

**Lexington-Fayette Urban County Government Stream Monitoring Program
2026 1st Quarter Scheduled Water Quality Sampling Results**

Benchmark: < 500 > 4 < 31.7 > 6, < 9 < 80 < 240 < 0.019 < 0.5 < 0.5 < 0.05 < 2

Route	Site ID	Watershed	Date	Time	Sample	Event	Sampling Team	SpC uS/cm	DO mg/L	DOSAT %	TEMP °C	PH SU	Water Depth (ft)	FLOW cfs	TSS mg/L	E. coli MPN/100mL	CL mg/L	TP mg/L	NH ₃ -N mg/L	NH ₃ mg/L	NO ₃ -N mg/L	NO ₂ -N mg/L	TKN-N mg/L	TN mg/L
A	CR-04	Cane Run	3/11	11:20	Grab	Dry	Davis, J., Hensley, G., Cooke, K.	987	11.87	126.5	16.95	7.27	1.50	2.77	4	< 100	0.00	0.162	0.010	0.000	1.260	0.007	0.399	1.67
A	CR-07	Cane Run	3/11	10:20	Grab	Dry	Davis, J., Hensley, G., Cooke, K.	1,156	11.47	119.1	15.15	7.31	0.01	7.12	5	306	0.00	0.095	0.019	0.000	1.900	0.012	0.536	2.45
A	CR-08	Cane Run	3/11	10:50	Grab	Dry	Davis, J., Hensley, G., Cooke, K.	981	11.78	125.5	16.25	7.80	0.20	2.47	7	516	0.00	0.104	0.018	0.000	2.770	0.014	1.000	3.78
A	CR-10	Cane Run	3/11	11:50	Grab	Dry	Davis, J., Hensley, G., Cooke, K.	873	12.42	133.4	16.73	7.51	0.02	19.15	18	1,078	0.00	0.127	0.050	0.001	2.580	0.025	0.348	2.95
A	CR-S3	Cane Run	3/11	9:25	Grab	Dry	Davis, J., Hensley, G., Cooke, K.	600	10.67	108.0	14.07	6.82	1.28	14.60	7	100	0.00	0.263	0.021	0.000	4.340	0.016	0.750	5.11
B	BC-02	Boone Creek	3/11	9:40	Grab	Dry	Hogan, K., Hall, C., Merkin, Z., Hutcheson, B.	572	9.22	94.0	14.48	8.00	0.20	3.51	15	100	0.00	0.193	0.032	0.001	1.960	0.008	1.450	3.42
B	EH-02	East Hickman Creek	3/11	11:50	Grab	Dry	Hogan, K., Hall, C., Merkin, Z., Hutcheson, B.	532	11.06	113.5	15.11	8.10	0.80	98.25	9	< 100	0.05	0.285	0.046	0.002	0.796	0.012	4.650	5.46
B	EH-05	East Hickman Creek	3/11	11:15	Grab	Dry	Hogan, K., Hall, C., Merkin, Z., Hutcheson, B.	731	9.70	95.0	13.29	7.96	2.46	33.61	6	100	0.04	1.590	0.099	0.003	0.463	0.012	2.820	3.30
B	EH-13	East Hickman Creek	3/11	10:36	Grab	Dry	Hogan, K., Hall, C., Merkin, Z., Hutcheson, B.	328	9.77	98.0	13.90	7.77	0.70	5.54	37	306	0.04	1.040	0.036	0.001	1.680	0.008	3.310	5.00
C	EH-09	East Hickman Creek	3/11	9:36	Grab	Dry	Jones, C., Graetz, M., Martinez, J., Pike, J.	599	6.23	66.8	16.88	7.62	0.50	0.94	5	< 100	0.00	0.142	0.154	0.002	0.677	0.019	0.712	1.41
C	EH-10 / EH-S10	East Hickman Creek	3/11	10:07	Grab	Dry	Jones, C., Graetz, M., Martinez, J., Pike, J.	841	8.44	90.2	16.69	7.91	1.63	0.63	3	< 100	0.11	0.037	0.044	0.001	0.518	0.012	2.440	2.97
