07065495 JACKS FORK AT ALLEY SPRING, MO--Continued
(National water-quality assessment station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1993 to current year.

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 (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)	COLI-FORM, FECAL, 0.7 µM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS $CACO_3$) (39086)
OCT											
20...	1130	88	16.0	349	8.1	9.7	97	22	K13	25	194
NOV											
29...	1230	175	8.0	296	8.2	10.3	86	K2	K1	K6	162
DEC											
15...	1030	191	8.0	286	8.1	10.7	89	K9	K9	K16	148
JAN											
25...	1300	249	5.5	275	8.2	12.7	99	K3	<1	K2	152
FEB											
22...	1630	179	9.0	311	8.4	12.6	125	<1	<1	K1	171
MAR											
21...	1200	236	13.0	283	8.2	10.9	103	K3	K5	K3	153
APR											
11...	1700	1860	15.5	300	8.2	8.8	88	1500	810	1000	156
MAY											
22...	1330	295	18.5	280	8.3	9.9	104	K4	K2	190	142
JUN											
13...	1130	665	16.5	256	8.0	9.5	96	110	96	340	126
JUL											
06...	1200	210	21.5	317	8.3	8.8	99	K20	K11	42	169
AUG											
09...	1330	124	25.5	306	8.2	8.1	98	42	37	K17	160

DATE	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO_3) (00453)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO_3) (00452)	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 TOTAL (MG/L AS N) (00625)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	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)
OCT											
20...	236	0	0.120	<0.010	<0.015	<0.20	<0.20	0.010	0.010	<0.010	180
NOV											
29...	198	0	0.180	<0.010	<0.015	<0.20	<0.20	<0.010	<0.010	<0.010	160
DEC											
15...	181	0	0.110	<0.010	<0.015	<0.20	<0.20	<0.010	<0.010	<0.010	150
JAN											
25...	186	0	0.260	<0.010	<0.015	<0.20	<0.20	<0.010	<0.010	0.010	150
FEB											
22...	208	0	0.110	<0.010	<0.015	<0.20	<0.20	<0.010	<0.010	<0.010	170
MAR											
21...	187	0	0.150	0.010	0.050	<0.20	<0.20	<0.010	<0.010	<0.010	150
APR											
11...	190	0	0.150	<0.010	<0.015	0.50	<0.20	0.050	<0.010	<0.010	150
MAY											
22...	173	0	0.130	<0.010	<0.015	<0.20	<0.20	<0.010	<0.010	<0.010	150
JUN											
13...	153	0	0.150	<0.010	0.020	0.30	<0.20	0.040	<0.010	<0.010	140
JUL											
06...	206	0	0.230	<0.010	0.020	<0.20	<0.20	<0.010	<0.010	<0.010	170
AUG											
09...	195	0	0.170	<0.010	<0.015	<0.20	<0.20	0.020	<0.010	<0.010	160

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

07065495 JACKS FORK AT ALLEY SPRING, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	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 SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SEDI- MENT, SUS- PENDED (MG/L) (80154)
OCT										
20...	36	23	1.3	1.3	2.4	1.8	<0.10	7.7	183	12
NOV										
29...	31	19	1.2	1.1	3.2	1.9	<0.10	6.1	160	41
DEC										
15...	30	19	1.2	1.0	3.2	2.4	<0.10	6.3	147	1
JAN										
25...	30	18	1.1	0.90	3.0	1.8	<0.10	6.3	146	1
FEB										
22...	34	20	1.3	0.90	3.5	2.2	0.10	5.1	158	2
MAR										
21...	30	18	1.2	1.1	2.8	2.5	<0.10	4.9	144	1
APR										
11...	32	18	1.1	1.4	2.3	2.6	<0.10	6.2	174	110
MAY										
22...	31	17	1.1	1.1	2.2	1.7	<0.10	6.4	145	13
JUN										
13...	28	16	1.1	1.2	2.8	1.5	<0.10	8.2	138	23
JUL										
06...	34	20	1.2	1.2	2.0	1.6	<0.10	8.3	167	32
AUG										
09...	32	20	1.3	1.7	2.4	2.0	<0.10	9.4	166	21

DATE	ARSENIC DIS- SOLVED (µG/L AS AS) (01000)	BARIUM, DIS- SOLVED (µG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (µG/L AS BE) (01010)	CADMIUM DIS- SOLVED (µG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (µG/L AS CR) (01030)	COBALT, DIS- SOLVED (µG/L AS CO) (01035)	COPPER, DIS- SOLVED (µG/L AS CU) (01040)	IRON, DIS- SOLVED (µG/L AS FE) (01046)	LEAD, DIS- SOLVED (µG/L AS PB) (01049)
OCT									
20...	<1	26	<1	<1	4	<1	<1	4	<1
NOV									
29...	<1	26	<1	<1	1	<1	<1	3	<1
DEC									
15...	<1	27	<1	<1	3	<1	<1	6	<1
JAN									
25...	<1	25	<1	<1	1	<1	<1	6	<1
FEB									
22...	<1	26	<1	<1	<1	<1	<1	<3	<1
MAR									
21...	<1	27	<1	<1	1	<1	<1	<3	<1
APR									
11...	<1	30	<1	<1	5	<1	<1	43	<1
MAY									
22...	--	--	--	--	--	--	--	<3	--
JUN									
13...	<1	29	<1	<1	<1	<1	<1	18	<1
JUL									
06...	--	--	--	--	--	--	--	5	--
AUG									
09...	<1	35	<1	<1	1	<1	<1	<3	<1

