



LAWRENCE COUNTY HEALTH DEPARTMENT

STREAM/SWIM ADVISORY – LAWRENCE COUNTY

The Lawrence County Health Department is monitoring several streams within the county. Results indicate some areas have higher E. Coli counts than EPA recommended limits.

E. Coli is a fecal coliform bacteria that lives in all human and animal intestines.

At present there is no federal or state standards for E. Coli densities in recreational waters. EPA's proposed standards for bacteria densities should not exceed 235 E. Coli per 100 milliliters of fresh water for full body contact.

The sources of water contamination are difficult to track to the point of source.

THE HEALTH DEPARTMENT RECOMMENDS NO SWIMMING IN STREAM AREAS THAT EXCEED EPA GUIDELINES.

Samples taken at the locations listed showed the following counts on the date listed:

<u>Stream</u>	<u>Location</u>	<u>Date</u>	<u>Counts per 100 ml</u>
William Creek	Mt.Vernon City Park	8/21/08	93.3 E Coli/100 ml**
Goose Creek	YMCA – Camp Wakonda	8/21/08	48.0 E Coli/100 ml**
Turnback Creek	Paris Spring Public Access	8/21/08	101.2 E Coli/100 ml**
Truitt Creek	Hwy 39 N of Mt. Vernon	8/21/08	1553.1 E Coli/100 ml*
Big Spring	Baptist Hill	8/21/08	10.8 E Coli/100 ml**
Spring River #1	Iron Bridge	8/21/08	133.4 E Coli/100 ml*
Clear Creek	Pierce City Park	8/21/08	12.1 E Coli/100 ml**
Spring River #2	Youngberg Park – Verona	8/21/08	26.2 E Coli/100 ml**

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Marionville Spring #1	Marionville City Park	8/21/08	547.5 E Coli/100 ml**
Marionville Spring #2	Marionville City Park	8/21/08	146.4 E Coli/100 ml*
Honey Creek #1	Fm Rd 1200 N of Aurora	8/21/08	1553.1 E Coli/100 ml*
Honey Creek #2	Fm Rd 1135 SE of Mt. Vernon	8/21/08	101.2 E Coli/100 ml**
Johnson Creek	Fm Rd 2062 Near Paris Spring	8/21/08	16.1 E Coli/100 ml~
Center Creek	Hwy 97 N of Pierce City	8/21/08	96.0 E Coli/100 ml~
Stahl Creek	Fm Rd 2082 NW of Mt. Vernon	8/21/08	67.6 E Coli/100 ml~

* = Increase since last report date, August 6, 2008

** = Decrease since last report date, August 6, 2008

~ = New stream samples

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