

LICKING RIVER WATERSHED WATCH 2013 RESULTS SUMMARY

LAB Analysis by Fouser Environmental - only July and October samples sent to lab

♦ For May, 2013, Field Chemistry tests only were performed. 41 sites were tested.

♦ For July 2013, 51 samples were collected.

♦ 47% of the samples collected (24 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) had some rain within the 48 hours prior to sample collection.

♦ For October 2013, 62 samples were collected.

♦ 40% of the samples collected (25 of the 62) exceeded the *E. coli* primary contact (swimming) one-time grab sample standard of 240 colony forming units (cfu) per 100 ml of water.

♦ 0% of the sampling sites (0 of the 62) had 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.

Hist. #	Site #	COC ID	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	CFU/100ml E.coli/Coliler t
L76	1419	1868	Bath	Licking Rv	Downstream Slate Cr first riffle + 100 meters	Barnette	1:20	5/11/2013	1	4	3	7.9	7.5	15	320	
L113	1456	1343	Bath	Slate Cr	0.25 miles upstream of confluence with LR	Barnette	8:45	###	0	3	0	7.5	8	13.5	400	82
L113	1456	1869	Bath	Slate Cr	0.25 miles upstream of confluence with Licking Rv	Barnette	12:40	5/11/2013	1	4	3	8.2	8	15	360	
L159	1478	1872	Boone	Middle Cr	Above confl with Ohio Rv	Raverty	1:30	5/11/2013	0	2	0	7	8	22	560	
L241	1552	1273	Boone	McCoys Fk	At Stephenson Mill	Messer	9:42	###	0	3	0	8.2	8.5	14	560	268
L241	1552	1917	Boone	McCoys Fk	At Stephenson Mill	Messer	10:47	7/13/2013	1.5	3	0	6.6	7.25	20	550	220
L249	1560	1918	Boone	Big Bone Cr	Big Bone Lick State Park	Dickerson	10:25	7/13/2013	0	3	0	7.2	7.4	22.3	540	300
L250	1561	1919	Boone	Mud Lick Cr	On Rt. 42 at gaging station near Duckhead	Dickerson	9:10	7/13/2013	0	3	0	7.4	7.5	23.9	530	120
L412	1687	1922	Boone	Middle Cr	Waterloo Rd bridge	Rittinger	11:57	7/13/2013	0.1	3	0	6.8	8	24	570	740
L413	1688	1923	Boone	Middle Cr	Parking lot by down trail #1. First accessible point	Rittinger	11:20	7/13/2013	0.1	3	0	7.1	8	22	580	160
Hist. #	Site #	COC ID	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/Coliler t