C	EH-11	East Hickman Creek	3/11	10:40	Grab	Dry	Jones, C., Graetz, M., Martinez, J., Pike, J.	496	7.43	78.4	15.86	7.75	0.40	3.37	5	< 100	0.07	0.035	0.042	0.001	1.010	0.013	3.990	5.01
C	NE-02	North Elkhorn Creek	3/11	11:20	Grab	Dry	Jones, C., Graetz, M., Martinez, J., Pike, J.	377	9.87	104.5	16.39	8.01	1.50	8.20	22	405	0.01	0.148	0.028	0.001	2.170	0.011	0.105	2.29
C	NE-11	North Elkhorn Creek	3/11	12:08	Grab	Dry	Jones, C., Graetz, M., Martinez, J., Pike, J.	349	9.21	99.6	17.56	7.96	0.60	30.05	6	100	0.14	0.066	0.028	0.001	0.690	0.015	1.100	1.81
D	NE-01	North Elkhorn Creek	3/11	10:10	Grab	Dry	Embry, A., Weisenfluh, J., Day, F., Cashen, T.	587	8.20	90.0	16.01	7.85	1.50	53.51	12	100	0.00	0.058	0.023	0.001	1.590	0.010	0.315	1.92
D	NE-03	North Elkhorn Creek	3/11	10:35	Grab	Dry	Embry, A., Weisenfluh, J., Day, F., Cashen, T.	515	8.43	86.0	15.25	7.52	0.20	5.38	8	< 100	0.00	0.332	0.019	0.000	1.090	0.007	0.290	1.39
D	NE-04	North Elkhorn Creek	3/11	10:55	Grab	Dry	Embry, A., Weisenfluh, J., Day, F., Cashen, T.	1,072	13.24	146.3	16.96	8.08	1.10	2.21	5	1,712	0.00	0.241	0.019	0.001	0.839	0.017	0.390	1.25
D	NE-05	North Elkhorn Creek	3/11	11:20	Grab	Dry	Embry, A., Weisenfluh, J., Day, F., Cashen, T.	919	14.76	157.5	16.53	8.02	0.30	2.72	4	1,712	0.00	0.139	0.015	0.001	1.320	0.020	0.307	1.65
D	NE-06	North Elkhorn Creek	3/11	11:35	Grab	Dry	Embry, A., Weisenfluh, J., Day, F., Cashen, T.	1,111	14.28	154.0	17.40	8.17	0.90	28.99	5	202	0.00	1.330	0.011	0.001	0.675	0.018	0.335	1.03
D	NE-13	North Elkhorn Creek	3/11	9:35	Grab	Dry	Embry, A., Weisenfluh, J., Day, F., Cashen, T.	419	9.43	97.8	15.27	7.86	0.90	57.49	10	< 100	0.00	0.295	0.028	0.001	1.300	0.017	0.881	2.20
E	SE-05	South Elkhorn Creek	3/12	9:15	Grab	Dry	Coslow, J., Weisenfluh, J., Walker, J., Tillson, P.	679	8.21	75.3	10.03	7.62	0.84	14.71	7	< 100	0.00	0.227	0.025	0.000	2.590	0.008	0.341	2.94
E	SE-07	South Elkhorn Creek	3/12	9:39	Grab	Dry	Coslow, J., Weisenfluh, J., Walker, J., Tillson, P.	978	9.31	84.9	9.83	7.84	0.05	3.55	5	413	0.00	0.181	0.010	0.000	2.360	0.003	0.338	2.70
E	SE-08	South Elkhorn Creek	3/12	10:00	Grab	Dry	Coslow, J., Weisenfluh, J., Walker, J., Tillson, P.	852	8.27	75.1	9.70	7.80	0.43	17.94	5	960	0.00	0.188	0.038	0.001	2.240	0.019	2.030	4.29
