

LICKING RIVER WATERSHED WATCH FIELD CHEMISTRY AND LAB ANALYSIS REPORT FOR 2012

◆For May, 2012, Field Chemistry tests only were performed. 23 sites were tested.

◆For July 2012, 49 samples were collected.

◆67% of the samples collected (33 of the 49) exceeded the *E. coli* primary contact (swimming) one-time grab sample standard of 240 colony forming units (cfu) per 100 ml of water.

◆86% of the sampling sites (42 of the 49) had some rain within the 48 hours prior to sample collection.

◆For October, 2012, Field Chemistry tests only were performed. 27 sites were tested.

*Results are organized by county. ****E. coli* results above the standard of 240 cfu are in bold and red.**

Historic #	Site #	County	Stream Name	Location	Sampler	TIME	DATE	Inches RAIN	0-5 FLOW	0-3 Turb	mg/l D.O.	SU pH	°C Temp	µS Cond	CFU/ 100ml E.coli/ Colilert	FLAG
L76	1419	Bath	Licking Rv	dwnstrm confl with Slate 1st riffle plus 100m	Barnette	16:15	5/12/2012	0	3	3	9	7.5	15	160		
L113	1456	Bath	Slate Cr	.25 mi upstrm of confluence with Licking Rv	Barnette	15:30	5/12/2012	0	3	2	7.2	7.5	19	230		
L241	1552	Boone	McCoys Fk	At Stephenson Mill Rd	Messer	10:00	5/12/2012	0.1	0	1	7	8.2	19	646		
L241	1552	Boone	McCoys Fk	At Stephenson Mill Rd	Messer	10:04	7/14/2012	0.1	2	1		7	23	545	120	
L250	1561	Boone	Mud Lick Cr	Mud Lick on Rt. 42, gaging station	Messer	8:33	7/14/2012	0.1	3	1		7.2	26.2	570	1600	
L255	1566	Boone	Woolper Cr	3495 Feeley Rd ~3m dwnstrm of bridge on Feeley Rd	Pille	9:00	7/14/2012		0						no sample	
L255	1566	Boone	Woolper Cr	3495 Feeley Rd ~3m dwnstrm of bridge on Feeley Rd	Pille	9:00	10/13/2012	0	2	0	7.8	7.5		430		
L447	1716	Boone	McCoys Fk	Beaver Rd just N of Kuchle Dr	Messer	11:00	5/12/2012	0.1	3	0		8	20	620		
	3077	Boone	UT of S Fk Gunpowder Cr	UT of S Fk Gunpowder Cr, Pleasant Val Rd	Barhorst	10:25	7/14/2012	0.1	2	1	5.5	7		670	1320	
	3155	Boone	S Fk Gunpowder Cr	at S Fk Park just upstrm of wooden bridge	Reddy	9:19	7/14/2012	0	2	1	5.5	8	24	750	300	
	3155	Boone	S Fk Gunpowder Cr	at S Fk Park just upstrm of wooden bridge	Reddy	9:07	10/13/2012	0	2	1	8.5	8	9	850		
	3199	Boone	UT of Woolper Cr	behind 2080 W Horison Dr in Hebron	Buhlig	15:00	10/13/2012	0	2	0	6.8		12.5	530		
L42	1386	Bourbon	Houston Cr	Railroad Br. Fithian Ave	Carpenter	10:25	7/14/2012	0.1	2	0	9.6	7.5	24	380	320	
L43	1387	Bourbon	Stoner Cr	Coulthard Lane	Carpenter	9:55	7/14/2012	0.1	2	1	6.7	7.5	25.5	430	280	
L79	1422	Bourbon	Hinkston Cr	Steel Ford Bridge	Wigglesworth	9:10	7/14/2012	0.1	2	1	5.5	7.5	23	500	200	
L188	1505	Bourbon	Stoner Cr	US 68 bridge in No Paris	VanMeter	12:00	5/12/2012	0	3	2	6.2	8	23			
L188	1505	Bourbon	Stoner Cr	US 68 Bridge, N Paris	VanMeter	9:25	7/14/2012	0.5	2	1	4.6	7.5	25	400	100	
L218	1535	Bourbon	Stoner Cr	~50yds upstrm of mouth behind old gas sta	Breuning	9:50	5/12/2012	0	4	0	5.6	8	18	420		
L218	1535	Bourbon	Stoner Cr	~50yds upstrm of mouth behind old gas sta	Breuning	10:04	7/14/2012	0.1	2	1	3.6	6	24	430	180	
L218	1535	Bourbon	Stoner Cr	~50yds upstrm of mouth behind old gas sta	Breuning	9:50	10/13/2012	0	2	0	9.2	7.5	10	730		