L447	1716	1274	Boone	McCoys Fk	Beaver Rd. just north of Kuchle Dr.	Messer	10:35	###	0	3	0	8.6	8.5	15	510	320
L447	1716	1928	Boone	McCoys Fk	Beaver Rd. just north of Kuchle Dr.	Messer	11:00	7/13/2013	1.5	4	1	8.8	7.5	21.5	500	120
	3078	1572	Boone	Gunpowder	Shelter hous trail to ck at park deadend of Sperti Ln	Blasdel	7:00	###	0	3	1	8.4	8	17.5	630	
	3155	1198	Boone	S Fk Gunpowder Cr	At South Fk Park upstream of wooden bridge	Reddy	9:28	###	0	2	1	8	8.5	14	730	150
	3155	1942	Boone	S Fk Gunpowder Cr	At South Fk Park, upstream of wooden bridge	Reddy	9:43	7/13/2013	0.1	2	1	6.8	8	21	690	540
	3155	1890	Boone	S Fk Gunpowder Cr	At South Fk Park, upstream of wooden bridge	Reddy	9:45	5/11/2013		4	2	7.8	7.5	14	480	
L41	1385	1184	Bourbon	Hinkston Cr	At Jackstown, bridge on Hwy. 13	Halpin	9:54	###	0	3	0	6.2	8	6.5	451	196
L41	1385	1902	Bourbon	Hinkston Cr	At Jackstown, bridge on Hwy 13	Halpin	9:20	7/13/2013	1	4	3	6.2	8	20	350	620
L41	1385	1862	Bourbon	Hinkston Cr	At Jackstown, bridge on Rt. 13. County line	Halpin	3:47	5/11/2013	1.5	4	3	7	8	15	420	
L42	1386	1352	Bourbon	Houston Cr	Railroad Br. Fithian Ave	Williams	11:37	###	0	3	1	6.5	7.5	15.5	450	270
L42	1386	1903	Bourbon	Houston Cr	Railroad Br. Fithian Ave	Williams	10:45	7/13/2013	0.5	4	3	7	6.75	22	500	920
L43	1387	1347	Bourbon	Stoner Cr	Coulthard Lane	Estes	11:08	###	0	3	0	6.2	7	15	390	104
L47	1391	1275	Bourbon	Townsend Cr	500 feet above US 27 bridge	Hines	10:50	###	0	4	0	7.6	8	15	450	170
L79	1422	1281	Bourbon	Hinkston Cr	Steel Ford Bridge	Rauf	9:44	###	0	2	2	6.25	7.7	15	370	150
L79	1422	1909	Bourbon	Hinkston Cr	Steel Ford Bridge	Rauf	10:41	7/13/2013	0.5	3	3	6.8	7.7	22	390	460
L188	1505	1276	Bourbon	Stoner Cr	US 68 Bridge, N Paris	VanMeter	11:04	###	0	3	2	6.25	8	17	540	82
L188	1505	1912	Bourbon	Stoner Cr	US 68 Bridge, N Paris	VanMeter	10:25	7/13/2013	0.5	4	3	7.4	7	20	500	160
L188	1505	1875	Bourbon	Stoner Cr	US 68 Bridge, N Paris	VanMeter	11:00	5/11/2013	0.1	4	3	4.8	7.7	15	420	
L218	1535	1277	Bourbon	Stoner Cr	Approx 50 yds upst of mouth old gas station	Bruening	11:20	###	0	4	0	7	8	15	520	148
L218	1535	1915	Bourbon	Stoner Cr	Approx 50 yds upst of mouth old gas station	Bruening	11:50	7/13/2013	0.1	5	3	5.5	7.5	21.5	390	140
L218	1535	1878	Bourbon	Stoner Cr	Approx 50 yds upst of mouth old gas station	Bruening	10:00	5/11/2013	0.5	4	2	6.8	7.5	16	450	
Hist.#	Site #	COC ID	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/ Coliler t
L225	1537	1278	Bourbon	Hinkston Cr	Ruddles Mills, 50 yds upst of mouth	Bruening	11:30	###	0	4	1	5.8	7.5	14.5	380	270

