

07014200 COURTOIS CREEK AT BERRYMAN, MO
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

LOCATION.--Lat 37°55'05", long 91°06'04", in SW 1/4 NE 1/4 sec. 13, T.37 N., R.1W., Crawford County, Hydrologic Unit 07140102. Take Highway 8 until you cross Courtois Creek, about 13 mi east of Steelville.

DRAINAGE AREA.--173 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)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUCT-ANCE (uS/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DEMAND, CHEM-ICaL (PER-CENT (HIGH-LEVEL) (MG/L) (00340)	COLI-FORM, FECaL, 0.7 uM-MF (COLS./100 ML) (31625)	STREP-TOCOCCI, FECaL, KF AGAR PER (COLS. 100 ML) (31673)	ALKA-LINITY WAT WH TOT FET FIELD CaCO ₃ (MG/L AS) (00410)	
NOV 03...	0900	48	13.5	416	7.3	9.1	86	--	20	100	199
JAN 12...	1325	85	9.5	382	8.1	13.5	119	<10	K1	K3	183
MAR 20...	1125	88	14.0	297	7.9	10.9	105	--	K6	K17	152
APR 17...	1000	123	16.0	350	8.0	10.4	104	--	24	K9	170
JUN 07...	0945	186	20.0	310	8.0	8.5	93	<10	24	32	158
AUG 07...	1220	45	25.0	349	7.9	8.4	101	--	75	190	172

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 TOTAL (MG/L AS N) (00630)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-ORTHOPHOSUS TOTAL (MG/L AS P) (70507)	HARD-NESS TOTAL (MG/L AS CaCO ₃) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)
NOV 03...	243	0	0.030	<0.010	<0.010	<0.20	<0.020	<0.010	--	--
JAN 12...	221	0	0.040	<0.010	<0.010	<0.20	<0.020	<0.010	210	42
MAR 20...	184	0	0.090	<0.010	0.010	<0.20	<0.020	<0.010	--	--
APR 17...	211	0	0.020	<0.010	0.010	<0.20	<0.020	<0.010	--	--
JUN 07...	193	0	0.040	<0.010	0.020	<0.20	<0.020	<0.010	170	35
AUG 07...	213	0	0.090	0.010	0.010	0.20	0.020	<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 (MG/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	ALUM-INUM, TOTAL RECOV-ERABLE (uG/L AS AL) (01105)	ALUM-INUM, DIS-SOLVED (uG/L AS AL) (01106)
JAN 12...	26	2.7	0.80	20	3.7	<0.10	204	6	30	<20
JUN 07...	20	2.0	1.0	9.6	2.2	0.30	184	12	40	20

DATE	CADMIUM TOTAL RECOV-ERABLE (uG/L AS CD) (01027)	CADMIUM DIS-SOLVED (uG/L AS NA) (01025)	COPPER, DIS-SOLVED (uG/L AS CU) (01040)	IRON, DIS-SOLVED (uG/L AS FE) (01046)	LEAD, TOTAL RECOV-ERABLE (uG/L AS PB) (01051)	LEAD, DIS-SOLVED (uG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (uG/L AS MN) (01056)	MERCURY TOTAL RECOV-ERABLE (uG/L AS HG) (71900)	ZINC, TOTAL RECOV-ERABLE (uG/L AS ZN) (01092)	ZINC, DIS-SOLVED (uG/L AS ZN) (01090)
JAN 12...	<1	<1.0	<1	7	2	<1	3	<0.10	5	<4
JUN 07...	<1	<1.0	2	9	2	1	4	0.90	6	5

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