

LICKING RIVER WATERSHED WATCH 2014 FALL RESULTS SUMMARY

LAB Analysis by Fouser Environmental
Organized by County then by Site #

◆For September 2014, 62 COCs were submitted.

◆82% of the samples collected (45 of the 55) exceeded the *E. coli* primary contact (swimming) one-time grab sample standard of 240 colony forming units (cfu) per 100 ml of water.

◆71% of the sampling sites (43 of the 62) had some rain within the 48 hours prior to sample collection.

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

COC ID	Hist. #	Site #	Stream Name	Location	County	Sampler	TIME	DATE	0-5 Flow	Inches Rain	0-3 Turb	mg/l D.O.	SU pH	µS Cond	mg/l Orthophosphate	mg/l Phosphate	mg/l TKN	mg/l Ammonia	mg/l Nitrate/Nitrite	°C Temp	CFU/ 100ml E.coli/ Colilert	Comments
3850	L76	1419	Licking River	downs with Slate; first riffle plus 100 m	Bath	Barnette	9:35	9/13/2014	4	>1.5	2	7.4	7	200						20	462	
3851	L113	1456	Slate Creek	0.25 mi upst of confluence with Licking River	Bath	Barnette	9:15	9/13/2014	4	0.1	2	7.4	7.5	210						20	1096	
3570		3155	South Fk Gunpowder	at South Fork Park just upstream of wooden bridge	Boone	Reddy	10:30	9/13/2014	3	0	1	7	8	760						17	374	
3693		3351	Woolper Creek	East side of inters of Petersburg Rd & Graves Rd	Boone	Kaeff	9:30	9/13/2014	3	1	0	7.5	7	620						16	1424	
2580	L42	1386	Houston Creek	Railroad Bridge on Fithian Ave.	Bourbon	Williams	10:35	9/13/2014	4	>1.5		6.6	7.3	620						17.5	296	
3548	L43	1387	Stoner Creek	Coulthard Lane	Bourbon	Estes	10:55	9/13/2014	4	0	2	5.5	7	260						19	170	
3662	L47	1391	Townsend Creek	500' above US 27 bridge	Bourbon	Hines	10:40	9/13/2014	4	0.5	1	6.5	7.5	440						19	690	
3550	L79	1422	Hinkston Creek	Steel Ford Bridge	Bourbon	Rauf	10:29	9/13/2014	4	0.1	3	6	7.5	290						19	342	
2579	L188	1505	Stoner Creek	US 68 Bridge in North Paris	Bourbon	VanMeter	10:50	9/13/2014	4	>1.5	2	5.8	7	260							268	
3554	L218	1535	Stoner Creek	Approx 50 yds upstream mouth behind old Ruddles Mills gas station	Bourbon	Bruening	11:55	9/13/2014	5	0.1	3	5.6	7.5	410						19.5	150	
3555	L225	1537	Hinkston Creek	Ruddles Mills behind old service station, 50 yds upst from mouth	Bourbon	Bruening	12:03	9/13/2014	5	0.1	3	5.8	7.5	290						19	402	
3926		3151	Cooper Run	100 yds upstream of moouth into Stoner Creek	Bourbon	Simpson	11:05	9/13/2014	3	0	1	7.8	8	480						18	390	
2581		3153	Stoner Creek	at Rocky Shoals off the Hancock Farm just above Paris Water Treatment Plant	Bourbon	Williams	10:10	9/13/2014	4	>1.5	2	5.6	9	270						19	296	
3560		3201	Stoner Creek	on Peacock Road, 1/2 mileupstream of Coopers Run	Bourbon	Estes	10:35	9/13/2014	4	0	2	5.2	7	220						20	290	
3939	L05	1349	Twelvemile Cr	Rt.10 bridge	Campbell	Leopold	9:00	9/13/2014	2	0	2			460	<.033	<1.00	<1.0	<.05	<.10	18		Ohio River Action site
3778	L60	1402	Licking River	Dock at Rowins Club 4th St Bridge	Campbell	Hult	11:15	9/13/2014	2	0.5	2	4.2	6.5	240	0.107	<1.0	<1.0	0.08	0.22	20.3	370	Ohio River Action site

