

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 1997 TO SEPTEMBER 1998

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 (mg/L) (00300)	OXYGEN, DEMAND, CHEM-ICAL (HIGH SATUR-ATION) (mg/L) (00340)	COLI-FORM, FECAL, 0.7 µM-MF (COLS./100 mL) (31625)	STREP-TOCOCCI, FECAL, KF AGAR (COLS. PER 100 mL) (31673)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 mL) (31633)	
NOV 19...	1535	32	10.2	409	8.29	13.8	120	--	K8	K11	K3
JAN 14...	1100	92	7.2	352	7.67	11.4	96	<10	51	28	77
MAR 10...	1545	450	9.0	299	8.11	10.7	92	--	K23	K11	K12
APR 08...	1220	269	13.8	326	8.45	11.2	110	--	K15	4	K19
JUN 18...	0845	52	20.6	370	8.04	7.8	86	<10	125	240	160
AUG 19...	1530	82	27.0	406	8.21	9.9	125	--	K65	81	51

DATE	ANC WATER UNFLTRD FIELD (mg/L as CaCO ₃) (00410)	ANC BICAR-BONATE IT FIELD (mg/L as HCO ₃) (00450)	ANC CAR-BONATE IT FIELD (mg/L as CO ₃) (00447)	NITRO-GEN, NO ₂ +NO ₃ DIS-SOLVED (mg/L as N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (mg/L as N) (00613)	NITRO-GEN, AMMONIA DIS-SOLVED (mg/L as N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (mg/L as N) (00623)	PHOS-PHORUS DIS-SOLVED (mg/L as P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (mg/L as P) (00671)	HARD-NESS TOTAL (mg/L as CaCO ₃) (00900)	CALCIUM DIS-SOLVED (mg/L as Ca) (00915)
NOV 19...	211	258	0	0.53	<0.01	<0.02	<0.1	<0.01	0.02	--	--
JAN 14...	179	221	0	0.79	<0.01	<0.02	<0.1	<0.01	<0.01	190	41
MAR 10...	99	121	0	0.47	<0.01	<0.02	<0.1	0.02	0.01	--	--
APR 08...	164	195	4	0.28	<0.01	0.03	0.3	<0.01	<0.01	--	--
JUN 18...	193	237	0	0.34	<0.01	0.06	<0.1	<0.01	0.01	200	43
AUG 19...	210	260	0	0.38	0.01	0.08	<0.1	<0.01	0.01	--	--

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)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (mg/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (mg/L) (00530)	ALUM-INUM, TOTAL RECOV-ERABLE (µg/L as Al) (01105)
JAN 14...	22	2.4	1.1	4.9	5.0	--	232	188	57.6	2	40
JUN 18...	23	1.8	1.2	3.7	3.0	<0.1	213	194	29.9	1	40

DATE	ALUM-INUM, DIS-SOLVED (µg/L as Al) (01106)	CADMIUM WATER UNFLTRD TOTAL (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 14...	12.4	<1	<8	<10	<10	<1	<100	<4	<0.1	<10	<20
JUN 18...	<10.0	<1	<8	<10	<10	<1	<100	7	<0.1	<10	<20

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