05500000 SOUTH FABIUS RIVER NEAR TAYLOR, MO--Continued
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1972 to August 1973, October 1979 to October 1989, November 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

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, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (mg/L) (00340)	COLI-FORM, FECAL, 0.7 µm-MF (COLS./ 100 mL) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 mL) (31673)	ALKA-LINITY WAT WH TOT FET FIELD mg/L as $CaCO_3$) (00410)
OCT 1996											
08...	0930	17	14.0	309	8.02	8.7	84	--	400	280	111
NOV											
12...	1220	16	3.0	399	8.09	12.5	100	49	42	46	160
DEC											
03...	1420	35	3.0	475	7.98	13.7	100	--	K15	58	170
JAN 1997											
07...	1455	25	1.0	571	8.13	14.8	103	15	K9	K5	182
FEB											
04...	1120	423	0.5	431	7.30	11.7	81	--	236	680	112
MAR											
11...	1600	2260	9.0	196	7.26	10.9	94	--	1950	9200	61
APR											
08...	1130	213	10.0	472	8.19	10.4	89	--	72	77	156
MAY											
06...	1445	444	17.5	259	7.21	9.3	97	--	900	7400	81
JUN											
18...	1030	1020	21.0	151	7.60	7.5	83	52	6000	6800	54
JUL											
09...	0840	49	25.0	262	7.80	7.1	86	--	255	155	98
AUG											
05...	1510	12	28.5	440	8.17	8.0	102	--	29	90	165
SEP											
03...	1000	9.5	23.5	378	7.52	6.5	75	--	107	160	144

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-PHORUS ORTHO TOTAL (mg/L as P) (70507)	HARD-NESS TOTAL (mg/L as $CaCO_3$) (00900)	CALCIUM DIS-SOLVED (mg/L as Ca) (00915)	MAGNE-SIUM, DIS-SOLVED (mg/L as Mg) (00925)
OCT 1996											
08...	135	0	0.320	0.010	0.020	0.75	0.100	0.060	--	--	--
NOV											
12...	200	0	<0.020	<0.010	<0.010	0.64	0.060	0.040	170	51	11
DEC											
03...	207	0	<0.020	<0.010	0.010	0.43	0.020	0.020	--	--	--
JAN 1997											
07...	223	0	<0.020	<0.010	0.020	0.60	<0.020	<0.010	250	74	17
FEB											
04...	136	0	1.30	0.030	0.260	1.4	0.110	0.070	--	--	--
MAR											
11...	74	0	0.870	0.050	0.120	3.1	0.480	0.130	--	--	--
APR											
08...	190	0	<0.020	<0.010	0.050	0.62	0.050	0.020	--	--	--
MAY											
06...	99	0	0.780	0.040	0.080	1.4	0.220	0.110	--	--	--
JUN											
18...	66	0	1.00	0.058	0.050	3.1	0.620	0.200	64	20	3.4
JUL											
09...	119	0	0.890	0.013	0.030	0.88	0.110	0.070	--	--	--
AUG											
05...	202	0	<0.020	<0.010	0.020	0.86	0.100	0.020	190	56	11
SEP											
03...	175	0	0.020	<0.010	0.040	0.65	0.020	0.020	--	--	--

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

05500000 SOUTH FABIUS RIVER NEAR TAYLOR, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DATE	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)	CADMIUM TOTAL RECOV-ERABLE (µg/L as Cd) (01027)	CADMIUM DIS-SOLVED (µg/L as Cd) (01025)
NOV 1996											
12...	11	7.0	39	10	0.20	248	10	220	150	<1	<1.0
JAN 1997											
07...	19	5.0	86	15	0.20	344	2	40	6.6	<1	<1.0
JUN											
18...	3.4	3.8	11	4.4	0.20	110	890	15000	290	<1	<1.0
AUG											
05...	14	4.8	43	12	0.20	250	52	880	17	<1	<1.0