L225	1537	1916	Bourbon	Hinkston Cr	Ruddles Mills, 50 yds upst of mouth	Bruening	11:40	7/13/2013	0.1	5	3	5	7.5	21	300	440
L225	1537	1879	Bourbon	Hinkston Cr	Ruddles Mills, 50 yds upst of mouth	Bruening	10:15	5/11/2013	0.5	4	3	7	8	15	410	
	3083	1938	Bourbon	Scott Cr	Near Levy Rd.	Osborne	11:47	7/13/2013	1	3	0		7.5	23	500	100
	3151	1279	Bourbon	Cooper Run	100 yds upstream of mouth into Stoner Cr	Simpson	10:58	###	0	3	1	7.8	7.9	15	480	1,866
	3151	1939	Bourbon	Cooper Run	100 yards upstream of mouth	Simpson	10:05	7/13/2013	0.5	3	1	7.2	7.4	20	440	420
	3151	1888	Bourbon	Cooper Run	100 yards upstream of mouth into Stoner Cr	Simpson	6:00	5/11/2013	0.5	3	0	9	8.5	16	380	
	3153	1280	Bourbon	Stoner Cr	At Rocky Shoals off the Hancock Farm above Paris WTP	Williams	10:35	###	0	3	2	6.25	8	17	490	60
	3153	1940	Bourbon	Stoner Cr	At Rocky Shoals off the Hancock Farm above Paris WTP	Williams	10:10	7/13/2013	0.5	4	3	7.4	7	22	400	80
	3153	1889	Bourbon	Stoner Cr	At Rocky Shoals off the Hancock Farm above Paris WTP	Williams	10:30	5/11/2013	0.1	4	3	5	7.3	15	420	
	3200	1190	Bourbon	Soner Cr	At 1053 Spears Mill Road, Paris KY F.O.S.C	Estes	9:43	###	0	3	0	5	7	15	390	40
	3200	1892	Bourbon	Stoner Cr	Spears Mill Bridge	Estes	10:00	5/11/2013	1	4	2	6	7.5	16	340	
	3201	1191	Bourbon	Soner Cr	On Peacock Rd, 1/2 mile upstream of Copper's Run	Estes	10:39	###	0	3	0	6.2	7	15	390	126
	3201	1893	Bourbon	Stoner Cr	Hutson's Crossing	Estes	11:15	5/11/2013	1	4	1	5	8	17	350	
L217	1534	1346	Bracken	N Fk Licking Rv	Under KY HWY 539 Bridge	Clifford	10:54	###	0	2	0	7.4	7.8	14.5	410	194
L217	1534	1914	Bracken	N Fk Licking Rv	Under KY HWY 539 Bridge	Clifford	10:45	7/13/2013	0	3	2	4.6	8	22	390	180
L217	1534	1877	Bracken	N Fk Licking Rv	Under KY HWY 539 Bridge	Clifford	3:35	5/18/2013	0.5	3	1	6.1	8.2	20	450	
Hist. #	Site #	COC ID	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/Coliler t
L48	1392	1185	Campbell	Fourmile Cr	Rt 8, Silver Grove Ky: Behind Morscher Park	Girton	10:15	###	0	3	0	8.5	8	15	580	268
L48	1392	1905	Campbell	Fourmile Cr	Rt 8, Silver Grove Ky behind S. Morscher Park	Girton	10:30	7/13/2013	1.5	5	3	5.1	7.5	24	320	320
L48	1392	1864	Campbell	Fourmile Cr	Rt 8, Silver Grove Ky behind S. Morscher Park	Girton	1:15	5/11/2013	1.5	3	3	9	8.5	15	410	

