



STREAM/SWIM ADVISORY – LAWRENCE COUNTY

The Lawrence County Health Department has monitored locations within Marionville City Park, requested by a Marionville city official. 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>
Marionville Spring #1	Marionville City Park (near the entrance)	7/1/10	41.4**
Marionville Spring #2	Marionville City Park (between the two ballfields)	7/1/10	42.8**
Honey Creek	Marionville City Park (at Benton Street)	7/1/10	770.1**
Honey Creek	Marionville City Park (downstream at edge of park)	7/1/10	613.1**

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

- * = Increase since last report date, June 21, 2010
- ** = Decrease since last report date, June 21, 2010
- *** = Didn’t change since last report date, June 21, 2010

Contact person: 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