DATE	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)	PROP-CHLOR, WATER, DISS, REC (µg/L) (04024)	BUTYL-ATE, WATER, DISS, REC (µg/L) (04028)	SI-MAZINE, WATER, DISS, REC (µg/L) (04035)
NOV 1996											
12...	1.6	270	1	<1.0	80	<0.10	1	<1.0	<0.007	<0.002	<0.005
JAN 1997											
07...	<1.0	80	<1	<1.0	89	<0.10	2	1.4	--	--	--
MAR											
11...	--	--	--	--	--	--	--	--	<0.007	<0.002	<0.005
APR											
08...	--	--	--	--	--	--	--	--	<0.007	<0.002	0.008
MAY											
06...	--	--	--	--	--	--	--	--	<0.007	<0.002	0.050
JUN											
18...	2.2	260	15	<1.0	7.8	<0.10	60	1.0	<0.007	<0.002	0.196
JUL											
09...	--	--	--	--	--	--	--	--	<0.007	<0.001	0.078
AUG											
05...	1.5	20	3	<1.0	6.2	<0.10	7	<1.0	--	--	--

DATE	PRO-METON, WATER, DISS, REC (µg/L) (04037)	DEETHYL ATRA-ZINE, WATER, DISS, REC (µg/L) (04040)	CYANA-ZINE, WATER, DISS, REC (µg/L) (04041)	FONOFOS WATER DISS REC (µg/L) (04095)	ALPHA BHC DIS-SOLVED (µg/L) (34253)	P,P' DDE DISSOLV (µg/L) (34653)	METO-LACHLOR WATER DISSOLV (µg/L) (39415)	LINDANE DIS-SOLVED (µg/L) (39341)	DI-ELDRIN DIS-SOLVED (µg/L) (39381)	ATRA-ZINE, WATER, DISS, REC (µg/L) (39632)	METRI-BUZIN SENCOR WATER DISSOLV (µg/L) (82630)
NOV 1996											
12...	<0.018	E0.053	0.050	<0.003	<0.002	<0.006	0.023	<0.004	<0.001	0.143	<0.004
MAR											
11...	<0.018	E0.013	0.033	<0.003	<0.002	<0.006	0.034	<0.004	<0.001	0.176	0.007
APR											
08...	<0.018	E0.017	0.036	<0.003	<0.002	<0.006	0.020	<0.004	<0.001	0.134	<0.004
MAY											
06...	E0.002	E0.013	0.240	<0.003	<0.002	<0.006	2.89	<0.004	<0.001	5.37	0.025
JUN											
18...	<0.018	E0.592	2.03	<0.003	<0.002	<0.006	3.78	<0.004	<0.001	9.43	0.502
JUL											
09...	<0.018	E0.190	0.874	<0.003	<0.002	<0.006	1.37	<0.004	<0.001	6.28	0.040

E--Laboratory estimated value.

05500000 SOUTH FABIUS RIVER NEAR TAYLOR, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DATE	FONOFOS WATER DISS REC (µg/L) (04095)	CHLOR-PYRIFOS DIS-SOLVED (µg/L) (38933)	MALA-THION, DIS-SOLVED (µg/L) (39532)	PARA-THION, DIS-SOLVED (µg/L) (39542)	DI-AZINON, DIS-SOLVED (µg/L) (39572)	ALA-CHLOR, WATER, DISS, REC, (µg/L) (46342)	ACETO-CHLOR, WATER FLTRD REC (µg/L) (49260)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 µ GF, REC (µg/L) (82660)	ETHAL-FLUR-ALIN WAT FLT 0.7 µ GF, REC (µg/L) (82663)	PHORATE WATER FLTRD 0.7 µ GF, REC (µg/L) (82664)	TER-BACIL WATER FLTRD 0.7 µ GF, REC (µg/L) (82665)
NOV 1996											
12...	<0.003	<0.004	<0.005	<0.004	<0.002	0.021	<0.002	<0.003	<0.004	<0.002	<0.007
MAR											
11...	<0.003	<0.004	<0.005	<0.004	<0.002	0.008	0.007	<0.003	<0.004	<0.002	<0.007
APR											
08...	<0.003	<0.004	<0.005	<0.004	<0.002	E0.004	<0.002	<0.003	<0.004	<0.002	<0.007
MAY											
06...	<0.003	<0.004	<0.005	<0.004	<0.002	0.009	0.200	<0.003	<0.004	<0.002	<0.007
JUN											
18...	<0.003	<0.004	<0.005	<0.004	<0.002	0.058	0.120	<0.003	<0.004	<0.002	<0.007

