

LICKING RIVER WATERSHED WATCH SAMPLE RESULTS FOR JULY 2013

E. coli samples assessed by Fouser Environmental, Versailles, KY

◆For July 2013, 51 samples were collected.

◆51% of the samples collected (26 of the 51) exceeded the *E. coli* primary contact (swimming) one-time grab sample standard of 240 colony forming units (cfu) per 100 ml of water.

◆57% of the sampling sites (29 of the 51) indicated some rain within the 48 hours prior to sample collection.

*Results are organized by county. ***E. coli results above the standard of 240 cfu are in bold and red.** *Dissolved Oxygen (DO) readings that are at or below the acute standard of 4 are in bold and red.

Historical Site #	SITE #	COUNTY	STREAM NAME	LOCATION	SAMPLER	TIME	DATE	0-5	Inches	0-3	mg/l	SU	°C	µS	CFU/ 100ml	FLAG
								Flow	Rainfall	Turbidity	DO	pH	Cond	Temp	<u>E. coli</u>	
L241	1552	Boone	McCoys Fk	At Stephenson Mill	Waller-Messer	10:47	7/13/2013	3	1.5	0	6.6	7.25	550	20	220	
L249	1560	Boone	Big Bone Cr	State Park belw bison enclosure	Dickerson	10:25	7/13/2013	3	0	0	7.2	7.4	540	21.7	300	
L250	1561	Boone	Mud Lick Cr	Rt 42 @ gaging sta near Duckhead	Dickerson	9:10	7/13/2013	3	0	0	7	7	524	23.4	120	
L412	1687	Boone	Middle Cr	Waterloo Rd Bridge	Rittinger	11:57	7/13/2013	3	0.1	0	6.8	8	570	24	740	
L413	1688	Boone	Middle Cr	Pkg lot dn Trail #1(left) 1st accessible pt on rt	Rittinger	11:20	7/13/2013	3	0.1	0	7.1	8	580	22	160	
L447	1716	Boone	McCoys Fk	Beaver Rd just N of Kuchle Dr	Waller-Messer	11:00	7/13/2013	4	1.5	1	8.8	7.5	500	21.5	120	
	3155	Boone	S Fk Gunpowder Ck	at South Fork Park just upstrm of wooden brdg	Reddy	9:43	7/13/2013	2	0.1	1	6.8	8	690	21	540	
	3199	Boone	Unnamed Tributary	beh 2080 W Horison Dr in Hebron; UT to Woolper Cr	Buhlig	9:15	7/13/2013	3	0	0	5	7.7	640	21.5	1100	
L41	1385	Bourbon	Hinkston Cr	Jackstown brdg on Hwy13	Halpin	9:20	7/13/2013	4	1	3	6.2	8	350	20	620	
L42	1386	Bourbon	Houston Cr	Railroad brdg on Fithian Ave	Williams	10:45	7/13/2013	4	0.5	3	7	6.75	500	22	920	difficulty with cond calibration
L79	1422	Bourbon	Hinkston Cr	Steel Ford Bridge	Rauf	10:41	7/13/2013	3	0.5	3	6.8	7.7	390	22	460	
L188	1505	Bourbon	Stoner Cr	US 68 brdg in N Paris	VanMeter	10:25	7/13/2013	4	0.5	3	7.4	7	500	20	160	difficulty with cond calibration
L218	1535	Bourbon	Stoner Cr	~50 yd upst of mouth beh old Ruddles Mills gas sta	Bruening	11:50	7/13/2013	5	0.1	3	5.5	7.5	390	21.5	140	
L225	1537	Bourbon	Hinkston Cr	~50 yd upst of mouth beh old Ruddles Mills gas sta	Bruening	11:40	7/13/2013	5	0.1	3	5	7.5	300	21	440	
	3083	Bourbon	Scott Cr	Near Levy Road	Osborne	11:47	7/13/2013	3	1	0		7.5	500	23	100	
	3151	Bourbon	Cooper Run	100 yds upstr of mouth	Simpson	10:05	7/13/2013	3	0.5	1	7.2	7.4	440	20	420	
	3153	Bourbon	Stoner Cr	at Rocky Shoals off Hancock Farm just abv Paris WTP	Williams	10:10	7/13/2013	4	0.5	3	7.4	7	500	22	80	difficulty with cond calibration
L217	1534	Bracken	N Fk Licking Riv	Und KY Hwy 539 brdg	Clifford	10:45	7/13/2013	3	0	2	4.6	8	390	22	180	
L48	1392	Campbell	Fourmile Cr	Rt 8 in Silver Grove behind Morscher Pk Sports Complex	Girton	10:30	7/13/2013	5	1.5	3	5.1	7.5	320	23	320	
L60	1402	Campbell	Licking Riv	Rowing Club dock at mouth of Licking Riv on E bank	Hult	9:20	7/13/2013				7.1	7	280	22	160	
L420	1694	Campbell	Lower Tug Cr	Along Lower Tug Fk Rd by brdg 1/8 mi from St Johns Lutheran Church	Darpel	10:30	7/13/2013	3	0	1	4.2	8	590	21	700	
	2933	Campbell	Pond Cr	near Claryville where Rt 915 & W Miller Rd brdg meet	Dansberry	10:43	7/13/2013	3	0	2	7.6	7.5	560	20	360	
L300	1608	Clark	Hoods Cr	Lykins Pk betw foot brdg & pkg lot	Cecil	1:24	7/12/2013	3	0.1	0	12	8		26	296	
L301	1609	Clark	Unnamed Tributary	Int of Barnes St & Main St;UT to Town Br	Cecil	1:55	7/12/2013	3	0.1	0	12	8		29	216	
	3217	Clark	Stoner Cr	350yd upstr I-64 brdg on private prop	Skinner	10:52	7/13/2013	4	0.5	2	6.6	6.8	350	20	1200	

