

**2017 White River Partnership Bacteria Data**

|   |                    |             |                          | 5/31/2017     | 6/14/2017     | 6/28/2017      | 7/12/2017     | 7/26/2017     | 8/9/2017      | 8/23/2017     | 9/6/2017      | 9/20/2017     |
|---|--------------------|-------------|--------------------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Weather within the past 24 hrs*</b>                          |                    |             |                          | Rain          | Sunny         | Scattered Rain |               |               |               |               |               |               |
| <b>West Hartford USGS gauge at 9am (CFS)**</b>                  |                    |             |                          | 2240          | 946           | 1140           |               |               |               |               |               |               |
| <b>West Hartford USGS gauge daily mean value (CFS)**</b>        |                    |             |                          | 1250          | 949           | 843            |               |               |               |               |               |               |
| <b>Rain Accumulation (in) in the last 24 hrs in Randolph***</b> |                    |             |                          | 0.25          | 0.00          | 0.02           |               |               |               |               |               |               |
| <b>Rain Accumulation (in) in the last 48 hrs in Randolph***</b> |                    |             |                          | 0.54          | 0.00          | 0.02           |               |               |               |               |               |               |
| <b>Conditions (wet or dry)****</b>                              |                    |             |                          | <i>Wet</i>    | <i>Dry</i>    | <i>Dry</i>     |               |               |               |               |               |               |
|   |                    |             |                          | <b>E-coli</b> | <b>E-coli</b> | <b>E-coli</b>  | <b>E-coli</b> | <b>E-coli</b> | <b>E-coli</b> | <b>E-coli</b> | <b>E-coli</b> | <b>E-coli</b> |
| <b>Tributary</b>  | <b>Site Number</b> | <b>Town</b> | <b>Site Name</b>         | <b>MPN</b>    | <b>MPN</b>    | <b>MPN</b>     | <b>MPN</b>    | <b>MPN</b>    | <b>MPN</b>    | <b>MPN</b>    | <b>MPN</b>    | <b>MPN</b>    |
| <b>Lower Main Stem</b>  | 1                  | Hartford    | Old River Rd             | 83.6          | 32.7          | 131.4          | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 2                  | W. Hartford | West Hartford Bridge     | 142.1         | 48.0          | 90.8           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 3                  | Sharon      | The Sharon Academy       | 193.5         | 60.9          | 98.5           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 4                  | Royalton    | Pinch Rock               | 124.6         | 39.9          | 55.6           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
| <b>Upper Main Stem</b>  | 5                  | Bethel      | Peavine Park-Bethel      | 34.5          | 13.5          | 24.6           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 6                  | Barnard     | Silver Lake              | 12.1          | 3.1           | 18.7           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 7                  | Stockbridge | Gaysville Bridge         | 0.0           | 6.3           | 35.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 8                  | Stockbridge | Mouth of Tweed           | 15.6          | 6.3           | 20.1           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 9                  | Stockbridge | Peavine Park-Stockbridge | 69.7          | 18.9          | 99.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 10                 | Rochester   | Lion's Club Park         | 59.4          | 36.4          | 52.1           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 11                 | Hancock     | Taylor Meadow Rd         | 27.5          | 32.7          | 13.5           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
| <b>First Branch</b>   | 12                 | Royalton    | Mouth of First Branch    | 307.6         | 66.3          | 178.5          | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 13                 | Tunbridge   | Tunbridge Fairgrounds S  | 127.4         | 579.4         | 105.0          | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 14                 | Tunbridge   | Town Pool Tributary      | 111.2         | 60.2          | 31.3           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 15                 | Chelsea     | Chelsea Rec Park         | 146.7         | 65.0          | 95.9           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
| <b>Second Branch</b>  | 16                 | Royalton    | Mouth of Second Branch   | 396.8         | 172.3         | 157.6          | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 17                 | Randolph    | Dugout Road              | 435.2         | 113.7         | 172.5          | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 18                 | Brookfield  | Sunset Lake              | 73.8          | 31.8          | 0.0            | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
| <b>Third Branch</b>   | 19                 | Bethel      | Mouth of Third Branch    | 272.3         | 71.7          | 98.5           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 20                 | Bethel      | Stock Farm Road          | 198.9         | 111.2         | 95.9           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 21                 | Randolph    | Randolph Rec Park        | 41.4          | 51.2          | 152.3          | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
|   | 22                 | Braintree   | Riford Brook Road        | 1553.1        | 76.7          | 191.8          | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |
| <b>Bingo Brook</b>  |                    | Rochester   | Bingo Brook              | 19.9          | 4.1           | 14.6           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           | 0.0           |

exceeds EPA standard (235 colonies/100mL sample)

\* Weather in the past 24 hrs - Based on last 24 hrs- Descriptors include- Mostly Sunny (<49% cloud cover), Partly Sunny (50-99% cloud cover), Overcast (100% cloud cover, no rain), Scattered Rain (measurable rain <.1 but >.05 inches), Rain (>.1 inches)

\*\*River gauge data found at: <http://waterdata.usgs.gov/usa/nwis/uv?01144000>

\*\*\*Precip Data measured at Ayer's Brook in Randolph, found at: [http://waterdata.usgs.gov/vt/nwis/uv?site\\_no=01142500](http://waterdata.usgs.gov/vt/nwis/uv?site_no=01142500)

\*\*\*\* Wet - More than .1 inches in the last 24 hrs or more than .25 inches in the last 48 hrs