman Dr.	Whetstone_9.6	62	NT

\* = exceeds the standard, NA = Not Available, NT = Not Tested, WWTF = waste water treatment facility

\* **State of Vermont<sup>3</sup> & EPA National Standard for "suitability for swimming" (single sample) = No higher than 235 *Escherichia coli* (*E. coli*) organisms per 100 ml. of water sample. Results with a "\*" indicate that they exceed the "suitable for swimming" single sample standard. (>2420 indicates the *E. coli* count exceeded the upper limit of the test method used.)**

June 13<sup>1</sup>: elevated results this day may have been due to significant rainfall 18-24 hrs before sampling

**June 27<sup>2</sup>**: elevated results this day may be related to significant rainfall within 48 hrs before sampling

*E. coli* is a species of fecal coliform bacteria found in fecal material from humans and other warm-blooded animals.

The US EPA recommends *E. coli* as an indicator of health risk from water contact in recreational waters. Elevated *E.coli* levels are most likely due to excessive rain prior to sampling. Swim at your own discretion.

Changes in river conditions can alter bacterial levels over time.

Results are provided as a public service by Southeastern Vermont Watershed Alliance (SeVWA).

SeVWA's water quality monitoring program is supported by

State of VT's LaRosa Environmental Testing Laboratory, Connecticut River Watershed Council (CRWC), Green Mountain Coffee Roasters, some local municipalities and SeVWA members and volunteers.

*E. coli* info for State Parks and Army Corps of Engineers facilities is available through those agencies.

Note<sup>3</sup>: VT Dept. of Health (VTDOH) recently revised the standard for waters suitable for swimming.

The past standard was 77 *E. coli* /100 ml water. Revised standard is 235 *E. coli* per 100 ml water.

Go to <http://healthvermont.gov/enviro/water/recwater.aspx#guidance> for more info from VT DOH.

**Contact Laurie Callahan, SeVWA/WRWA Water Quality Monitoring Program Coordinator, for more info about SeVWA's monitoring program (802-258-1877)**

**Visit the SeVWA website to learn more about the organization, its mission and programs.**

<https://sites.google.com/site/vtsevwa/>