DATE	LIN-URON WATER FLTRD 0.7 µ GF, REC (µg/L) (82666)	METHYL PARA-THION WAT FLT 0.7 µ GF, REC (µg/L) (82667)	EPTC WATER FLTRD 0.7 µ GF, REC (µg/L) (82668)	PEB-ULATE WATER FILTRD 0.7 µ GF, REC (µg/L) (82669)	TEBU-THIURON WATER FLTRD 0.7 µ GF, REC (µg/L) (82670)	MOL-INATE WATER FLTRD 0.7 µ GF, REC (µg/L) (82671)	ETHO-PROP WATER FLTRD 0.7 µ GF, REC (µg/L) (82672)	BEN-FLUR-ALIN WAT FLD 0.7 µ GF, REC (µg/L) (82673)	CARBO-FURAN WATER FLTRD 0.7 µ GF, REC (µg/L) (82674)	TER-BUFOS WATER FLTRD 0.7 µ GF, REC (µg/L) (82675)	PRON-AMIDE WATER FLTRD 0.7 µ GF, REC (µg/L) (82676)
NOV 1996											
12...	<0.002	<0.006	<0.002	<0.004	0.024	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
MAR											
11...	<0.002	<0.006	<0.002	<0.004	0.022	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
APR											
08...	<0.002	<0.006	<0.002	<0.004	0.018	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
MAY											
06...	<0.002	<0.006	E0.001	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
JUN											
18...	<0.002	<0.006	<0.002	<0.004	0.023	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
JUL											
09...	<0.002	<0.006	<0.002	<0.004	0.052	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003

DATE	DISUL-FOTON WATER FLTRD 0.7 µ GF, REC (µg/L) (82677)	TRIAL-LATE WATER FLTRD 0.7 µ GF, REC (µg/L) (82678)	PRO-PANIL WATER FLTRD 0.7 µ GF, REC (µg/L) (82679)	CAR-BARYL WATER FLTRD 0.7 µ GF, REC (µg/L) (82680)	THIO-BENCARB WATER FLTRD 0.7 µ GF, REC (µg/L) (82681)	DCPA WATER FLTRD 0.7 µ GF, REC (µg/L) (82682)	PENDI-METH-ALIN WAT FLT 0.7 µ GF, REC (µg/L) (82683)	NAPROP-AMIDE WATER FLTRD 0.7 µ GF, REC (µg/L) (82684)	PRO-PARGITE WATER FLTRD 0.7 µ GF, REC (µg/L) (82685)	METHYL AZIN-PHOS WAT FLT 0.7 µ GF, REC (µg/L) (82686)	PER-METHRIN CIS WAT FLT 0.7 µ GF, REC (µg/L) (82687)
NOV 1996											
12...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
MAR											
11...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
APR											
08...	<0.017	<0.001	<0.004	<0.003	<0.002	E0.001	<0.004	<0.003	<0.013	<0.001	<0.005
MAY											
06...	<0.017	<0.001	<0.004	<0.003	<0.002	E0.001	<0.004	<0.003	<0.013	<0.001	<0.005
JUN											
18...	<0.017	<0.001	<0.004	E0.056	<0.002	<0.002	0.107	<0.003	<0.013	<0.001	<0.005
JUL											
09...	<0.017	<0.001	<0.004	E0.021	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005

E--Laboratory estimated value.