

2007 KRWW Metals Sampling Results
(metals with associated water quality standards and 2007 KRWW sampling detections)

Site ID	Collection Date	Waterbody	Barium (mg/L)	Beryllium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Manganese (mg/L)	Nickel (mg/L)	Zinc (mg/L)
Water Quality Standard			< 1 (DWS*)	< 0.053 (WAH*)	< 0.011 (WAH) < 0.05 (DWS)	< 0.0012 (WAH) < 1.3 (DWS)	< 1	< 0.05	< 0.158	<0.106
Min. Detection Limit			0.003	0.001	0.024	0.005	0.002	0.001	0.002	0.002
K005	14-Sep-07	Cane Run	0.04	Less Than MDL	Less Than MDL	Less Than MDL	0.17	0.13	Less Than MDL	0.01
K017	16-Sep-07	Sandlick Creek	0.07	Less Than MDL	0.03	Less Than MDL	0.24	0.06	Less Than MDL	Less Than MDL
K050	16-Sep-07	Benson Creek	0.04	Less Than MDL	Less Than MDL	Less Than MDL	0.13	0.04	Less Than MDL	0.02
K055	16-Sep-07	Town Branch	0.05	Less Than MDL	Less Than MDL	Less Than MDL	0.19	0.06	Less Than MDL	0.04
K062	16-Sep-07	N. Fork Ky River	0.07	Less Than MDL	0.03	Less Than MDL	0.27	0.09	Less Than MDL	Less Than MDL
K063	16-Sep-07	Pine Creek	0.07	Less Than MDL	Less Than MDL	Less Than MDL	0.47	0.3	Less Than MDL	0.02
K081	17-Sep-07	N. Fork Ky River	0.11	Less Than MDL	0.026	Less Than MDL	0.56	0.06	Less Than MDL	0.03
K082	17-Sep-07	N. Fork Ky River	0.08	Less Than MDL	0.026	Less Than MDL	0.41	0.1	Less Than MDL	0.02
K083	16-Sep-07	Lotts Creek	0.07	Less Than MDL	0.06	Less Than MDL	0.21	0.04	Less Than MDL	Less Than MDL
K090	16-Sep-07	Quicksand Creek	0.06	Less Than MDL	Less Than MDL	Less Than MDL	0.41	0.09	Less Than MDL	0.002
K095	15-Sep-07	Red River	0.08	Less Than MDL	Less Than MDL	Less Than MDL	1.46	0.14	Less Than MDL	0.01
K104	16-Sep-07	Rockhouse Creek	0.08	Less Than MDL	0.03	Less Than MDL	0.21	0.04	Less Than MDL	Less Than MDL
K105	16-Sep-07	Blair Branch	0.12	Less Than MDL	Less Than MDL	Less Than MDL	0.13	0.17	Less Than MDL	0.009
K112	17-Sep-07	N. Fork Ky River	0.07	Less Than MDL	Less Than MDL	Less Than MDL	0.33	0.15	Less Than MDL	0.03
K114	17-Sep-07	Crafts Colley Creek	0.1	Less Than MDL	0.03	Less Than MDL	0.95	0.2	Less Than MDL	0.004
