

06900100 LITTLE MEDICINE CREEK NEAR HARRIS, MO
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

LOCATION.--Lat 40°19'02", long 93°22'52", in SE 1/4 SW 1/4 NW 1/4 sec.28, T.64 N., R.22 W., Mercer County, Hydrologic Unit 10280103. Access is on the left bank on upstream side of bridge on State Highway E, approximately 1.7 mi west of Harris.

DRAINAGE AREA.--66.5 mi².

PERIOD OF RECORD.--November 1997 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

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) (00340)	COLIFORMS, 0.7 µM-MF (COLS./100 mL) (31625)	STREPTOCOCCI, KF AGAR (COLS./100 mL) (31673)	E. COLI TOTAL UREASE (COL /100 mL) (31633)	ANC WATER UNFLTRD FET FIELD (mg/L as CaCO ₃) (00410)	
NOV 13...	1015	2.7	3.0	358	8.02	12.6	93	--	110	160	100	173
JAN 22...	1600	8.7	0.5	340	8.14	18.7	128	<10	46	K24	40	156
MAR 19...	1415	360	2.5	176	7.61	12.3	91	--	540	2300	500	--
APR 28...	1030	174	8.5	186	7.86	11.9	101	--	K72000	K85000	K120000	--
JUN 02...	1300	11	28.0	416	8.23	7.6	97	10	K200	150	K280	--
AUG 24...	1330	0.84	34.0	492	8.00	6.9	102	--	K2000	820	1500	--

DATE	ANC BICARBONATE IT FIELD (mg/L as HCO ₃) (00450)	ANC CARBONATE IT FIELD (mg/L as CO ₃) (00447)	ALKALINITY WATER TOT IT FIELD (mg/L as CaCO ₃) (39086)	BICARBONATE WATER DIS IT FIELD (mg/L as HCO ₃) (00453)	CARBONATE WATER DIS IT FIELD (mg/L as CO ₃) (00452)	NITROGEN, NO ₂ +NO ₃ DIS-SOLVED (mg/L as N) (00631)	NITROGEN, NITRITE DIS-SOLVED (mg/L as N) (00613)	NITROGEN, AMMONIA DIS-SOLVED (mg/L as N) (00608)	NITROGEN, AMMONIA + DIS-ORGANIC DIS-SOLVED (mg/L as N) (00623)	PHOSPHORUS, ORTHO, DIS-SOLVED (mg/L as P) (00666)	PHOSPHORUS, ORTHO, DIS-SOLVED (mg/L as P) (00671)	HARDNESS TOTAL (mg/L as CaCO ₃) (00900)
NOV 13...	211	0	--	--	--	0.14	<0.01	0.08	0.4	0.01	0.02	--
JAN 22...	190	0	--	--	--	0.52	0.01	0.12	0.8	0.05	0.03	180
MAR 19...	--	--	55	67	0	1.5	<0.01	0.08	0.5	0.03	0.03	--
APR 28...	--	--	61	74	0	0.54	0.01	0.20	1	0.34	0.31	--
JUN 02...	--	--	171	208	0	0.56	0.03	0.09	0.4	0.06	0.06	190
AUG 24...	--	--	192	234	0	0.32	0.02	0.11	0.3	<0.01	<0.01	--

DATE	CALCIUM DIS-SOLVED (mg/L as Ca) (00915)	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 (mg/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (mg/L) (70301)	SOLIDS, DIS-SOLVED PER DAY (70302)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (mg/L) (00530)	ALUMINUM, TOTAL RECOVERABLE (µg/L as Al) (01105)
JAN 22...	53	11	12	2.7	45	8.3	0.1	263	228	6.17	1	80
JUN 02...	58	12	12	4.7	34	6.7	0.2	254	232	7.41	26	440

DATE	ALUMINUM, 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 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 22...	<10.0	<1	<8	<10	<10	<1	<100	470	<0.1	<10	<20
JUN 02...	13.3	<1	<8	<10	<10	<1	<100	48	<0.1	10	<20

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