

06921070 POMME DE TERRE RIVER NEAR POLK, MO--Continued
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1983 to February 1986, November 1992 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 LEVEL) (mg/L) (00340)	COLI-FORM, FECAL, 0.7 µM-MF (COLS./100 mL) (31625)	STREP-TOCOCCI, KF AGAR PER (COLS./100 mL) (31673)	E. COLI WATER WHOLE TOTAL UREASE (COL /100 mL) (31633)	
NOV 04...	1130	19	8.0	340	7.28	9.4	80	<10	240	180	210
JAN 08...	1000	546	7.1	370	7.57	9.7	81	<10	K950	4100	K960
MAR 12...	1620	374	3.0	308	7.94	14.0	102	--	K41	K25	K12
MAY 12...	1045	302	19.3	349	8.03	7.4	79	--	1360	240	1200
JUL 13...	1115	105	27.9	346	7.98	5.4	68	10	200	190	200
SEP 01...	1535	19	27.8	336	7.90	7.4	94	--	180	220	270
DATE	ANC WATER UNFLTRD FET 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 04...	146	184	0	0.67	0.03	0.04	0.3	0.07	0.10	180	38
JAN 08...	144	180	0	1.4	<0.01	<0.02	0.3	0.05	0.07	170	38
MAR 12...	151	185	0	1.1	0.02	<0.02	0.7	0.14	0.04	--	--
MAY 12...	166	205	0	0.33	0.01	0.06	0.4	0.11	0.04	--	--
JUL 13...	161	196	0	0.10	0.02	0.06	0.3	0.04	0.05	170	34
SEP 01...	126	154	0	<0.05	0.01	0.04	0.4	0.06	0.06	--	--
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 SOLVED (mg/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (mg/L) (70301)	SOLIDS, DIS-SOLVED PER DAY (TONS) (70302)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (mg/L) (00530)	ALUM-INUM, TOTAL RECOV-ERABLE (µg/L as Al) (01105)
NOV 04...	22	4.4	4.4	10	8.6	<0.1	201	181	10.1	5	110
JAN 08...	19	5.8	3.4	11	26	<0.1	201	197	296	12	270
JUL 13...	20	4.0	3.6	5.4	7.3	<0.1	195	171	55.3	23	170
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)
NOV 04...	45.5	<1	<1	<10	52	<1	20	32	<0.1	<10	<3
JAN 08...	93.9	<1	<8	<10	59	2	<100	10	<0.1	<10	<20
JUL 13...	27.0	<1	<8	<10	25	<1	<100	14	<0.1	<10	<20

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