L60	1402	1737	Campbell	Licking Rv	Dock at rowing club, beneath 4th st. bridge	Hult	9:10	###	0	1	2	7.2	7.4	17	300	194	
L60	1402	1907	Campbell	Licking Rv	Rowing Club of Licking dock (east bank)	Hult	9:20	7/13/2013				7.1	7	22	280	160	
L178	1496	1195	Campbell	Taylor's Cr	Near Mouth, I-471, 6th St., Donnemeyer	Rohling	9:45	###	0	3	1	10	8	14	10	856	
L178	1496	1873	Campbell	Taylor's Cr	Near Mouth, I-471, 6th St., Donnemeyer	Rohling	10:31	5/11/2013	1	4	2	11	7.5	12	770		
L179	1497	1196	Campbell	Taylor's Cr	North Br, Berry Ave-Covert Run Pike	Rohling	9:25	###	0	3	0	12	7.5	12	10.1	322	
L179	1497	1874	Campbell	Taylor's Cr	The north Br of the Cr where Berry Ave, Covert Run Pike and Donnemeyer meet	Rohling	10:06	5/11/2013	1	4	1	11	7.5	12	590		
L420	1694	1294	Campbell	Lower Tug Cr	Along Lower Tug Fk Rd by bridge 1/8 mi from St. Johns	Darpel		###	0	2	0	7.4	8	13	670	320	
L420	1694	1924	Campbell	Lower Tug Cr	Along Lower Tug Fk Rd by bridge 1/8 mi from St. Johns	Darpel	10:30	7/13/2013	0	3	1	4.2	8	21	590	700	
L420	1694	1953	Campbell	Lower Tug Cr	Along Lower Tug Fk Rd by bridge 1/8 mi from St. Johns	Darpel	9:00	6/12/2013	0.1	3	2	6	8	20	610		
L420	1694	1880	Campbell	Lower Tug Cr	Along Lower Tug Fk Rd by bridge 1/8 mi from St. Johns	Darpel	8:00	5/11/2013	1	4	3	5.4	7.5	14			
L526	1768	1883	Campbell	Pooles Cr	Between Sherman & I-275 Interchange	Hugan	9:45	5/11/2013	0.5	4	1	9.6	7.5	12	790		
	2933	1302	Campbell	Pond Cr	Near Claryville, Rt. 915 and West Miller Rd. bridge meet	Dansberry	10:25	###	0	3	2	8.2	7.5	13	520	###	
	2933	1936	Campbell	Pond Cr	Near Claryville, Rt. 915 and West Miller Rd. bridge meet	Dansberry	10:43	7/13/2013	0	3	2	7.6	7.5	20	560	360	
	2933	1886	Campbell	Pond Cr	Near Claryville, Rt. 915 and West Miller Rd. bridge meet	Dansberry	10:50	5/11/2013	1.5	4	3	8.5	7.5	15	360		
Hist. #	Site #	COC ID	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/Coliler t	
	3202	1199	Campbell	UT of Taylor's Cr	UT near the intersection of Wateworks Rd and Wilson Rd	Lubbers			###	0	3	1	8.5	7.9	14	1050	2,142

	3202	1894	Campbell	UT of Taylor's Cr	UT near the intersection of Wateworks Rd and Wilson Rd	Lubbers	1:40	5/11/2013	1.5	3	3	8.9	8.3	13.9	740	
L300	1608	1920	Clark	Hoods Cr	At Lykins Pk between footbrdg & parking lot	Cecil	1:24	7/13/2013	0.1	3	0	12	8	26		296
L301	1609	1921	Clark	UT of Town Br	At Barnes and Main Sts	Cecil	1:55	7/13/2013	0.1	3	0	12	8	29		216
	3217	1948	Clark	Stoner Cr	350 yards upstream of I-64 bridge	Skinner	10:52	7/13/2013	0.5	4	2	6.6	6.8	20	350	1,200
	3217	1896	Clark	Stoner Cr	350 yards upstream of I-64 bridge	Skinner	3:00	5/11/2013	1	4	3	8.2	7.5	15	320	
L521	1764	1344	Fleming	Martin Mill Br.	Along Hwy. 1013 at intersection of Fox Cr near gas line	Bowlds	10:03	###	0	2	0	7	7.25	11	500	170
L521	1764	1933	Fleming	Martin Mill Br	Along Hwy. 1013 at intersection of Fox Cr near gas line	Gossett	7:31	7/13/2013	0	4	0	7.5	7.5	17	280	600
L521	1764	1882	Fleming	Martin Mill Br	Along Hwy. 1013 at intersection of Fox Cr near gas line	Gossett	11:20	5/11/2013	0.5	4	1	7	7.9	14	330	
L29	1373	1898	Harrison	Licking Rv	Claysville Boat Ramp	Florence	10:45	7/13/2013	0	4	3	7	7.6	22	230	320
L29	1373	1859	Harrison	Licking Rv	Claysville Boat Ramp	Florence	4:07	5/11/2013	1	4	3	8.8	7.4	15	240	
L46	1390	1348	Harrison	S Fk Licking Rv	Downstream of Cynthiana at Poindexter Br.	Dugan	11:50	###	0	3	1					82
L46	1390	1863	Harrison	S Fk Licking Rv	Downstream of Cynthiana at Poindexter Br.	Dugan			1.5	5	3					
L46	1390	1390	Harrison	S Fk Licking Rv	Downstream of Cynthiana at Poindexter Br.	Dugan	11:51		0.5	4	3					260
L78	1421	1285	Harrison	S Fk Licking Rv	Below bridge at Lair	Hines	11:15	###	0	4	1	7.8	8.0	16	450	486
L216	1533	1345	Harrison	Richland Cr	Richland Crk Road	Clifford	9:34	###	0	2	0	8.6	8	13	420	104
L216	1533	1913	Harrison	Richland Cr	Richland Crk Road	Clifford	9:40	7/13/2013	0	3	0	5.4	7.75	21	510	20
L216	1533	1876	Harrison	Richland Cr	Richland Crk Road	Clifford	2:32	5/12/2013	1	3	1	6.6	7.8	15	450	
Hist. #	Site #	COC ID	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/Coliler t
	3183	1944	Harrison	Flat Run	At bridge to Flat Run Veterans Park	Evans	11:00	7/13/2013	0.5	3	1	7.2	7.5	21	500	1,420
	3183	1891	Harrison	Flat Run	At bridge to Flat Run Veterans Park	Evans	9:30	5/24/2013	0	3	1	7.4	7.4	16	450	
	3184	1189	Harrison	Mill Cr	Behind property	Burgan	9:45	###	0	2	0	4.8	7.5	14	450	268