K116	16-Sep-07	Blair Branch	0.07	Less Than MDL	Less Than MDL	Less Than MDL	0.77	0.12	Less Than MDL	0.009
K135	16-Sep-07	Maces Creek	0.15	Less Than MDL	0.05	Less Than MDL	0.17	0.12	Less Than MDL	Less Than MDL
K141	15-Sep-07	Carr Fork	0.05	Less Than MDL	Less Than MDL	Less Than MDL	0.31	0.06	Less Than MDL	Less Than MDL
K213	16-Sep-07	Quicksand Creek	0.05	Less Than MDL	Less Than MDL	Less Than MDL	0.37	0.12	Less Than MDL	Less Than MDL
K214	16-Sep-07	Quicksand Creek	0.07	Less Than MDL	0.05	Less Than MDL	0.46	0.06	Less Than MDL	0.003
K215	17-Sep-07	Lost Creek	0.04	Less Than MDL	0.11	Less Than MDL	0.21	0.07	Less Than MDL	Less Than MDL
K216	17-Sep-07	Troublesome Creek	0.07	Less Than MDL	0.11	Less Than MDL	0.09	0.09	Less Than MDL	Less Than MDL
K409	16-Sep-07	Kentucky River	0.06	Less Than MDL	Less Than MDL	0.006	0.34	0.21	Less Than MDL	0.009
K437	17-Sep-07	Little Cowan Creek	0.15	Less Than MDL	Less Than MDL	Less Than MDL	10.4	6.15	Less Than MDL	0.03
K447	17-Sep-07	Cowan Creek	0.11	Less Than MDL	0.1	Less Than MDL	1.38	0.13	Less Than MDL	0.06
K451	17-Sep-07	Little Cowan Creek	0.1	Less Than MDL	Less Than MDL	Less Than MDL	0.42	0.12	Less Than MDL	Less Than MDL
K454	15-Sep-07	Red River	0.08	Less Than MDL	Less Than MDL	Less Than MDL	0.21	0.12	Less Than MDL	Less Than MDL
K471	15-Sep-07	Vaughns Branch	0.06	Less Than MDL	Less Than MDL	Less Than MDL	0.31	0.26	Less Than MDL	Less Than MDL
K473	16-Sep-07	Fish Pond Lake	0.05	Less Than MDL	0.03	Less Than MDL	0.13	0.02	Less Than MDL	Less Than MDL
K476	17-Sep-07	Dry Fork	0.03	Less Than MDL	Less Than MDL	Less Than MDL	0.26	0.16	Less Than MDL	Less Than MDL
K478	16-Sep-07	Millstone Creek	0.05	Less Than MDL	0.03	Less Than MDL	0.34	0.06	Less Than MDL	Less Than MDL
K480	17-Sep-07	Cowan Creek	0.15	Less Than MDL	Less Than MDL	Less Than MDL	1.74	1.15	Less Than MDL	0.003
K481	17-Sep-07	Little Dry Fork	0.02	Less Than MDL	Less Than MDL	Less Than MDL	12.3	1.61	Less Than MDL	Less Than MDL