Historic #	Site #	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/ Colilert	FLAG
L225	1537	Bourbon	Hinkston Cr	Ruddles Mills behind old service sta 50 yds upstrm of mouth	Breuning	10:00	5/12/2012	0	4	2	5.4	7.5	18	450		
L225	1537	Bourbon	Hinkston Cr	Ruddles Mills, 50 yds upst of mouth	Bruening	10:00	7/14/2012	0.1	3	2	3.4	6.5	24	460	100	
L225	1537	Bourbon	Hinkston Cr	Ruddles Mills behind old service sta 50 yds upstrm of mouth	Breuning	10:10	10/13/2012	0	2	1	6.8	8	10	580		
	3151	Bourbon	Cooper Run	first riffle upstrm of mouth into Stoner Cr	Simpson	17:00	5/14/2012	1.5	4	1	8.2		17	500		
	3153	Bourbon	Stoner Cr	Rocky Shoals off Hancock Farm just abv Paris WTP	Williams	11:00	5/12/2012	0	2	1	9.1	8	21			
	3153	Bourbon	Stoner Cr	Rocky Shoals off Hancock Farm just abv Paris WTP	Williams	9:45	7/14/2012	0.5	2	2	4.5	8	25	400	40	
	3200	Bourbon	Stoner Cr	Spears Mill Rd bridge Hodsdon property	Estes	8:45	10/13/2012	0	2	0	6.2	7.5	13	470		
	3201	Bourbon	Stoner Cr	Hutson Crossing Peacock Rd	Estes	9:52	10/13/2012	0	3	0	7	7.5	12	580		
L48	1392	Campbell	Fourmile Cr	Rt 8, Grove Ky	Girton	10:15	7/14/2012	0	1	1	3	7.5	24	460	120	
L60	1402	Campbell	Licking Rv	Rowing Club of Licking (east bank)	Rohling	9:15	7/14/2012	0	3	3	6.5	7.5	27	420	0	
L67	1410	Campbell	Threemile Cr	upstrm of old Rt 9 in Wilder	Brennan	11:29	7/14/2012	0.5	2	0	8.4	7.5	24	920	180	
L67	1410	Campbell	Threemile Cr	upstrm of old Rt 9 in Wilder	Brennan	11:30	10/13/2012	0	2	0	8.6	7.5	10.5	980		
L178	1496	Campbell	Taylors Cr	near mouth at I-471 at 6th St & Donnemeyer Dr meet	Rohling	10:00	7/14/2012	0	3	1	9.4	7.5	23		1700	
L178	1496	Campbell	Taylors Cr	near mouth at I-471 at 6th St & Donnemeyer Dr meet	Rohling	9:46	10/13/2012				14	8	8	740		
L179	1497	Campbell	Taylors Cr	N brnch at Berry Av, CovertRun Pk & Donnemeyer meet	Rohling	9:45	7/14/2012	0	3	0	7	7.5	25	890	2900	
L179	1497	Campbell	Taylors Cr	N brnch at Berry Av, CovertRun Pk & Donnemeyer meet	Rohling	9:17	10/13/2012	0	3	0	12	7.5	7			
L420	1694	Campbell	Lower Tug Fk	Lower Tug Fk Rd 1/8 mi W of St Johns Lutheran Ch	Darpel	9:00	5/12/2012	0	3	1	6.2	8	14	640		
L526	1768	Campbell	Threemile Cr	Bet Sherman & I471 Interchange	Hugan	10:30	7/14/2012	0.1	2	0	8.4	8	23	1100	200	
L536	1776	Campbell	Unnamed Tributary	N of Ft Thomas-sm ck btwn Walden Ln & Elsmar	Brennan	13:00	10/13/2012	0	0							
L48	1392	Campbell	Fourmile Cr	Rt 8 in Silver Grove bhnd S Morscher Park Sports Complex	Girton	11:15	10/13/2012	0	1	0	6.4	7.5	10	620		
L17	1361	Clark	Stoner Cr	Wades Mill Rd bridge	Clark	9:50	7/13/2012	0.5	1	1	2	7.5	23		800	
L17	1361	Clark	Stoner Cr	Wades Mill Rd bridge	Clark	13:30	10/12/2012	0	2	1	5	7.5	14			
L45	1389	Clark	Little Stoner Cr	US 60 Bridge	Clark	9:25	7/13/2012	0.5	2	2	6	7.5	25		14540	
L45	1389	Clark	Little Stoner Cr	US 60 bridge	Clark	13:40	10/12/2012	0	2	1	11	7.8	17			
L202	1519	Clark	Strodes Cr	Winchester Bypass	Midden	10:38	7/13/2012	0.1	2	1			21		24060	
L205	1522	Clark	Hancock Cr	AT. Rt. 60, Sportland Golf Course	Midden	10:50	7/13/2012	0.1	1	2			22		2360	
L300	1608	Clark	Hoods Cr	At Lykins Pk between footbrdg & parking lot	Cecil	10:50	7/13/2012	1	3	0	6	7	24		340	
L301	1609	Clark	UT of Town Br	At Barnes and Main Sts	Cecil	9:55	7/13/2012	1	3	1	4	7	21		3580	
L305	1612	Clark	Hancock Cr	bridge at Hancock Valley Drive	Cecil	10:25	7/13/2012	1	3	0	5	7.5	23		4120	
L521	1764	Fleming	Martin Mill Br	at intersection Fox Cr near gas pipe line	Gossett	10:20	5/12/2012	0	3	1	9	7	14	350		
L521	1764	Fleming	Martin Mill Br	at intersection Fox Cr near gas pipe line	Gossett	9:06	7/14/2012	0.5	2	0	7	7.5	21	460	1120	
L521	1764	Fleming	Martin Mill Br	at intersection Fox Cr near gas pipe line	Gossett	13:44	10/12/2012	0	2	0	6	7	9	560		
L216	1533	Harrison	Richland Cr	Richland Cr Rd	Clifford	15:30	5/12/2012	0	3	0	10.5	8.5	20			
L216	1533	Harrison	Richland Cr	Richland Cr Rd	Clifford	9:48	7/14/2012	0.1	2	1	7.75	7.75	24	240	380	