	3184	1945	Harrison	Mill Cr	behind property at 3090 KY Hwy 32W	Burgan	10:00	7/13/2013		3	1	5.7	7.5		570	640
	3218	1188	Harrison	Harrison Cr	At Langley Rd. bridge	Florence	10:22	###	0	3	0	9.4	8	14	470	104
	3218	1949	Harrison	Harrison Cr	At Langley Rd. bridge	Florence?	10:00	7/13/2013	0	3	1	7.3	7.8	22	550	20
	3218	1897	Harrison	Harrison Cr	At Langley Rd. bridge	Florence	2:54	5/11/2013	1	4	2	8.3	7.9	14	380	
L29	1373	1187	Harrison	Licking Rv	Claysville Boat Ramp	Florence	9:35	###	0	3	1	7.8	7.5	17	250	172
	3199	1946	Hebron	UT of Woolper Ck	Behind 2080 West Horison Dr.	Buhlig	9:15	7/13/2013	0	3	0	5	7.7	21.5	640	1,100
L38	1382	1283	Kenton	Banklick Cr	Pioneer park off SR 17	Bergman	10:20	###	0	1	0			13.33	680	244
L38	1382	1900	Kenton	Banklick Cr	Pioneer park of SR 17	Bergman		7/13/2013								
L38	1382	1860	Kenton	Banklick Cr	Pioneer park of SR 17	Bergman	10:00	5/11/2013	1.5	4	3	8.2	7.5	13	330	
L39	1383	1284	Kenton	Banklick Cr	Mouth of Licking Rv	Bergman	9:50	###	0	1	3			14.44	390	168
L39	1383	1901	Kenton	Banklick Cr	Mouth of Licking Rv	Bergman	10:00	7/13/2013	0	3	2	5.4	7.75	23	500	180
L39	1383	1861	Kenton	Banklick Cr	Mouth of Licking Rv	Bergman	10:45	5/11/2013	1.5	4	3	6	7.5	12	400	
L443	1712	1295	Kenton	Doe Run Cr	Where Cr exits Doe Run Lake	Caldwell	10:00	###	0	1	2	7.4	8.5	18	310	104
L443	1712	1926	Kenton	Doe Run Cr	Where Cr comes out of Doe Run Lake at bottom of hill	Caldwell	11:28	7/13/2013		3	1	3.2	8.3	24.4	370	80
L444	1713	1296	Kenton	Licking Rv	West bank at moth directly down from Audobon Statue	Hult	9:45	###	0	1	2	7.4	7.2	20.5	410	126
L444	1713	1927	Kenton	Licking Rv	West bank at the mouth directly down from Audobon statue	Hult										
L470	1737	1298	Kenton	Banklick Cr	Downstream from dog park at Pioneer Park	Lantz	10:55	###	0	3	0	8.2	7.9	16	590	220
L470	1737	1929	Kenton	Banklick Cr	Downstream from dog park at Pioneer Park	Lantz	11:09	7/13/2013	0.1	3	0	7.4	8.4	24	590	100
L470	1737	1881	Kenton	Banklick Cr	Downstream from dog park at Pioneer Park	Lantz	6:00	5/26/2013	0.5	3	0	10.3	7.8	20	540	
L471	1738	1299	Kenton	Banklick Cr	Hwy 1829 in Erlanger	Lantz	9:30	###	0	3	0	9.8	7	14	606	150
Hist.#	Site #	COC ID	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/Coliler t
L471	1738	1930	Kenton	Banklick Cr	Hwy 1829 in Erlanger	Lantz	9:25	7/13/2013	0.1	4	0	4	7.9	21	630	200
L532	1774	1301	Kenton	Banklick Cr	Upstream of dog park	Fields	11:40	###	0	3	0	7.4	8.25	13	560	244
L532	1774	1934	Kenton	Banklick Cr	Upstream of dog park	Lantz	11:05	7/13/2013	0.1	3	0	7	7.9	24	600	400
L532	1774	1884	Kenton	Banklick Cr	Upstream of dog park	Lantz	7:00	5/26/2013	0.5	3	0	10	7.6	20	550	
	3154	1305	Kenton	Holds Br	At the Rust Dr. brdige in Taylor Mill	Kaeff	9:40	###	0	3	0	7.8	7.5	13	850	268

