



## 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:

<b><u>Stream</u></b>	<b><u>Location</u></b>	<b><u>Date</u></b>	<b><u>E.Coli Counts per 100 ml</u></b>
Williams Creek	Mt.Vernon City Park	08/25/10	410.6**
Goose Creek	YMCA – Camp Wakonda	08/25/10	56.5**
Johnson Creek	Paris Spring Public Access	08/25/10	146.7**
Turnback Creek	Paris Spring Public Access	08/25/10	93.3**
Turnback Creek	3 whistles – FR 2025	08/25/10	93.4**
Stahl Creek	FR 2082, west of Hwy OO	08/25/10	17.5*
Truitt Creek	Hwy 39 bridge	08/25/10	1119.9**
Spring River	FR 2110 west of Baptist Hill	08/25/10	107.1**

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<u>Stream</u>	<u>Location</u>	<u>Date</u>	<u>E. Coli Counts per 100 ml</u>
Spring River	Iron Bridge on FR 1040	08/25/10	218.7*
Center Creek	FR 1010 south of Sinclair Station	08/25/10	101.2*
Clear Creek	Pierce City Park	08/25/10	19.9**
Marionville Spring #1	Marionville City Park (near the entrance)	08/25/10	307.6**
Marionville Spring #2	Marionville City Park (between the two ballfields)	08/25/10	77.6*
Honey Creek	Marionville City Park (at Benton Street)	08/25/10	261.3**

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

\* = Increase since last report date, August 11, 2010

\*\* = Decrease since last report date, August 11, 2010

\*\*\* = Didn't change since last report date, August 11, 2010

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