Historic #	Site #	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/ Colilert	FLAG
	3184	Harrison	Mill Cr	behind property at 3090 KY Hwy 32W	Burgan		7/14/2012		0						no sample	
L59	1401	Kenton	Licking Rv	Mienkien Park, Covington	Spencer	9:20	7/14/2012	0	2	2					180	
L172	1491	Kenton	Mosers Br	at abandoned Ft Wright Nature Pk on Highland Av	Kaeff	8:30	6/17/2012	0	1	0	5.8	7.5	20	1070		
L470	1737	Kenton	Banklick Cr	dwnstrm from dog park at Pioneer Park	Lantz	12:45	10/14/2012	0	3	0	9	7.5	15	550		
L471	1738	Kenton	Banklick Cr	at Hwy 1829 in Erlanger	Lantz	13:20	10/14/2012	0	3	0	9.4	8	15	700		
L532	1774	Kenton	Banklick Cr	upstrm of dog park	Lantz	12:25	10/14/2012	0	3	0	9.6	7.5	14	630		
	3154	Kenton	Holds Br	at Rust Dr bridge in Taylor Mill	Kaeff	10:00	5/12/2012	0	3	1	8.6	8	14	820		
	3154	Kenton	Holds Br	at Rust Dr bridge in Taylor Mill	Kaeff	9:30	10/13/2012	0	3	0	10	8	9	780		
	3181	Kenton	Horse Br	~1/2 way dwn Horse Br Rd frm Thomas More Pkwy	Kaeff	11:00	5/12/2012	0	2	0	8.4	8	15.5	1090		
	3181	Kenton	Horse Br	~1/2 way dwn Horse Br Rd frm Thomas More Pkwy	Kaeff	8:45	7/14/2012	0	2	0	7.8	7.5	22.5	1300	1000	
	3181	Kenton	Horse Br	~1/2 way dwn Horse Br Rd frm Thomas More Pkwy	Kaeff	10:20	10/13/2012	0	3	0	9.8	8	9	1180		
L189	1506	Magoffin	Licking Rv	Mouth of Straight Fork (Rt. 3336) in	Boyd	12:25	7/13/2012	0.5	3	0	7.2	7.6		500	9760	
L192	1509	Magoffin	Trace Fk	At mouth, driveway bridge	Boyd	12:00	7/13/2012	0.5	3	2					3340	
L235	1546	Magoffin	Licking Rv	Above Richard William's Concrete Bridge	Boyd	11:20	7/13/2012	0.5	2	3				860	1760	
L236	1547	Magoffin	Licking Rv	At Lakeville below Stinson Cr at Rt. 867	Boyd	11:00	7/13/2012	0.5	2	3		7.7		800	16320	
L237	1548	Magoffin	Salt Lick	100 ft upst of the Licking at Rt. 7	Boyd	11:45	7/13/2012	0.5	3	3		7.6		870	4720	
L446	1715	Magoffin	Brushy Fk	Off Rt. 7 Brushy Fk Missionary Church	Boyd	12:15	7/13/2012	0.5	3	3					3700	
