

05514500 CUIVRE RIVER NEAR TROY, MO--Continued
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1983 to current year.

REMARKS.--National stream-quality accounting network station since October 1986

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SATUR-ATION (00301)	COLI-FORM, (PER-0.7 µM-MF) (COLS./100 ML) (31625)	STREP-TOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL AS CACO ₃ (MG/L) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV 02...	0845	128	421	7.59	10.5	6.0	11.2	99	K132	104	200	62
JAN 03...	1200	194	435	7.50	0.5	6.4	15.0	99	K10	26	180	59
MAR 21...	1300	348	380	8.10	13.0	6.5	12.1	112	K22	54	170	53
MAY 10...	1400	1790	250	7.54	17.0	96	8.9	92	K1900	1520	110	34
JUL 17...	1430	800	291	7.30	25.5	480	5.0	62	1600	K29800	65	21
SEP 12...	0915	93	419	7.68	21.0	14	8.4	95	46	124	180	57

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CaCO ₃) (39086)	CAR-BONATE WATER WH IT FIELD (MG/L AS CO ₃) (00447)	BICAR-BONATE WATER WH IT FIELD (MG/L AS HCO ₃) (00450)	SULFATE DIS-SOLVED (MG/L AS SO ₄) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS Cl) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO ₂) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
NOV 02...	9.9	9.2	3.7	168	0	205	17	23	0.10	7.8	244
JAN 03...	8.9	11.0	4.0	145	0	177	31	16	0.10	6.8	242
MAR 21...	8.4	9.6	3.2	137	0	167	27	12	0.20	5.3	214
MAY 10...	5.1	5.2	4.8	88	0	107	13	7.5	0.20	10	166
JUL 17...	3.1	4.7	8.0	50	0	62	10	8.1	0.20	6.4	124
SEP 12...	8.4	7.4	4.2	180	0	220	16	11	0.20	8.6	236

K--Results based on colony count outside the acceptable range (non-ideal colony count).

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WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN, NO ₂ +NO ₃ DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) AS P) (00671)	ALUM- INUM, DIS- SOLVED (MG/L) AS AL) (01106)
NOV 02...	235	0.33	84	0.010	0.12	0.010	0.46	0.040	0.020	<0.010	<10
JAN 03...	229	0.33	127	<0.010	1.10	0.050	0.37	0.060	0.020	0.020	<10
MAR 21...	203	0.29	201	0.010	0.34	0.030	0.64	0.060	<0.020	0.010	<10
MAY 10...	141	0.23	802	0.050	1.80	0.090	0.75	0.280	0.120	0.110	80
JUL 17...	103	0.17	268	0.070	2.30	0.120	1.8	0.330	0.190	0.130	190
SEP 12...	222	0.32	59	0.010	0.02	0.020	0.41	0.060	0.020	0.010	10

DATE	BARIUM, DIS- SOLVED (MG/L) AS BA) (01005)	COBALT, DIS- SOLVED (MG/L) AS CO) (01035)	IRON, DIS- SOLVED (MG/L) AS FE) (01046)	LITHIUM DIS- SOLVED (MG/L) AS LI) (01130)	MANGA- NESE, DIS- SOLVED (MG/L) AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (MG/L) AS MO) (01060)	NICKEL, DIS- SOLVED (MG/L) AS NI) (01065)	SELE- NIUM, DIS- SOLVED (MG/L) AS SE) (01145)	SILVER, DIS- SOLVED (MG/L) AS AG) (01075)	STRON- TIUM, DIS- SOLVED (MG/L) AS SR) (01080)	VANA- DIUM, DIS- SOLVED (MG/L) AS V) (01085)
NOV 02...	120	<3	11	<4	410	<10	2	<1	<1.0	120	<6
JAN 03...	81	<3	11	<4	230	<10	2	<1	<1.0	110	<6
MAR 21...	87	<3	24	<4	160	<10	1	<1	<1.0	100	<6
MAY 10...	70	<3	77	<4	22	<10	2	<1	<1.0	77	<6
JUL 17...	61	4	200	<4	8	10	2	<1	<1.0	48	<6
SEP 12...	120	4	25	<4	520	10	3	<2	<1.0	120	<6