E	SE-12	South Elkhorn Creek	3/12	10:20	Grab	Dry	Coslow, J., Weisenfluh, J., Walker, J., Tillson, P.	1,119	8.70	80.9	9.70	7.80	0.64	8.61	6	409	0.00	0.167	0.022	0.000	1.400	0.007	2.520	3.93
E	SE-13	South Elkhorn Creek	3/12	10:40	Grab	Dry	Coslow, J., Weisenfluh, J., Walker, J., Tillson, P.	1,427	8.85	80.5	9.20	6.90	0.15	0.48	5	100	0.00	0.030	0.015	0.000	1.180	0.005	0.800	1.99
F	SE-02	South Elkhorn Creek	3/12	9:23	Grab	Dry	Parnass, F., Richey, P., Claiborn, T., Anderson, P.	855	8.05	76.4	10.22	7.67	0.60	1.01	5	202	0.00	0.300	0.008	0.000	2.350	0.001	0.328	2.68
F	SE-03	South Elkhorn Creek	3/12	9:52	Grab	Dry	Parnass, F., Richey, P., Claiborn, T., Anderson, P.	1,161	8.70	86.4	10.72	7.24	0.90	22.54	2	413	0.00	0.250	0.008	0.000	2.420	0.001	1.480	3.90
F	WR-08	Wolf Run	3/12	10:21	Grab	Dry	Parnass, F., Richey, P., Claiborn, T., Anderson, P.	742	7.75	69.9	9.93	7.83	0.70	7.38	3	1,089	0.02	0.275	0.022	0.000	2.810	0.001	1.350	4.16
F	WR-11	Wolf Run	3/12	10:41	Grab	Dry	Parnass, F., Richey, P., Claiborn, T., Anderson, P.	1,110	11.38	104.8	8.66	8.18	0.04	0.96	4	969	0.00	0.216	0.015	0.000	1.500	0.001	0.732	2.23
F	WR-13	Wolf Run	3/12	11:06	Grab	Dry	Parnass, F., Richey, P., Claiborn, T., Anderson, P.	814	8.50	83.4	12.59	7.80	0.10	5.02	28	745	0.00	0.520	0.019	0.000	3.060	0.001	0.408	3.47
G	WR-02	Wolf Run	3/12	8:49	Grab	Dry	Jones, C., Wilcox, W., Davis, J.	1,050	8.60	85.5	13.86	7.40	0.60	27.09	3	< 100	0.00	0.287	0.006	0.000	2.440	0.001	0.721	3.16
G	WR-03	Wolf Run	3/12	9:18	Grab	Dry	Jones, C., Wilcox, W., Davis, J.	86	9.04	89.0	9.20	7.95	0.40	2.47	4	521	0.00	0.324	0.013	0.000	0.037	0.007	0.282	0.33
G	WR-04	Wolf Run	3/12	9:48	Grab	Dry	Jones, C., Wilcox, W., Davis, J.	723	11.47	107.8	10.08	8.10	0.24	2.58	-1	413	0.00	0.314	0.011	0.000	2.400	0.009	1.710	4.12
G	WR-05	Wolf Run	3/12	9:53	Grab	Dry	Jones, C., Wilcox, W., Davis, J.	655	9.20	84.8	10.09	7.81	0.40	4.94	6	< 100	0.00	0.315	0.022	0.000	2.190	0.008	1.510	3.71
G	WR-06	Wolf Run	3/12	10:44	Grab	Dry	Jones, C., Wilcox, W., Davis, J.	690	8.94	81.7	10.01	7.80	0.23	1.36	5	100	0.00	0.301	0.021	0.000	2.510	0.011	1.310	3.83
H	TB-02	Town Branch	3/11	10:49	Grab	Dry	Miller, K., Richey, P., Johnson, K., Anderson, P.	464	8.66	90.7	14.01	7.84	1.85	5.69	9	< 100	0.02	0.169	0.013	0.000	1.800	0.005	0.840	2.65
H	TB-03	Town Branch	3/11	10:30	Grab	Dry	Miller, K., Richey, P., Johnson, K., Anderson, P.	598	7.39	79.5	16.45	7.68	0.60	12.04	15	100	0.00	0.062	0.034	0.001	1.130	0.013	1.840	2.98