COC ID	Hist. #	Site #	Stream Name	Location	County	Sampler	TIME	DATE	Flow	Rain	Turb	D.O.	pH	Cond	Orthophosphate	Phosphate	TKN	Ammonia	Nitrate/Nitrite	Temp	E.coli/Colilert	Comments	
3285	L192	1509	Trace Fork	At mouth of creek at the driveway bridge	Magoffin	Boyd	11:20	9/9/2014	3	0.5	2	5.3	7.7	250	<.033	<1.0	<1.0	<.05	<.10	4	828		
3839	L235	1546	Licking River	above Richard William's concrete bridge	Magoffin	Boyd	11:40	9/9/2014	4	1	3	5.6	7	210	0.06	<1.0	<1.0	0.58	0.18	8	2422		
3840	L236	1547	Licking River	at Lakesville below Stinson creek at Rt. 867	Magoffin	Boyd	11:48	9/9/2014	4	1	3			210							278		
3841	L237	1548	Salt Lick Creek	100 ft upstream of the Licking at Rt. 7	Magoffin	Boyd	10:50	9/9/2014	4	1	2	6	7.2	280								570	
3842	L446	1715	Brushy Fork	Off Rt. 7 to Brushy Fork Missionary Church	Magoffin	Boyd	9:40	9/9/2014	3	0.1	0	5.6	7.7	980	<.033	<1.0	<1.0	.089	0.13	9	576		
3936	L289	1597	Limestone Cr	Bridge on corner of 3rd St and Bridge Street	Mason	Hult	9:00	9/13/2014	1	0.5	3	3.1	6.5	420	.108	<1.0	<1.0	0.25	0.34	19		Ohio River Action site	
3855	L61	1403	Hinkston Creek	South on Rt. 11, Calk Rd, North side of Culvert	Montgomery	Tonning	12:20	9/9/2014	3	0	3	4.6	8.5	510						21.5	18278		
3528	L62	1405	Hinkston Creek	1.1 mile down Hinkston Rd at sewage pumping station	Montgomery	George	11:45	9/9/2014	3	0	0	8.2	8.5	630						21	1366		
3604	L431	1701	North Fork Licking	Just downstream of Rt. 711 Bridge	Morgan	VonGruenigen	10:25	9/9/2014	3	0.1	2	6.8	7.3	160						20	4196		
3547	L41	1385	Hinkston Creek	At Jackstown Bridge on HWY13	Nicholas	Halpin	9:13	9/13/2014	4	0.3	3	5.8	7.5	390						19	844		
3768	L07	1351	Licking River	US 27 at Butler	Pendleton	Thaxton	9:48	9/13/2014	4	0.5	3	7.4	7.5	270						22	584		
3769	L34	1378	South Fk of Licking	.2mi above dam at US27 bridge	Pendleton	Cottle	9:25	9/13/2014	4	0.5	3	6.8	7.8	365						20	1146		
3935	L54	1398	South Fk of Licking	Hays Station Rd bridge	Pendleton	Dugan	N/A	9/13/2014	N/A	N/A	N/A	N/A	N/A	N/A						N/A		No Sample or Field Parameters	
3552	L127	1466	South Fk of Licking	Falmouth, below US 27 bridge	Pendleton	Kutscher	10:33	9/13/2014	3	0.25	3	6.5	7.6	370						20	1428		
3553	L128	1467	Licking River	Above confluence with South Fork of Licking River	Pendleton	Kutscher	11:04	9/13/2014	3	0.25	3	7.2	7.6	270						20	374		
3928		2912	Licking River	Below the Butler intake behind the community building	Pendleton	Kutscher	N/A	9/13/2014	4	0.1	3	N/A	N/A	N/A						N/A		No Sample	
3561		3212	Harris Creek	mouth of Harris Creek at Boston KY; feeds main stem of Licking River	Pendleton	Johnson	9:00	9/13/2014	3	1	0	8.4	7.6	410	0.28	<1.0	<1.0	<.05	0.45	16	60		
3565		3322	Willow Creek	Willow Ck Bridge ON Galloway Road	Pendleton	DeVaney	11:00	9/13/2014	3	0.25	0	4.1	7.3	340						18	20		
3566		3323	Little Willow Creek	100 ft downstream of bridge on Milford Road	Pendleton	DeVaney	11:19	9/13/2014	3	0.25	0	8.6	7.2	390						18	82		
3856	L404	1679	N Fk Triplett Ck	Behind City Softball Field	Rowan	Haight	8:45	9/9/2014	3	0.1	0	6.6	6.75	40						20	62		
3556	L473	1740	Laurel Fork	At mouth of Craney Creek	Rowan	Doerrfeld	12:30	9/9/2014	2	0	0	9	7.5	105						22	104		
3853	L502	1745	Christy Creek	Behind Christy Ck Trailer Court	Rowan	Collins-Bonney	11:35	9/9/2014	3	0	0	8.8	8	240						23	104		
3854	L503	1746	Dry Creek	Above Bridge on 519 after Dry Ck Road	Rowan	Collins-Bonney	14:35	9/9/2014	3	0	0	9.2	8.25	290						24	264		
3557	L504	1747	Craney Creek	1/4 m dwnst of mouth of Laurel Fork	Rowan	Doerrfeld	12:45	9/9/2014	2	0	0	9	7	105						21	40		