



## 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>Counts per 100 ml</u></b>
William Creek	Mt.Vernon City Park	5/18/09	172.9 E Coli/100 ml
Goose Creek	YMCA – Camp Wakonda	5/18/09	78.8 E Coli/100 ml
Turnback Creek	Paris Spring Public Access	5/18/09	198.9 E Coli/100 ml
Truitt Creek	Hwy 39 N of Mt. Vernon	5/18/09	102.0 E Coli/100 ml
Big Spring	Baptist Hill	5/18/09	91.2 E Coli/100 ml
Spring River	Iron Bridge	5/18/09	168.6 E Coli/100 ml
Clear Creek	Pierce City Park	5/18/09	11.8 E Coli/100 ml
Marionville Spring #!	Marionville City Park	5/18/09	29.1 E Coli/100 ml

105 W. North St. ~ Mt. Vernon, Missouri 65712

Phone (417) 466-2201 ~ 1-866-487-5657 ~ Fax (417) 466-7485

[www.lawrencecohealth.com](http://www.lawrencecohealth.com)

Marionville Spring #2	Marionville City Park	5/18/09	52.8 E Coli/100 ml
Honey Creek	Fm Rd 1135 SE of Mt. Vernon	5/18/09	80.2 E Coli/100 ml

Contact persons: Alethea Goodman and Andrew Freiburger  
Lawrence County Health Department – 466-2201

105 W. North St. ~ Mt. Vernon, Missouri 65712  
Phone (417) 466-2201 ~ 1-866-487-5657 ~ Fax (417) 466-7485  
[www.lawrencecohealth.com](http://www.lawrencecohealth.com)