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Benchmark: < 500 > 4 < 31.7 > 6, < 9 < 80 < 240 < 0.019 < 0.5 < 0.5 < 0.05 < 2

Route	Site ID	Watershed	Date	Time	Sample	Event	Sampling Team	SpC uS/cm	DO mg/L	DOSAT %	TEMP °C	PH SU	Water Depth (ft)	FLOW cfs	TSS mg/L	E. coli MPN/100mL	CL mg/L	TP mg/L	NH ₃ -N mg/L	NH ₃ mg/L	NO ₃ -N mg/L	NO ₂ -N mg/L	TKN-N mg/L	TN mg/L
H	TB-05	Town Branch	3/11	10:06	Grab	Dry	Miller, K., Richey, P., Johnson, K., Anderson, P.	3,935	0.52	15.0	16.44	7.26	0.30	1.12	34	< 100	0.00	0.089	0.032	0.000	0.221	0.003	3.630	3.85
H	TB-06	Town Branch	3/11	9:33	Grab	Dry	Miller, K., Richey, P., Johnson, K., Anderson, P.	707	7.64	82.0	16.01	7.67	0.50	68.94	8	< 100	0.01	0.055	0.113	0.002	7.850	0.205	2.400	10.46
H	TB-S1	Town Branch	3/11	9:09	Grab	Dry	Miller, K., Richey, P., Johnson, K., Anderson, P.	1,037	5.54	63.2	15.82	7.72	1.05	80.18	4	521	0.05	0.104	0.015	0.000	3.360	0.007	0.731	4.10
I	WH-02	West Hickman Creek	3/12	10:47	Grab	Int	Cotton, B., Bell, S., Day, F., Watkins, R.	985	10.83	100.7	10.50	8.10	0.52	57.96	4	413	0.00	0.299	0.011	0.000	1.570	0.012	3.920	5.50
I	WH-05	West Hickman Creek	3/12	9:43	Grab	Int	Cotton, B., Bell, S., Day, F., Watkins, R.	779	8.12	73.3	9.63	7.99	0.48	34.53	4	306	0.03	0.143	0.050	0.001	0.958	0.012	1.110	2.08
I	WH-06	West Hickman Creek	3/12	10:09	Grab	Int	Cotton, B., Bell, S., Day, F., Watkins, R.	1,258	9.40	83.8	9.62	8.09	0.28	16.23	5	413	0.00	0.221	0.019	0.000	2.400	0.006	0.173	2.58
I	WH-12	West Hickman Creek	3/12	9:15	Grab	Int	Cotton, B., Bell, S., Day, F., Watkins, R.	883	5.18	46.2	8.62	7.80	1.00	50.67	7	7,665	0.00	0.119	0.305	0.004	1.950	0.038	1.040	3.03
I	WH-23 / WH-S3	West Hickman Creek	3/12	11:10	Grab	Int	Cotton, B., Bell, S., Day, F., Watkins, R.	815	7.94	77.0	13.48	7.62	1.28	45.22	7	100	0.04	1.330	0.076	0.001	5.230	0.154	1.370	6.75
J	WH-13	West Hickman Creek	3/12	9:23	Grab	Int	Archer, C., Collins, K., Stone, E., Farrer, A.	756	9.40	85.8	9.80	7.19	0.80	1.54	6	100	0.00	0.067	0.031	0.000	0.303	0.006	1.690	2.00
J	WH-15	West Hickman Creek	3/12	10:00	Grab	Int	Archer, C., Collins, K., Stone, E., Farrer, A.	770	9.33	85.8	10.01	7.46	0.40	5.43	5	306	0.00	0.262	0.038	0.000	2.220	0.008	1.080	3.31
J	WH-18	West Hickman Creek	3/12	10:30	Grab	Int	Archer, C., Collins, K., Stone, E., Farrer, A.	757	9.45	87.5	10.44	8.19	0.58	0.50	5	100	0.00	0.051	0.039	0.001	0.272	0.005	0.954	1.23