L528	1770	Menifee	E Fk Slate Cr	East Fk of Slate Cr on East Fk Road	Rogers	11:50	7/14/2012	0.1	2	1	7.2	7	24	160	1060	
L61	1403	Montgomery	Hinkston Cr	So on Rt 11 Calk Rd N side of culvert	Tonning	16:30	5/12/2012	0	3	3	8.2	8.5	21	390		
L61	1403	Montgomery	Hinkston Cr	S. Rt.11,Calk Rd. N. side of Culvert	George	11:10	7/14/2012	0.3	3	0	7	7.5	23	480	1320	
L61	1403	Montgomery	Hinkston Cr	So on Rt 11 Calk Rd N side of culvert	Tonning	16:00	10/14/2012	0	2	2	4	7.5	18	580		
L62	1405	Montgomery	Hinkston Cr	1.1 mi dwn Hinkston Pk at sewage pump sta	Tonning	17:00	5/12/2012	0	3	1		8.5	20	530		
L62	1405	Montgomery	Hinkston Cr	1.1 mi dwn Hinkston Pk at sewage pump sta	George	10:40	7/14/2012	0.3	3	0	7	7.6	22	570	4000	
L62	1405	Montgomery	Hinkston Cr	1.1 mi dwn Hinkston Pk at sewage pump sta	George	15:30	10/14/2012	0	3	0	8.2	7.5	17.5	680		
L431	1701	Morgan	N Fk Licking Rv	Just downstream of Rt. 711 bridge	Haight-Maybriar	17:00	5/11/2012		3	0	8.8	6.7	15	100		
L431	1701	Morgan	N Fk Licking Rv	Just downstream of Rt. 711 bridge	Haight-Maybriar	16:46	7/14/2012	1.5	3	3	6.6		22	140	2180	
L431	1701	Morgan	N Fk Licking Rv	Just downstream of Rt. 711 bridge	Haight-Maybriar	15:42	10/17/2012		2	0	8.2	7	13.5	220		
L89	1432	Nicholas	Brushy Fk	At Miller Station Rd	Halpin	14:31	5/12/2012	0	3	0	9	8	17			
L89	1432	Nicholas	Brushy Fk	At Miller Station Rd	Halpin	9:39	7/14/2012	0.3	2	0	2	7.5	21.5	530	1480	
	3076	Nicholas	UT of Little Beaver Cr	just N of intrsctn of Morning Glory Rd & Irvinsville Rd	Hopkins				0							
L07	1351	Pendleton	Licking Rv	US. 27 at Butler	Kutscher	9:45	7/14/2012	0.1	2	1					80	
L34	1378	Pendleton	S Fk Licking Rv	.2 mi above the dam @ US27 bridge	Kutscher	9:41	7/14/2012	0.1	2	3	7.25	7.5	26.5	280	20	
L127	1466	Pendleton	S Fk Licking Rv	Falmouth below US 27 bridge	Kutscher	9:19	7/14/2012	0.15	2	0	4.2	7.5	25	310	100	
L127	1466	Pendleton	S Fk Licking Rv	Falmouth below US 27 bridge	Kutscher	15:38	10/13/2012	0	3	0	9.2	7.9	14	500		

