



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.

Future sampling will occur as funds allow.

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

<u>Stream</u>	<u>Location</u>	<u>Date</u>	<u>E.Coli Counts per 100 ml</u>
Williams Creek	Mt.Vernon City Park	05/20/13	>2419.6 +
Goose Creek	YMCA – Camp Wakonda	05/20/13	1732.9 +
Turnback Creek	Paris Spring Public Access	05/20/13	579.4 +
Turnback Creek	3 whisles – FR 2025	05/20/13	>2419.6 +
Stahl Creek	FR 1100, west of Hwy OO	05/20/13	>2419.6 +
Truitt Creek	Hwy 39 bridge	05/20/13	>2419.6 **
Big Spring	Baptist Hill Church Camp	05/20/13	>2419.6 +

<u>Stream</u>	<u>Location</u>	<u>Date</u>	<u>E. Coli Counts per 100 ml</u>
Spring River	Verona Beach or FR 2190	05/20/13	285.1 +
Spring River	FR 2130	05/20/13	>2419.6 +
Center Creek	FR 1010 south of Sinclair Station	05/20/13	1986.3 +
Clear Creek	Pierce City- South Park	05/20/13	365.4 +
Marionville Spring	Marionville City Park (near the entrance)	05/20/13	16.0 -
Honey Creek	Marionville City Park (at Benton Street)	05/20/13	1203.3 +
Honey Creek	FR 1137/1135, west of Hwy 39	05/20/13	686.7+

Counts that are highlighted red indicate that they exceed 235 E. Coli per 100 ml.

+ = Increase since last report date, July 19, 2012

- = Decrease since last report date, July 19, 2012

**= Didn't change since last report date, July 19, 2012

Weather conditions at the time of sampling were thunderstorms within the previous 24 hours with varied amounts of rainfall.

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