J	WH-20	West Hickman Creek	3/12	11:00	Grab	Int	Archer, C., Collins, K., Stone, E., Farrer, A.	707	9.60	92.5	12.24	8.56	0.60	31.71	7	100	0.03	0.047	0.018	0.002	0.074	0.003	1.530	1.61
J	WH-22	West Hickman Creek	3/12	11:30	Grab	Int	Archer, C., Collins, K., Stone, E., Farrer, A.	699	8.32	79.5	11.72	8.10	0.98	11.07	36	< 100	0.13	0.208	0.477	0.015	0.734	0.028	1.320	2.08
K	CR-05 / CR-S2	Cane Run	3/11	11:00	Grab	Dry	McGregor, R., Robinson, A.	1,026	7.60	77.0	15.70	7.70	1.18	5.54	7	413	0.08	0.295	0.009	0.000	2.460	0.004	0.094	2.56
K	TB-01 / TB-S3	Town Branch	3/11	10:15	Grab	Dry	McGregor, R., Robinson, A.	929	8.00	81.0	15.90	7.50	1.81	66.50	7	< 100	0.00	0.282	0.124	0.001	6.860	0.158	0.567	7.59
K	TB-08	Town Branch	3/11	9:10	Grab	Dry	McGregor, R., Robinson, A.	940	8.60	87.0	16.00	7.30	0.90	107.71	18	202	0.00	0.197	0.153	0.001	9.640	0.303	0.995	10.94
K	TB-12	Town Branch	3/11	11:30	Grab	Dry	McGregor, R., Robinson, A.	1,051	7.40	75.0	16.20	7.60	0.80	28.56	2	3,225	0.03	0.136	0.022	0.000	3.620	0.009	0.069	3.70
K	TB-S2	Town Branch	3/11	9:40	Grab	Dry	McGregor, R., Robinson, A.	963	8.90	91.0	16.10	7.50	0.93	61.30	8	202	0.00	0.070	0.148	0.002	9.630	0.283	0.000	9.91
L	EH-01 / EH-S9	East Hickman Creek	3/11	9:20	Grab	Dry	Remley, B., Olson, C.	579	8.00	77.6	14.60	7.80	1.95	24.40	8	100	0.10	0.152	0.066	0.001	1.410	0.016	1.960	3.39
L	EH-03	East Hickman Creek	3/11	9:45	Grab	Dry	Remley, B., Olson, C.	648	6.50	62.8	14.30	7.80	0.84	77.04	6	< 100	0.15	0.673	0.024	0.000	1.780	0.011	1.460	3.25
L	NE-08 / NE-S3	North Elkhorn Creek	3/11	10:25	Grab	Dry	Remley, B., Olson, C.	842	7.20	73.7	16.30	7.90	2.26	4.21	4	100	0.02	0.244	0.030	0.001	0.636	0.010	2.240	2.89
L	NE-12	North Elkhorn Creek	3/11	11:00	Grab	Dry	Remley, B., Olson, C.	897	8.70	88.1	16.10	7.90	1.10	64.38	7	201	0.01	0.298	0.022	0.001	0.954	0.009	0.233	1.20
M	SE-01 / SE-S1	South Elkhorn Creek	3/12	9:25	Grab	Dry	McGregor, R., Robinson, A.	648	11.00	98.0	10.10	7.80	5.63	220.00	4	100	0.00	0.299	0.028	0.000	2.300	0.008	0.643	2.95
M	WH-01	West Hickman Creek	3/12	10:25	Grab	Int	McGregor, R., Robinson, A.	1,038	13.90	123.0	9.80	8.30	0.38	4.50	3	100	0.03	0.139	0.009	0.000	1.410	0.010	0.244	1.66
M	WH-03 / WH-S0	West Hickman Creek	3/12	10:00	Grab	Int	McGregor, R., Robinson, A.	865	10.90	97.0	10.00	7.90	1.52	14.70	4	738	0.00	0.175	0.048	0.001	1.400	0.012	0.577	1.99
