

WHITE RIVER BASIN

07052152 WILSON CREEK NEAR BROOKLINE, MO
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

LOCATION.--Lat 37°09'07", long 93°22'18", in NE 1/4 SW 1/4 SE 1/4 sec. 7, T.28 N., R.22 W., Greene County, Hydrologic Unit 11010002.

DRAINAGE AREA.--44.6 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)	TEMPERATURE WATER (DEG C) (00010)	SPECIFIC CONDUCTANCE (µS/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	OXYGEN, OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (MG/L) (00300)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00301)	COLIFORM, FECAL, µM-MF (COLS./100 ML) (31625)	STREPTOCOCCI, FECAL, KF AGAR (COLS./100 ML) (31673)	ALKALINITY, WAT WH TOT FET FIELD (MG/L AS CaCO ₃) (00410)	
NOV 28...	1215	29	17.5	994	7.45	17.8	187	--	K2	K9	202
JAN 11...	1030	41	15.5	1140	7.46	15.5	157	22	130	K9	137
MAR 08...	1530	87	10.5	811	7.65	17.2	157	--	K4	K3	128
APR 11...	1630	219	14.0	382	7.36	12.0	118	--	K3300	1900	91
JUN 28...	1430	39	23.0	1030	7.56	14.6	171	13	K3	K10	189
AUG 23...	0740	20	26.0	1350	7.45	11.6	148	--	K0	K2	139

DATE	BICARBONATE WATER WH IT FIELD (MG/L AS HCO ₃) (00450)	CARBONATE WATER WH IT FIELD (MG/L AS CO ₃) (00447)	NITROGEN, NO ₂ +NO ₃ TOTAL (MG/L AS N) (00630)	NITRITE, TOTAL (MG/L AS N) (00615)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	HARDNESS TOTAL (MG/L AS CaCO ₃) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)
NOV 28...	247	0	10.0	<0.010	<0.020	0.76	2.30	2.30	--	--
JAN 11...	169	0	16.0	<0.010	0.040	1.2	5.10	4.70	160	52
MAR 08...	158	0	5.70	<0.010	0.020	0.67	1.60	1.50	--	--
APR 11...	111	0	2.20	0.010	0.060	0.64	0.690	0.660	--	--
JUN 28...	235	0	7.00	<0.010	0.020	0.90	3.20	3.00	210	74
AUG 23...	173	0	13.0	0.010	0.020	0.91	4.40	4.60	--	--

DATE	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 DIS-SOLVED (MG/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	ALUMINUM, TOTAL RECOVERABLE (µG/L AS Al) (01105)	ALUMINUM, DIS-SOLVED (µG/L AS Al) (01106)
JAN 11...	7.0	170	14	110	140	1.0	734	<1	40	<20
JUN 28...	5.6	130	9.8	100	96	0.80	652	4	70	50

DATE	CADMIUM TOTAL RECOVERABLE (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 RECOVERABLE (µG/L AS Hg) (71900)	ZINC, TOTAL RECOVERABLE (µG/L AS Zn) (01092)	ZINC, DIS-SOLVED (µG/L AS Zn) (01090)
JAN 11...	<1	1.1	9	50	2	2	6	0.40	80	80
JUN 28...	1	1.0	7	24	2	1	13	0.10	30	35

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