

WHITE RIVER BASIN

07057750 BRYANT CREEK BELOW EVANS, MO
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

LOCATION.--Lat 36°52'16", long 92°28'18", in NW 1/4 NW 1/4 sec.10, T.25 N., R.14 W., Douglas County, Hydrologic Unit 11010006. Sampling site is located off Highway 14, 12 mi west of Highway 95 intersection, and 13 mi south of Ava.

DRAINAGE AREA.--214 mi².

PERIOD OF RECORD.--November 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DATE	TIME	DIS-CHARGE, INST. (CUBIC FEET PER SECOND) (00061)	TEMPERATURE WATER (DEG C) (00010)	SPECIFIC CONDUCTANCE (µS/cm) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	OXYGEN, DIS-SOLVED (mg/L) (00300)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (mg/L) (00301)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (mg/L) (00340)	COLIFORM, µm-MF (COLS./100 mL) (31625)	STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 mL) (31673)	ALKALINITY WAT WH TOT FET FIELD (mg/L as CaCO ₃) (00410)
NOV 1996											
04...	1400	45	11.5	403	8.25	10.6	97	--	K10	42	211
JAN 1997											
23...	0745	150	6.5	383	8.12	11.2	91	<10	21	31	190
MAR											
28...	0650	280	12.5	334	7.83	12.9	123	--	K6	K3	172
APR											
09...	1000	430	9.5	321	7.70	11.2	97	--	130	130	150
JUN											
12...	1105	60	17.5	382	8.09	9.2	99	<5	160	245	195
AUG											
07...	1000	31	18.5	414	7.71	8.4	88	--	100	120	210

DATE	BICARBONATE WATER WH IT FIELD (mg/L as HCO ₃) (00450)	CARBONATE WATER WH IT FIELD (mg/L as CO ₃) (00447)	NITROGEN, NO ₂ +NO ₃ TOTAL (mg/L as N) (00630)	NITROGEN, NITRITE TOTAL (mg/L as N) (00615)	NITROGEN, AMMONIA TOTAL (mg/L as N) (00610)	NITROGEN, AMMONIA + ORGANIC TOTAL (mg/L as N) (00625)	PHOSPHORUS TOTAL (mg/L as P) (00665)	PHOSPHORUS ORTHO TOTAL (mg/L as P) (70507)	HARDNESS TOTAL (mg/L as CaCO ₃) (00900)	CALCIUM DIS-SOLVED (mg/L as Ca) (00915)
NOV 1996										
04...	257	0	0.580	<0.010	0.080	0.30	<0.020	<0.010	--	--
JAN 1997										
23...	231	0	0.510	<0.010	<0.010	<0.20	<0.020	<0.010	200	42
MAR										
28...	210	0	0.440	<0.010	<0.010	<0.20	<0.020	<0.010	--	--
APR										
09...	183	0	0.430	<0.010	0.020	<0.20	0.020	0.010	--	--
JUN										
12...	238	0	0.320	<0.010	0.020	<0.20	<0.020	<0.010	200	44
AUG										
07...	256	0	0.390	<0.010	0.030	<0.20	<0.020	<0.010	--	--

DATE	MAGNESIUM, DIS-SOLVED (mg/L as Mg) (00925)	SODIUM, DIS-SOLVED (mg/L as Na) (00930)	POTASSIUM, DIS-SOLVED (mg/L as K) (00935)	SULFATE DIS-SOLVED (mg/L as SO ₄) (00945)	CHLORIDE, DIS-SOLVED (mg/L as Cl) (00940)	FLUORIDE, 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)	ALUMINUM, TOTAL RECOVERABLE (µg/L as Al) (01105)	ALUMINUM, DIS-SOLVED (µg/L as Al) (01106)
JAN 1997										
23...	23	2.0	1.0	5.2	4.0	<0.10	202	1	20	3.1
JUN										
12...	23	1.6	1.2	4.0	3.6	<0.10	202	4	50	3.5

DATE	CADMIUM TOTAL RECOVERABLE (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 RECOVERABLE (µg/L as Pb) (01051)	LEAD, DIS-SOLVED (µg/L as Pb) (01049)	MANGANESE, DIS-SOLVED (µg/L as Mn) (01056)	MERCURY TOTAL RECOVERABLE (µg/L as Hg) (71900)	ZINC, TOTAL RECOVERABLE (µg/L as Zn) (01092)	ZINC, DIS-SOLVED (µg/L as Zn) (01090)
JAN 1997										
23...	<1	<1.0	<1.0	2.0	<1	<1.0	2.6	<0.10	<1	<1.0
JUN										
12...	<1	<1.0	<1.0	3.0	<1	<1.0	8.3	<0.10	<1	<1.0

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