

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.

REMARKS.--Ambient water-quality monitoring network station since November 1993.

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

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) (00400)	OXYGEN, OXYGEN, DIS-SOLVED (PER-CENT) (00300)	OXYGEN, DEMAND, CHEMICAL (HIGH LEVEL) (00301)	COLIFORM, FECAL, µM-MF (COLS./100 ML) (31625)	STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) (31673)	ALKALINITY WAT WH TOT FET FIELD CACO ₃ (MG/L AS CACO ₃) (00410)	
NOV 09...	1300	285	13.5	329	7.90	9.60	91	--	K2	2000	176
JAN 26...	1030	185	6.0	349	8.10	16.8	137	<10	K11	K9	163
MAR 16...	0900	227	8.5	315	8.10	11.1	93	--	42	37	208
APR 20...	1000	514	13.0	232	7.82	10.8	102	--	4600	13800	112
JUN 21...	1130	197	19.5	341	8.03	10.3	110	<10	--	45	181
JUL 13...	0900	111	22.0	381	7.91	7.10	82	--	100	120	196
AUG 09...	0930	71	22.5	407	7.98	7.0	83	--	130	180	204
SEP 01...	1200	47	23.0	405	8.13	8.20	97	<10	K79	81	223

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 09...	215	0	0.690	<0.010	<0.010	<0.20	<0.020	0.010	--	--
JAN 26...	199	0	0.660	<0.010	0.010	<0.20	<0.020	0.010	180	38
MAR 16...	256	0	0.510	<0.010	0.030	<0.20	<0.020	0.010	--	--
APR 20...	136	0	--	--	--	--	--	--	--	--
JUN 21...	222	0	0.320	<0.010	0.010	<0.20	<0.020	<0.010	200	44
JUL 13...	241	0	0.410	0.010	0.030	<0.20	<0.020	0.010	--	--
AUG 09...	252	0	0.390	0.010	0.010	0.20	0.030	0.010	--	--
SEP 01...	275	0	0.350	0.010	0.010	<0.20	0.050	<0.010	220	47

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

WHITE RIVER BASIN

07057750 BRYANT CREEK BELOW EVANS, MO--Continued

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

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 26...	21	1.8	1.1	5.1	4.0	<0.10	200	<1	<20	<20
JUN 21...	23	1.6	1.3	3.5	3.0	<0.10	196	16	50	30
SEP 01...	26	2.2	1.3	3.5	3.5	<0.10	222	8	40	<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 26...	<1	<1.0	<1	<3	<1	<1	4	0.10	4	<4
JUN 21...	<1	<1.0	<1	5	1	1	8	<0.10	4	4
SEP 01...	<1	<1.0	1	13	4	<1	10	<0.10	9	<4