M	WR-01 / WR-S2	Wolf Run	3/12	8:55	Grab	Dry	McGregor, R., Robinson, A.	819	10.20	92.0	10.70	7.70	1.42	17.80	5	632	0.01	0.288	0.021	0.000	2.300	0.007	0.636	2.94
A	CR-S3	Cane Run	3/11	9:35	Duplicate	Dry	Davis, J., Hensley, G., Cooke, K.	597	10.71	109.3	14.53	7.00	1.28	14.60	8	199	0.00	0.278	0.021	0.000	4.250	0.017	0.639	4.91
C	NE-02	North Elkhorn Creek	3/11	11:20	Duplicate	Dry	Jones, C., Graetz, M., Martinez, J., Pike, J.	427	9.20	98.6	16.41	8.04	1.50	8.20	22	309	0.07	0.163	0.028	0.001	2.200	0.014	0.096	2.31
E	SE-05	South Elkhorn Creek	3/12	9:15	Duplicate	Dry	Coslow, J., Weisenfluh, J., Walker, J., Tillson, P.	679	8.32	76.6	10.01	7.94	0.84	14.71	11	306	0.00	0.240	0.028	0.001	2.560	0.010	0.424	2.99
G	WR-06	Wolf Run	3/12	10:44	Duplicate	Dry	Jones, C., Wilcox, W., Davis, J.	684	9.02	82.0	10.12	7.77	0.23	1.36	3	413	0.00	0.310	0.024	0.000	2.540	0.011	1.400	3.95
I	WH-06	West Hickman Creek	3/12	10:09	Duplicate	Int	Cotton, B., Bell, S., Day, F., Watkins, R.	1,166	9.51	85.0	9.62	8.14	0.28	16.23	6	521	0.00	0.212	0.014	0.000	2.370	0.006	0.192	2.57
K	TB-01 / TB-S3	Town Branch	3/11	10:30	Duplicate	Dry	McGregor, R., Robinson, A.	931	7.80	79.0	15.90	7.60	1.81	66.50	9	100	0.01	0.290	0.119	0.002	6.720	0.156	0.405	7.28
M	WH-01	West Hickman Creek	3/12	10:40	Duplicate	Int	McGregor, R., Robinson, A.	1,036	12.90	120.0	9.90	8.20	0.38	4.50	2	< 100	0.05	0.138	0.010	0.000	1.350	0.010	0.253	1.61

**Lexington-Fayette Urban County Government Stream Monitoring Program
2026 1st Quarter Scheduled Water Quality Sampling Results Key**

Header Code	Parameter	Units	Numeric Benchmark	Test Method
CL	Chlorine	mg/L	< 0.019	Hanna Checker
DO	Dissolved Oxygen	mg/L	> 4.0	Measured <i>In Situ</i>
DOSAT	Dissolved Oxygen Saturation	%		Measured <i>In Situ</i>
<i>E. coli</i>	<i>E. coli</i>	CFU/100mL	< 240	Colilert-18®
NH ₃	Unionized Ammonia	mg/L	< 0.5	by Calculation
NH ₃ -N	Ammonia as N	mg/L	< 0.5	Hach 10205
NO ₂ -N	Nitrite as N	mg/L		Hach 8507 (1979)
NO ₃ -N	Nitrate as N	mg/L		Hach 10206
pH	pH	SU	< 6.0 - > 9.0	Measured <i>In Situ</i>
SpC	Specific Conductance	uS/cm	< 500	Measured <i>In Situ</i>
TEMP	Water Temperature (°C)	°C	< 31.7	Measured <i>In Situ</i>
TKN-N	Total Kjeldahl Nitrogen as N	mg/L		Hach 10242
TN	Total Nitrogen	mg/L	< 2.0	By Calculation
TP	Total Phosphorus as P	mg/L	< 0.5	Hach 10210
TSS	Total Suspended Solids	mg/L	< 80	SM 2540 D-2015