WATER QUALITY DATA, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DATE	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED SOLIDS (TONS PER DAY)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	TEMP-ERATURE (DEG C)
OCT.																						
11...	6.5	4.7	40	46	14	1.7	.4	210	0	5.2	.7	.1	0	176	.24	3.09	170	0	.1	316	8.0	2.0
NOV.																						
04...	a5.8	4.2	60	45	15	2.0	.4	213	0	4.9	.6	.1	10	178	.24	2.79	170	0	.1	321	8.1	.0
30...	5.4	4.9	300	45	14	1.9	.6	202	0	6.5	.5	.1	0	173	.24	2.52	170	4	.1	313	8.1	.0
JAN.																						
05...	a2.7	4.7	20	46	14	2.1	.5	212	0	5.3	.6	.1	10	178	.24	1.30	170	8	.1	324	8.1	.0
FEB.																						
01...	4.2	5.0	10	48	15	2.2	.6	214	0	7.4	.6	.1	10	184	.25	2.09	180	4	.1	327	8.3	.0
APR.																						
09...	5.4	5.2	30	55	11	2.7	.9	195	0	15	3.8	.2	20	190	.26	2.77	180	20	.1	330	8.3	2.5
MAY																						
18...	32	7.0	40	54	12	3.8	1.1	226	0	5.8	2.2	.2	10	197	.27	17.0	180	0	.1	330	8.3	2.5
JUNE																						
07...	69	5.0	30	50	13	2.7	.7	214	0	1.6	3.3	.1	20	182	.25	33.9	180	4	.1	311	8.3	5.0
JULY																						
12...	46	4.4	20	45	14	1.6	.3	194	0	3.3	.7	.3	20	168	.23	20.9	170	11	.1	296	8.1	5.0
AUG.																						
03...	24	4.3	20	42	13	1.5	.5	206	0	4.5	1.2	.0	10	170	.23	11.0	160	0	.1	294	8.0	10.0
SEP.																						
03...	15	5.1	20	44	14	1.9	.8	207	0	5.3	.5	.0	18	174	.24	7.05	170	0	.1	312	8.0	6.0

a Daily mean discharge.

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL MERCURY (HG) (UG/L)
OCT.									
11...	0900	6.5	0	1	0	--	0	18	.0
JUNE									
07...	1100	69	0	0	--	1	2	20	.1

FIELD DETERMINATIONS

DATE	TIME	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	DIS-SOLVED OXYGEN (MG/L)	PH (UNITS)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.						
11...	0900	6.5	300	11.3	7.8	22
NOV.						
04...	0900	a5.8	--	9.9	8.1	14
30...	1515	5.4	300	10.8	8.4	16
JAN.						
05...	1540	a2.7	--	11.5	8.2	50
FEB.						
01...	1410	4.2	--	12.1	8.3	320
APR.						
09...	1550	5.4	330	13.6	8.4	58
MAY						
18...	1025	32	339	10.4	8.0	--
JUNE						
07...	1020	69	320	12.9	8.4	27
JULY						
12...	0800	46	290	--	8.3	14
AUG.						
03...	1410	24	300	9.1	8.4	30
SEP.						
03...	1330	15	--	10.7	8.4	360

WATER QUALITY DATA, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DATE	TIME	DIS-CHARGE (CFS)	BIO-CHEM-ICAL OXYGEN DEMAND (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED-PHOS-PHORUS (P) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)
OCT.						
11...	0900	6.5	.6	--	.000	.00
NOV.						
04...	0900	a5.8	1.6	--	.000	.09
30...	1515	5.4	--	.000	--	.07
JAN.						
05...	1540	a2.7	1.4	--	.000	.07
FEB.						
01...	1410	4.2	.7	--	.010	.07
APR.						
09...	1610	5.4	.6	--	.090	.05
MAY						
18...	1025	32	1.4	--	.040	.07
JUNE						
07...	1100	69	.9	--	.050	.05
JULY						
12...	0830	46	.8	.020	--	.73
AUG.						
03...	1415	24	.6	.020	--	.29
SEP.						
03...	1420	15	.7	.070	--	.06

INSTANTANEOUS SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)
NOV.					
04...	0900	.0	a5.8	8	.13
30...	1515	.0	5.4	4	.06
JAN.					
05...	1540	.0	a2.7	6	.04
FEB.					
01...	1410	.0	4.2	3	.03
APR.					
09...	1550	2.5	5.4	8	.12
MAY					
18...	1025	2.5	32	28	2.4
JUNE					
07...	1100	5.0	69	90	17
JULY					
12...	0830	5.0	46	40	5.0
AUG.					
03...	1415	10.0	24	31	2.0
SEP.					
03...	1420	6.0	15	13	.53

a Daily mean discharge.