07065495 JACKS FORK AT ALLEY SPRING, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	MANGA-NESE, DIS-SOLVED (µG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (µG/L AS MO) (01060)	NICKEL, DIS-SOLVED (µG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (µG/L AS SE) (01145)	SILVER, DIS-SOLVED (µG/L AS AG) (01075)	ZINC, DIS-SOLVED (µG/L AS ZN) (01090)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)
OCT								
20...	<1	<1	2	<1	<1	<1	0.6	0.1
NOV								
29...	<1	<1	2	<1	<1	<1	0.7	0.1
DEC								
15...	<1	<1	2	<1	<1	<1	1.0	0.1
JAN								
25...	<1	<1	2	<1	<1	1	0.8	0.1
FEB								
22...	1	<1	<1	<1	<1	1	0.6	0.1
MAR								
21...	1	<1	1	<1	<1	<1	0.8	>0.1
APR								
11...	4	<1	<1	<1	<1	2	2.6	0.5
MAY								
22...	3	--	--	--	--	--	0.7	0.1
JUN								
13...	3	<1	3	<1	<1	1	1.7	0.2
JUL								
06...	2	--	--	--	--	--	1.0	0.1
AUG								
09...	2	<1	2	<1	<1	1	1.0	0.1

07065495 JACKS FORK AT ALLEY SPRING, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	ACETO-CHLOR, WATER FLTRD REC (µG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (µG/L) (46342)	ALPHA BHC DIS-SOLVED (µG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (µG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (µG/L) (04040)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (µG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (µG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (µG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (µG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (µG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (µG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (µG/L) (82682)
APR												
11...	<0.01	<0.01	<0.01	<0.02	<0.003	<0.01	<0.01	<0.05	<0.01	<0.005	<0.01	<0.004
MAY												
22...	<0.01	<0.01	<0.01	<0.02	E0.004	<0.01	<0.01	<0.05	<0.01	<0.005	<0.01	<0.004
JUN												
13...	<0.002	<0.002	<0.002	E0.003	E0.002	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004	<0.002

DATE	P,P' DDE DISSOLV (µG/L) (34653)	DI-AZINON, DIS-SOLVED (µG/L) (39572)	DI-ELDRIN DIS-SOLVED (µG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (µG/L) (82660)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (µG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (µG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (µG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (µG/L) (82672)	FONOFOS WATER DISS REC (µG/L) (04095)	LINDANE DIS-SOLVED (µG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (µG/L) (82666)	MALA-THION, DIS-SOLVED (µG/L) (39532)
APR												
11...	<0.01	<0.01	<0.01	<0.01	<0.06	<0.005	<0.01	<0.01	<0.01	<0.01	<0.04	<0.01
MAY												
22...	<0.01	<0.01	<0.01	<0.01	<0.06	<0.005	<0.01	<0.01	<0.01	<0.01	<0.04	<0.01
JUN												
13...	<0.01	<0.002	<0.001	<0.003	<0.02	<0.002	<0.004	<0.003	<0.003	<0.004	<0.002	<0.005

DATE	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (µG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (µG/L) (82667)	METO-LACHLOR WATER DISSOLV (µG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (µG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (µG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (µG/L) (82684)	PARA-THION, DIS-SOLVED (µG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (µG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (µG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (µG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (µG/L) (82664)	PRO-METON, WATER, DISS, REC (µG/L) (04037)
APR												
11...	<0.04	<0.03	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.02	<0.02	<0.01	<0.01
MAY												
22...	<0.04	<0.03	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.02	<0.02	<0.01	<0.01
JUN												
13...	<0.001	<0.01	E0.002	<0.004	<0.004	<0.003	<0.004	<0.004	<0.004	<0.005	<0.002	<0.02

DATE	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (µG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (µG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (µG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (µG/L) (82685)	SI-MAZINE, WATER, DISS, REC (µG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (µG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (µG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (µG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (µG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (µG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (µG/L) (82661)
APR											
11...	<0.01	<0.02	<0.02	<0.01	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01
MAY											
22...	<0.01	<0.02	<0.02	<0.01	<0.01	E0.01	<0.03	<0.01	<0.01	<0.01	<0.01
JUN											
13...	<0.003	<0.01	<0.004	<0.01	<0.005	<0.01	<0.01	<0.01	<0.002	<0.001	<0.002

E--Laboratory estimated value.