



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>E.Coli Counts per 100 ml</u>
Williams Creek	Mt.Vernon City Park	5/18/10	613.1
Goose Creek	YMCA – Camp Wakonda	5/18/10	307.6
Turnback Creek	Paris Spring Public Access	5/18/10	313.0
Turnback Creek	3 whisles – FR 2025	5/18/10	488.4
Stahl Creek	FR 2077, north of Hwy OO	5/18/10	770.1
Truitt Creek	Hwy 39 bridge	5/18/10	1553.1
Spring River	FR 2110 west of Baptist Hill	5/18/10	1046.2
Spring River	Iron Bridge on FR 2040	5/18/10	1299.7

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<u>Stream</u>	<u>Location</u>	<u>Date</u>	<u>E. Coli Counts per 100 ml</u>
Center Creek	FR 1010 south of Sinclair Station	5/18/10	387.3
Clear Creek	Pierce City Park	5/18/10	261.3
Marionville Spring #1	Marionville City Park (near the entrance)	5/18/10	344.8
Marionville Spring #2	Marionville City Park (between the two ballfields)	5/18/10	770.1
Honey Creek	Marionville City Park	5/18/10	980.4

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

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