L521	1764	Fleming	Martin Mill Br	along Hwy 1013 @ int of Fox Cr near gas pipeline	Gossett	7:31	7/13/2013	4	0	0	7.5	7.5	280	17	600	
L29	1373	Harrison	Licking Riv	Claysville Boat Ramp	Florence	10:45	7/13/2013	4	0	3	7	7.6	230	22	320	
L46	1390	Harrison	S Fk Licking Riv	Dwnstrm of Cynthiana @ Poindexter Br	Dugan	11:51		4	0.5	3					260	no date sample taken
L216	1533	Harrison	Richland Cr	Richland Creek Rd	Clifford	9:40	7/13/2013	3	0	0	5.4	7.75	510	21	20	
	3183	Harrison	Flat Run	at brdg to Flat Run Vet Park	Evans	11:00	7/13/2013	3	0.5	1	7.2	7.5	500	21	1420	
	3184	Harrison	Mill Cr	behind property	Burgan	10:00	7/13/2013	3		1	5.7	7.5	570		640	
	3218	Harrison	Harrison Cr	Langley Rd brdg	Florence	10:00	7/13/2013	3	0	1	7.3	7.8	550	22	20	
L38	1382	Kenton	Banklick Cr	Pioneer pk off SR17	Bergman										No sample	
L39	1383	Kenton	Banklick Cr	Mouth of Licking Riv	Bergman	10:00	7/13/2013	3	0	2	5.4	7.75	500	23	180	
L443	1712	Kenton	Doe Run Cr	where creek comes out of Doe Run Lake @ bottom of hill	Caldwell	11:28	7/13/2013	3		1	3.2	8.3	370	24.4	80	temp converted from °F reading
L444	1713	Kenton	Licking Riv	West Bank mouth	Hult										No sample	
L470	1737	Kenton	Banklick Cr	dwnstrm from dog park @ Pioneer Park	Lantz	11:09	7/13/2013	3	0.1	0	7.4	8.4	590	24	100	
L471	1738	Kenton	Banklick Cr	Hwy 1829 in Erlanger	Lantz	9:25	7/13/2013	4	0.1	0	4	7.9	630	21	200	
L532	1774	Kenton	Banklick Cr	upstrm of dog park	Fields	11:05	7/13/2013	3	0.1	0	7	7.9	600	24	400	
	3154	Kenton	Holds Br	at Rust Dr brdg in Taylor Mill	Kaeff	10:10	7/13/2013	3	0	0	7.6	7.5	800	20	140	
	3181	Kenton	Horse Br	abt halfway dwn Horse Br Rd from Thomas More Pkwy	Kaeff	9:30	7/13/2013	3	0	0	5.2	7.5	1020	19	>48400	
	3249	Kenton	Mosers Br	headwater bet Ft Wright & Ft Mitchell	Thoeny	10:35	7/13/2013	3	0.1	0	8	7.5	1020	18	240	
	3254	Kenton	Pleasant Run	across from Bethel Bap Church, 1862 St Johns Rd	Sparks	10:44	7/13/2013	3	0.1	0	7.4	8	940	21	80	
	3255	Kenton	Banklick Cr	off Old Hwy 17 on Rt.3148 just below street pulloff	Fields	10:23	7/13/2013	3		0	7.8	8	590	23	360	
L431	1701	Morgan	N Fk Licking Riv	dwnstr Rt 711 bridge	Maybriar	12:15	7/12/2013	4		2	7.4	7.9	90	18.9	630	
	3076	Nicholas	Unnamed Tributary	just N intersect Morning Glory Rd & Irvinsville Rd; UT of Little Beaver Ck	Hopkins	10:50	7/13/2013	2	0	1	700	7.5	600	10	18420	DO & Temp results?
L07	1351	Pendleton	Licking Riv	US 27 at Butler	Cottle										No sample	
L34	1378	Pendleton	S Fk Licking Riv	.2 mi above dam @ US27 brdg on Hayes Sta Rd	Thaxton	9:18	7/13/2013	4	0	2	5.5	7.8	460	23	100	
L54	1398	Pendleton	S Fk Licking Riv	Hays Station Rd bridge	Dugan	11:25	7/13/2013	4	0.5	3					80	
L127	1466	Pendleton	S Fk Licking Riv	Falmouth blw US27 brdg	Kutscher	9:17	7/13/2013	3	0	1	6.4	7.7	440	22.5	60	
L128	1467	Pendleton	Licking Riv	Ab confl with S Fk Licking Riv	Kutscher	9:03	7/13/2013	3	0	3	6.2	7.5	230	21	660	
	2912	Pendleton	Licking Riv	below Butler intake behind community bldg	Kutscher		7/13/2013	4	0	3					No sample	
	3212	Pendleton	Harris Cr	mth at Boston	Johnson	9:00	7/13/2013	3	0.1	1	6.5	7.8	450	18	400	
L473	1740	Rowan	Laurel Fk	At mouth of Craney Cr	Doerrfeld	10:55	7/12/2013	3	0.5	0	9	7	120	19	170	
L504	1747	Rowan	Craney Cr	1/4 mi dwnstr of Laurel Cr mouth	Doerrfeld	11:10	7/12/2013	3	0.5	0	9.5	7	110	19	148	