

**2012 Southeastern Vermont Watershed Alliance
Bi-weekly *E.coli* Level Report - Chart Updated July 13, 2012**

General Water Quality Monitoring, Recreational or Swimming Hole Sites	<i>Escherichia coli (E. coli)</i> per 100 ml. water			
	Site Code	June 13 ¹	June 27 ²	July 11 ³
West River				
Brattleboro, Milk House Meadows	West_08	157	60	10
Brattleboro Professional Center	West_1.42	150	96	25
Dummerston covered bridge	West_6.4	116 & 141	55	18
Brookline bridge	West_13	134	57	34
Ellen Ware Road, swim hole	West_16	80	69	41
So. Londonderry, Rowes Road	West_36	921*	345*	94 & 108
So. Londonderry, village (above Rte 100 bridge)	West_36.1	921*	299*	109
Londonderry, below Mountain Marketplace	West_38.5	727*	273* & 249*	86
Rock River				
Indian Love Call, above Rte 30 bridge	Rock_38	308*	82	29
North Branch Brook				
Jamaica, Pike's Falls	NBranchBrk_4.5	NA	NT	2 & 4
Williams River				
Rockingham, Bartonsville bridge	Williams_7.0	1047* & 1047*	> 2420*	156
Chester, Missing Link Rd. bridge	Williams_8.7	1987*	249* & 299*	276
Chester, below WWTF	Williams_10.3	1554*	> 2420*	126
Chester, Rainbow Rock swimming hole	Williams_10.7	NA	329*	130
Chester, above Middle Br. Wms. R. confluence	Williams_10.8	NA	215	210
Middle Branch Williams River				
Chester, just above confluence with Williams R.	MBrWilliams_02	NA	518*	326*
Saxtons River				
Bellows Falls/Westminster "sandy beach"	Saxtons_19	771*	239*	286* & 194
Saxtons River, below WWTF	Saxtons_5.0	NA	262*	124
Saxtons River, Stickney's field swimming hole	Saxton_5.6	436*	249*	109
Whetstone Brook				
Behind Brattleboro Food Coop	Whetstone_2	1987*	NT	326*
West Brattleboro, Dettman Drive	Whetstone_6.4	345*	NT	33
Stark Rd., approx. 2 mi. W of Dettman Dr.	Whetstone_9.6	62	NT	16

* = results exceed the standard, NA = Not Available, NT = Not Tested, WWTF = waste water treatment facility

**State of Vermont & 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 13¹: elevated results this day may have been due to significant rainfall 18-24 hrs before sampling

June 27²: elevated results this day may be related to significant rainfall within 48 hrs before sampling

July 11³: several days of hot, dry weather preceded this sampling day

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).

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

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.**



Supporting Local Communities



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