Historic #	Site #	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/ Colilert	FLAG
L128	1467	Pendleton	Licking Rv	Abv confluence with S Fk Licking Rv	Kutscher	9:04	7/14/2012	0.15	3	3	5	7.5	26.5	270	4000	
L128	1467	Pendleton	Licking Rv	Abv confluence with S Fk Licking Rv	Kutscher	16:00	10/13/2012	0	3	1	8.4	7.7	14	200		
	2912	Pendleton	Licking Rv	Below Butler Intake beh Community Bldg	Kutscher	10:17	7/14/2012	0.1	3	1	6.2	7.6	27.5	270	200	
	2912	Pendleton	Licking Rv	Below Butler Intake beh Community Bldg	Kutscher	15:09	10/13/2012	0	3	0		8	14	250		
L217	1534	Robertson	N Fk Licking Rv	Under KY HWY 539 Bridge	Clifford	10:40	7/14/2012	0.1	2	0	5.8	7.75	25	260	320	
L404	1679	Rowan	N Fk Triplett Cr	Behind city softball fields	Haight	9:50	7/14/2012	0.5	2	0	4.8	7	23	90	200	
L405	1680	Rowan	N Fk Triplett Cr	Off Bratton Branch Road	Haight	10:30	7/14/2012	0.5	2	3	4.1	7.4	25	115	420	
L473	1740	Rowan	Laurel Fk	1/2 mi from confluence with Craney Cr	Doerrfeld	9:45	5/12/2012	0	3	0	10	6.8	12	110		
L473	1740	Rowan	Laurel Fk	1/2 mi from confluence with Craney Cr	Doerrfeld	10:45	10/13/2012	0	2	0	10	6.8	16	130		
L502	1745	Rowan	Christy Cr	Behind Christy Cr Trailer Court	Collins-Bonney	10:45	5/21/2012	0	3	0	8.6	8.25	20	180		
L502	1745	Rowan	Christy Cr	Behind Christy Cr Trailer Court	Haight	9:02	7/14/2012	1.5	3	0	7.6	7.7	22	120	300	
L503	1746	Rowan	Dry Cr	Above Bridge on 519 after Dry Cr Rd	Collins-Bonney	11:30	5/21/2012	0	3	0	9	8	20	220		
L503	1746	Rowan	Dry Cr	Above Bridge on 519 after Dry Cr Rd	Haight	9:28	7/14/2012	1.5	3	0	7.9	7.8	22	210	580	
L504	1747	Rowan	Craney Cr	1/2 mi dwnstrm of conf with Laurel Fk	Doerrfeld	10:10	5/12/2012	0	3	0	10	6.7	12	100		
L504	1747	Rowan	Craney Cr	1/2 mi dwnstrm of conf with Laurel Fk	Doerrfeld	11:15	10/13/2012	0	2	0	9.6	6.7	11	150		