	3154	1941	Kenton	Holds Br	At the Rust Dr. bridge in Taylor Mill	Kaeff	10:10	7/13/2013	0	3	0	7.6	7.5	20	800	140
	3181	1186	Kenton	Horse Br	About halfway down Horse Br Rd. from Thomas More Pkwy.	Kaeff	9:00	###	0	3	0	8	8	13	1070	82
	3181	1943	Kenton	Horse Br	About halfway down Horse Br Rd/Thomas More Pkwy	Kaeff	9:30	7/13/2013	0	3	0	5.2	7.5	19	1020	###
	3249	1192	Kenton	Mosers Br	Hdwaters of Mosers Br between Ft Wright and Ft Mitchell	Thoeny	10:50	###	0	3	0	9.5	7.5	14	1080	196
	3249	1950	Kenton	Mosers Br	Hdwater of Mosers Br between Ft. Wright and Ft Mitchell	Thoeny	10:35	7/13/2013	0.1	3	0	8	7.5	18	1020	240
	3254	1308	Kenton	Pleasant Run	Across from Bethel Baptist Church at 1862 Saint Johns Rd.	Sparks	10:35	###	0	3	0	10	8	14	990	40
	3254	1951	Kenton	Pleasant Run	Across from Bethel Baptist Church at 1862 Saint Johns Rd.	Sparks	10:44	7/13/2013	0.1	3	0	7.4	8	21	940	80
	3255	1309	Kenton	Banklick Cr	Off Old Hwy. 17 on Rt. 3148 just below street pulloff	Fields	10:00	###	0	3	0	6	6.8	15	620	242
	3255	1952	Kenton	Banklick Cr	Off Old Hwy 17 on Rt. 3148 just below pulloff	Fields	10:23	7/13/2013		3	0	7.8	8	23	590	360
L189	1506	1201	Magoffin	Licking Rv	Mouth of Straight Fk (Rt. 3336) in	Boyd	7:50	###	0	2	0	6.8	7.1	10	590	40
L192	1509	1202	Magoffin	Trace Fk	At mouth, driveway bridge	Boyd	8:32	###	0	3	0					564
L195	1512	1203	Magoffin	Big Half Mountain Cr	Clyde Holliday Farm below iron culvert	Boyd	8:55	###	0	3	0					882
Hist.#	Site #	COC ID	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/Coliler t
L235	1546	1204	Magoffin	Licking Rv	Above Richard William's Concrete Bridge	Boyd	9:15	###	0	3	3					126
L236	1547	1205	Magoffin	Licking Rv	At Lakeville below Stinson Ck at Rt. 867	Boyd	9:30	###	0	3	2	7.6	7.8	7	880	60
L237	1548	1206	Magoffin	Salt Lick Cr	100 ft upst of the Licking at Rt. 7	Boyd	8:45	###	0	3	0					40
L446	1715	1207	Magoffin	Brushy Fk	Off Rt. 7 to Brush Fk Missionary Church	Boyd	8:12	###	0	1	0					462
L528	1770	1340	Menifee	E Fk Slate Cr	East Fk Road	Rogers	11:15	###	0	2	0	5.4	6.97	13.6	157.3	20
L61	1403	1342	Montgomery	Hinkston Cr	South on Rt. 11, Calk Rd, North of Culvert	Tonning	10:26	###	0	3	0	8.5	8.25	14	480	766

