CHEMICAL ANALYSES, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED 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 NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	BIO-CHEM-ICAL OXYGEN DEMAND (MG/L)	DIS-SOL-VED-PHOS-PHORUS (P) (MG/L)
OCT. 02...	1600	8.4	5.1	40	45	14	1.8	.5	210	0	7.7	1.4	.1	.04	30	179	4.06	.24	170	0	.1	1.2	.02
NOV. 06...	1400	7.4	5.1	80	49	15	2.2	.5	214	0	9.5	1.3	.1	.05	0	188	3.76	.26	180	0	.1	1.8	.01
DEC. 06...	1600	5.1	5.5	50	51	16	3.1	.6	230	0	12	1.4	.1	.12	20	203	2.80	.28	190	5	.1	1.8	.03
JAN. 09...	0930	5.7	5.4	20	49	15	2.6	.6	215	6	12	1.2	.2	.10	20	198	3.05	.27	180	0	.1	2.6	.03
FEB. 05...	1330	4.5	5.3	30	49	15	2.6	.6	221	0	14	1.1	.2	.13	20	197	2.39	.27	180	3	.1	1.[illegible]	.02
MAR. 05...	1430	5.2	5.2	50	50	15	3.2	.7	229	0	15	1.6	.1	.09	10	204	2.86	.28	190	0	.1	2.0	.02
APR. 02...	1500	4.1	5.1	20	51	15	2.5	.5	227	0	13	1.1	.1	.04	0	200	2.21	.27	190	3	.1	1.8	.03
MAY 08...	0915	9.5	5.5	40	50	15	4.5	.7	236	0	14	.8	.0	.00	20	207	5.31	.28	190	0	.1	1.4	.01
JUNE 04...	1600	30	4.6	30	50	13	2.3	.6	214	0	7.2	.5	.1	.00	0	184	14.9	.25	180	3	.1	.9	.01
JULY 09...	1645	16	4.4	9	44	13	1.9	.6	193	0	4.1	1.3	.1	.00	0	165	7.13	.22	160	5	.1	.6	.00
AUG. 06...	1530	9.5	3.9	30	46	14	2.1	.5	207	0	6.3	.8	.0	.01	10	176	4.51	.24	170	3	.1	.4	.00
SEP. 04...	1030	7.1	4.8	0	46	14	2.3	.5	212	0	5.8	1.4	.1	.04	20	180	3.45	.24	170	0	.1	1.9	.02

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 02...	1600	8.4	1	0	0	2	1	10
DEC. 06...	1600	5.1	0	0	0	12	0	20
JUNE 04...	1600	30	--	1	0	6	1	10

DATE	TOTAL MERCURY (MG) (UG/L)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L)	SUS-PENDED GROSS BETA AS CS-137 (PC/L)	DIS-SOLVED RA-226 (PLANE-CHET COUNT) (PC/L)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)
OCT. 02...	.2	2.1	<.4	<.1	2.4	<.4	1.7	<.8
DEC. 06...	--	--	--	--	--	--	--	--
JUNE 04...	.2	--	--	--	--	--	--	--

FIELD DETERMINATIONS

DATE	TIME	DIS-CHARGE (CFS)	TEMPER-ATURE (DEG C)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	DIS-SOLVED OXYGEN (MG/L)	PH (UNITS)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT. 02...	1600	8.4	6.0	360	13.5	9.6	16
NOV. 06...	1400	7.4	2.0	320	11.5	7.9	7
DEC. 06...	1600	5.1	.0	315	10.9	8.7	8
JAN. 09...	0930	5.7	.0	260	11.3	8.5	2
FEB. 05...	1330	4.5	.0	340	11.6	8.3	1
MAR. 05...	1430	5.2	.0	300	11.9	8.2	3
APR. 02...	1500	4.1	.0	370	11.0	8.3	13
MAY 08...	0915	9.5	3.0	380	10.5	8.3	3
JUNE 04...	1600	30	7.0	330	10.0	7.8	8
JULY 09...	1645	16	12.0	350	9.0	7.9	5
AUG. 06...	1530	9.5	13.0	285	9.1	--	12
SEP. 04...	1030	7.1	5.0	328	10.7	--	35

SUSPENDED SEDIMENT DISCHARGE MEASUREMENTS, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DATE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)
OCT. 02...	1600	6.0	8.4	4	.09
NOV. 06...	1400	2.0	7.4	7	.14
DEC. 06...	1600	.0	a5.1	14	.19
JAN. 09...	0930	.0	5.7	8	.12
FEB. 05...	1330	.0	4.5	6	.07
MAR. 05...	1430	.0	5.2	9	.13
APR. 02...	1500	.0	4.1	18	.20
MAY 08...	0915	3.0	9.5	17	.44
JUNE 06...	1600	7.0	30	27	2.2
JULY 09...	1645	12.0	16	12	.52
AUG. 06...	1530	13.0	9.5	12	.31
SEP. 04...	1030	5.0	7.1	17	.33

a Daily mean discharge.

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