K483	16-Sep-07	Henry Ison Hollow	0.09	Less Than MDL	0.07	Less Than MDL	0.12	0.02	Less Than MDL	Less Than MDL
K484	16-Sep-07	Cram Creek	0.07	Less Than MDL	Less Than MDL	Less Than MDL	0.18	0.02	Less Than MDL	0.004
K485	16-Sep-07	Cram Creek	0.08	Less Than MDL	Less Than MDL	Less Than MDL	0.37	0.03	Less Than MDL	0.01
K491	17-Sep-07	N. Fork Ky River	0.08	Less Than MDL	0.025	Less Than MDL	0.24	0.04	Less Than MDL	Less Than MDL
K492	17-Sep-07	Carr Fork	0.04	Less Than MDL	0.04	Less Than MDL	0.16	0.03	Less Than MDL	Less Than MDL
K519	17-Sep-07	Pert Creek	0.08	Less Than MDL	0.07	Less Than MDL	0.06	0.02	Less Than MDL	Less Than MDL
K534	17-Sep-07	Cowan Creek	0.11	Less Than MDL	0.03	Less Than MDL	0.24	0.03	Less Than MDL	0.004
K535	17-Sep-07	Sturgill Branch	0.09	Less Than MDL	0.12	Less Than MDL	0.27	0.11	Less Than MDL	0.15
K536	17-Sep-07	Long Branch	0.06	Less Than MDL	0.15	Less Than MDL	0.24	0.02	Less Than MDL	0.004
K542	16-Sep-07	Sandlick Creek	0.03	0.02	0.07	0.09	6.69	13.2	0.88	2.19
K543	15-Sep-07	Clark's Run	0.05	Less Than MDL	Less Than MDL	Less Than MDL	0.22	0.07	0.002	0.002
K548	15-Sep-07	Cane Run	0.04	Less Than MDL	Less Than MDL	Less Than MDL	0.02	0.007	0.002	Less Than MDL
K549	15-Sep-07	Curds Creek	0.04	Less Than MDL	Less Than MDL	Less Than MDL	0.06	0.009	0.002	Less Than MDL
K550	15-Sep-07	Herrington Lake	0.05	Less Than MDL	Less Than MDL	Less Than MDL	0.04	0.006	0.002	Less Than MDL
K551	13-Sep-07	UT to South Elkhorn	0.06	Less Than MDL	Less Than MDL	Less Than MDL	0.06	0.05	0.002	Less Than MDL
K552	15-Sep-07	Silver Creek	0.04	Less Than MDL	Less Than MDL	Less Than MDL	0.46	0.12	0.006	Less Than MDL
K553	15-Sep-07	Brushy Creek	0.03	Less Than MDL	Less Than MDL	Less Than MDL	1.01	0.13	0.006	0.01
K554	16-Sep-07	Brushy Creek	0.02	Less Than MDL	Less Than MDL	Less Than MDL	0.97	0.12	0.006	0.01
K555	15-Sep-07	Rocky Fork	0.04	Less Than MDL	Less Than MDL	Less Than MDL	0.03	0.006	Less Than MDL	Less Than MDL
K556	15-Sep-07	Cane Run	0.04	Less Than MDL	Less Than MDL	Less Than MDL	0.06	0.04	Less Than MDL	Less Than MDL
K562	15-Sep-07	Rocky Fork	0.04	Less Than MDL	Less Than MDL	Less Than MDL	0.07	0.01	0.002	Less Than MDL
K565	16-Sep-07	North Fork KY River	0.03	Less Than MDL	0.027	Less Than MDL	11.3	1.73	0.08	0.08
K566	17-Sep-07	Boone Fork	0.07	Less Than MDL	0.03	Less Than MDL	0.34	0.05	Less Than MDL	Less Than MDL
K567	17-Sep-07	North Fork KY River	0.09	Less Than MDL	0.04	Less Than MDL	0.15	0.06	Less Than MDL	Less Than MDL
K568	17-Sep-07	Little Cowan	0.08	Less Than MDL	Less Than MDL	Less Than MDL	0.13	0.03	Less Than MDL	Less Than MDL
K569	16-Sep-07	Blair Branch	0.05	Less Than MDL	K	Less Than MDL	0.07	0.006	Less Than MDL	Less Than MDL
K575	16-Sep-07	Left Fork Millstone Cr.	0.06	Less Than MDL	0.05	Less Than MDL	0.6	0.07	Less Than MDL	Less Than MDL
K576	16-Sep-07	Millstone Creek	0.04	Less Than MDL	0.05	Less Than MDL	0.32	0.06	Less Than MDL	Less Than MDL
K577	17-Sep-07	Dry Fork	0.03	Less Than MDL	0.03	Less Than MDL	3.78	0.43	Less Than MDL	Less Than MDL
K578	16-Sep-07	Long Branch	0.03	0.01	0.11	Less Than MDL	2.29	11	0.32	0.77
K579	16-Sep-07	Cane Hollow	0.04	Less Than MDL	0.06	Less Than MDL	24	2.36	0.19	0.17
K580	16-Sep-07	Yellowhouse Branch	0.03	0.01	0.05	0.06	0.92	2.24	0.27	0.54
K581	13-Sep-07	Gluck Stormwater Pond	0.04	Less Than MDL	Less Than MDL	0.05	1.24	0.18	Less Than MDL	0.01
K582	15-Sep-07	Cardinal Run	0.05	Less Than MDL	Less Than MDL	Less Than MDL	0.08	0.04	0.002	Less Than MDL
K583	14-Sep-07	Silver Lake	0.09	Less Than MDL	Less Than MDL	Less Than MDL	2.25	0.5	Less Than MDL	0.004
K584	16-Sep-07	Lick Fork	0.03	Less Than MDL	0.05	Less Than MDL	2.84	0.43	Less Than MDL	Less Than MDL

Other Metals with Water Quality Standards, but NO detections: Antimony, Lead, Selenium, Silver, and Thallium.

* DWS = Drinking Water Supply standard (for Kentucky)

* WAH = Warm Water Aquatic Habitat standard (for Kentucky)

MDL = Maximum Detection Limit (of laboratory equipment)