L61	1403	1866	Montgomery	Hinkston Cr	South on Rt. 11, Calk Rd, North side of Culvert	Tonning	11:58	5/11/2013	0.5	4	3	9	7.5	14	290	
L62	1405	1380	Montgomery	Hinkston Cr	1.1 mi dwn Hinkston Rd at sewage pumpst	George	11:05	###	0	3	0	8	8.0	14	610	486
L62	1405	1908	Montgomery	Hinkston Cr	1.1 miles down Hinkston Rd at sewage pumping station	George	9:12	7/13/2013	0.5	3	0	7.6	7.5	18	520	1,454
L62	1405	1867	Montgomery	Hinkston Cr	1.1 miles down Hinkston Rd at sewage pumping station	George	11:26	5/11/2013	0.5	4	3	8.7	7.5	14	390	
L431	1701	1337	Morgan	N Fk Licking Rv	Downstream of Rt. 711 Bridge	Maybriar	10:44	###	0	3	0	7.7	7.8	12	210	60
L431	1701	1925	Morgan	N Fk Licking Rv	Downstream of Rt. 711 Bridge	Maybriar	12:15	7/13/2013		4	2	7.4	7.9	18.9	90	630
L89	1432		Nicholas	Brushy Fk	At Miller Station Rd.	Halpin										
	3076	1282	Nicholas	UT of Little Beaver Cr	Just North of intersection of Morning Glory Rd. and Irvinsville Rd.	Hopkins	7:00	###	0	2	1	3.5	7	10	640	
	3076	1937	Nicholas	UT of Little Beaver Cr	Just N of intersect of Morning Glory Rd and Irvinsville Rd	Hopkins	10:50	7/13/2013	0	2	1		7.5	10	600	###
	3076	1887	Nicholas	UT of Little Beaver Cr	Just N of intersect of Morning Glory Rd and Irvinsville Rd	Hopkins	8:00	5/11/2013	0.5	3	2	7.8	7.25	5	600	
L07	1351	1176	Pendleton	Licking Rv	US. 27 at Butler	Thaxton	9:53	###	0	3	1	8.6	8	17.1	330	270
L07	1351		Pendleton	Licking Rv	US. 27 at Butler	Cottle		7/13/2013		5						
Hist.#	Site #	COC ID	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/Coliler t
L34	1378	1178	Pendleton	S Fk Licking Rv	.2 mi above the dam @ US27 bridge	Thaxton	9:00	###	0	3	1	7.1	7.75	16	380	320
L34	1378	1899	Pendleton	S Fk Licking Rv	.2 mi above the dam @ US27 bridge	Thaxton	9:18	7/13/2013	0	4	2	5.5	7.8	23	460	100
L54	1398	1179	Pendleton	S Fk Licking Rv	Hays Station Bridge	Dugan	11:27	###	0	4	1					172
L54	1398	1906	Pendleton	S Fk Licking Rv	Hays Station Rd. bridge	Dugan	11:25	7/13/2013	0.5	4	3					80
L54	1398	1865	Pendleton	S Fk Licking Rv	Hays Station Rd. bridge	Dugan			1.5	5						
L127	1466	1180	Pendleton	S Fk Licking Rv	Falmouth, below US 27 bridge	Kutscher	9:28	###	0	3	1	8	7.7	15.5	390	242
L127	1466	1910	Pendleton	S Fk Licking Rv	Falmouth, below US 27 bridge	Kutscher	9:17	7/13/2013	0	3	2	6.4	7.7	22.5	440	60

