

07018100 BIG RIVER NEAR RICHWOODS, MO--Continued
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--1963 to 1975, November 1983 to June 1987, November 1992 to current year.

REMARKS.--Reestablished ambient water-quality monitoring network station November 1992.

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

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L) (00300)	OXYGEN, DEMAND, CHEM-ICAL (HIGH-LEVEL) (MG/L) (00340)	COLI-FORM, FECAL, 0.7 µM-MF (COLS./100 ML) (31625)	STREP-TOCOCCI, KF AGAR PER (COLS. 100 ML) (31673)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CaCO ₃) (00410)	
NOV 02...	1230	148	12.5	535	8.4	9.3	86	--	21	210	247
JAN 04...	1030	406	1.0	435	7.9	12.1	82	<10	K9	K3	188
MAR 22...	1000	574	14.5	445	8.2	10.8	104	--	K4	K3	197
APR 25...	1300	1170	14.5	378	8.4	10.0	97	--	100	K61	165
JUN 14...	0830	1070	20.0	339	7.9	7.2	78	<10	M	84	164
JUL 07...	1100	393	24.5	480	7.8	8.5	100	--	42	21	228
AUG 02...	1000	299	27.0	446	8.1	6.6	83	--	K6	36	193

DATE	BICAR-BONATE WATER WH IT FIELD (MG/L AS HCO ₃) (00450)	CAR-BONATE WATER WH IT FIELD (MG/L AS CO ₃) (00447)	NITRO-GEN, NO ₂ +NO ₃ (MG/L AS N) (00630)	NITRO-GEN, NITRITE (MG/L AS N) (00615)	NITRO-GEN, AMMONIA (MG/L AS N) (00610)	NITRO-GEN, AM-MONIA + ORGANIC (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARD-NESS (MG/L AS CaCO ₃) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)
NOV 02...	294	4	<0.020	<0.010	<0.020	<0.20	0.030	0.010	--	--
JAN 04...	229	0	<0.020	<0.010	0.010	<0.20	<0.020	<0.010	250	52
MAR 22...	241	0	0.090	<0.010	0.020	<0.20	<0.020	0.010	--	--
APR 25...	193	4	0.090	<0.010	0.020	0.27	<0.020	0.010	--	--
JUN 14...	201	0	0.210	<0.010	0.020	0.44	<0.020	0.010	160	35
JUL 07...	276	0	0.130	<0.010	0.020	<0.20	<0.020	<0.010	--	--
AUG 02...	239	0	0.100	0.010	0.010	0.20	0.040	0.010	--	--

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)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	ALUM-INUM, TOTAL RECOV-ERABLE (µG/L AS AL) (01105)	ALUM-INUM, DIS-SOLVED (µG/L AS AL) (01106)
JAN 04...	30	5.7	<1.5	41	11.0	<0.10	--	--	40	<20
JUN 14...	17	3.8	1.7	18	5.0	<0.10	180	6	220	20

DATE	CADMIUM TOTAL RECOV-ERABLE (µG/L AS CD) (01027)	CADMIUM DIS-SOLVED (µG/L AS CD) (01025)	COPPER, DIS-SOLVED (µG/L AS CU) (01040)	IRON, DIS-SOLVED (µG/L AS FE) (01046)	LEAD, TOTAL RECOV-ERABLE (µG/L AS PB) (01051)	LEAD, DIS-SOLVED (µG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (µG/L AS MN) (01056)	MERCURY TOTAL RECOV-ERABLE (µG/L AS HG) (71900)	ZINC, TOTAL RECOV-ERABLE (µG/L AS ZN) (01092)	ZINC, DIS-SOLVED (µG/L AS ZN) (01090)
JAN 04...	<1	<1.0	1.5	4	11	<1	22	<0.10	34	<4
JUN 14...	1	<1.0	6	19	64	6	23	0.30	40	15

K--Results based on colony count outside the acceptable range (non-ideal colony count).
M--Result compromised due to contaminated bacteria media.