L127	1466	1870	Pendleton	S Fk Licking Rv	Falmouth, below US 27 bridge	Kutscher	2:18	5/11/2013	0.5	4	2	7.8	7.5	15.5	350	
L128	1467	1181	Pendleton	Licking Rv	Above confl with Licking Rv S Fk	Kutscher	9:05	###	0	3	2	8.2	7.6	16	290	192
L128	1467	1911	Pendleton	Licking Rv	Above confl with Licking Rv S Fk	Kutscher	9:03	7/13/2013	0	3	3	6.2	7.5	21	230	660
L128	1467	1871	Pendleton	Licking Rv	Above confl with Licking Rv S Fk	Kutscher	1:50	5/11/2013	0.5	3	3	8.4	7.6	14.5	250	
	2912	1182	Pendleton	Licking Rv	Below Butler Intake behind Community Bldg.	Kutscher		###	0	3	3					
	2912	1935	Pendleton	Licking Rv	Below Butler Intake behind Community Bldg.	Kutscher	10:17	7/13/2013								
	2912	1885	Pendleton	Licking Rv	Below Butler Intake behind Community Bldg.	Kutscher	2:50	5/11/2013	0.5	4	3					
	3212	1183	Pendleton	Harris Cr	Mouth of Harris Cr at Boston	Johnson	9:00	###	0	2	0	6	7.9	10	540	104
	3212	1947	Pendleton	Harris Cr	Mouth of Harris Cr at Boston. Feed into LR	Johnson	9:00	7/13/2013	0.1	3	1	6.5	7.8	18	450	400
	3212	1895	Pendleton	Harris Cr	Mouth of Harris Cr at Boston. Feed into LR	Johnson	8:30	5/11/2013	0.5	4	3	7.1	7.4	12	290	
L404	1679	1981	Rowan	N Fk Triplett Cr	Behind city softball fields	Haight	4:45	5/10/2013	0	2	0	12.8	7	12	280	
L405	1680	1982	Rowan	N Fk Triplett Cr	Off Bratton Br Road	Haight	4:20	5/10/2013	0	2	0	13.2	7.55	12	260	
Hist. #	Site #	COC ID	County	Stream Name	Location	Sampler	TIME	DATE	RAIN	FLOW	Turb	D.O.	pH	Temp	Cond	E.coli/Coliler t
L473	1740	1931	Rowan	Laurel Fk	At mouth of Craney Cr	Doerrfeld	10:55	7/12/2013	0.5	3	0	9	7	19	120	170
L504	1747	1932	Rowan	Craney Cr	1/4 mile downstream of mouth of Laurel Fk	Doerrfeld	11:10	7/13/2013	0.5	3	0	9.5	7	19	110	148
L515	1758	1339	Rowan	Brushy Ck	Under KY Rt. 377	Bowlds	11:40	###	0	1	0			19		194
	3183	1193		Flat Run Cr	Vet Park bridge	Evans	11:00	###	0	3	1	6	6	15	570	244