APPENDIX 7-45

INDIAN CREEK WATER QUALITY SUMMARY (USFS)

STORET RIEVAL DATE 81/09/02 - INVENT - VERSION OF MAR. 198.

100400500653 SL17S06E1703
39 21 00.0 111 16 11.0 2
INDIAN CREEK AT GAGE
49015 UTAH
COLORADO RIVER BASIN 14 110691
GREEN RIVER BASIN 05 SAN RAFAEL RIVER 10
113FORS4
0000 CLASS 00 CSN-RSP 0089593-0341125

/TYPA/AMBNT/STREAM

PARAMETER				NUMBER	MEAN	VARIANCE	STAN DEV	COEF VAR	STAND ER	MAXIMUM	MINIMUM	BEG DATE	END DATE
00011	WATER	TEMP	FAHN	47	45.8766	80.1264	8.95133	.195118	1.30569	62.0000	32.0000	72/07/25	78/11/27
00021	AIR	TEMP	FAHN	34	61.2588	186.208	13.6458	.222757	2.34024	85.0000	22.0000	72/07/25	78/07/31
00060	STREAM	FLOW	CFS	44	3.30954	25.7598	5.07541	1.53357	.765147	29.9000	.000000	72/07/25	78/11/27
00070	TURB	JKSN	JTU	23	25.7543	6310.44	79.4383	3.08447	16.5640	375.000	.000000	72/07/25	77/07/25
00095	CNDUCTVY	AT 25C	MICROMHO	15	333.200	3952.43	62.8683	.188681	16.2325	485.000	230.000	75/07/09	78/11/27
00300	DO		MG/L	37	10.3108	2.67744	1.63629	.158697	.269004	14.0000	8.00000	72/07/25	78/05/23
00400	PH		SU	44	8.55837	.383511	.619283	.072360	.093360	9.30000	6.40000	72/07/25	78/11/27
00410	T ALK	CACO3	MG/L	45	255.022	1609.61	40.1200	.157320	5.98073	325.000	80.0000	72/07/25	78/11/27
00530	RESIDUE	TOT NFLT	MG/L	13	16.5384	419.936	20.4923	1.23907	5.68355	69.0000	1.00000	77/04/18	78/11/27
00550	OIL-GRSE	TOT-SXLT	MG/L	1	1.00000					1.00000	1.00000	75/10/15	75/10/15
00620	NO3-N	TOTAL	MG/L	13	.073077	.005373	.073301	1.00307	.020330	.240000	.020000	77/04/18	78/11/27
00650	T PO4	PO4	MG/L	27	.153851	.037084	.192572	1.25167	.037060	1.00000	.020000	72/07/25	76/12/02
00665	PHOS-TOT		MG/L P	13	.032462	.000653	.025546	.786965	.007085	.106000	.010000	77/04/18	78/11/27
00720	CYANIDE	CN-TOT	MG/L	12	.010000	.634E-10	.000008	.000797	.000002	.010000	.010000	75/07/09	76/11/16
00900	TOT HARD	CACO3	MG/L	45	264.622	933.477	30.5529	.115458	4.55455	360.000	205.000	72/07/25	78/11/27
00940	CHLORIDE	TOTAL	MG/L	23	6.58696	9.83302	3.13576	.476057	.653852	12.0000	1.50000	75/07/09	78/11/27
00945	SULFATE	SO4-TOT	MG/L	23	16.3695	51.7709	7.19520	.439548	1.50030	30.8000	6.90000	75/07/09	78/11/27
00951	FLUORIDE	F,TOTAL	MG/L	17	.161764	.006128	.078282	.483925	.018986	.300000	.050000	75/07/09	78/11/27
01002	ARSENIC	AS,TOT	UG/L	13	3.76923	18.6923	4.32346	1.14704	1.19911	10.0000	1.00000	75/07/09	76/11/16
01007	BARIUM	BA,TOT	UG/L	17	23.8176	800.954	28.3011	1.18824	6.86403	100.000	1.00000	75/07/09	78/11/27
01027	CADMIUM	CD,TOT	UG/L	10	4.60000	21.6000	4.64758	1.01034	1.46969	10.0000	1.00000	75/07/09	76/11/16
01032	CHROMIUM	HEX-VAL	UG/L	12	2.66667	12.0606	3.47284	1.30231	1.00252	10.0000	1.00000	75/07/09	76/11/16
01042	COPPER	CU,TOT	UG/L	17	6.29412	41.3456	6.43006	1.02160	1.55952	24.0000	1.00000	75/07/09	78/11/27
01045	IRON	FE,TOT	UG/L	4	30.8675	3088.64	55.5755	1.80045	27.7878	114.000	.130000	77/05/02	78/11/27
01051	LEAD	PB,TOT	UG/L	17	3.52941	24.3897	4.93859	1.39927	1.19778	17.0000	1.00000	75/07/09	78/11/27
01055	MANGNESE	MN	UG/L	17	10.2941	71.7206	8.46880	.822684	2.05399	34.0000	1.00000	75/07/09	78/11/27
01077	SILVER	AG,TOT	UG/L	13	3.07692	15.5769	3.94676	1.28270	1.09463	10.0000	1.00000	75/07/09	76/11/16
01092	ZINC	ZN,TOT	UG/L	12	12.3333	87.8788	9.37437	.760084	2.70615	25.0000	1.00000	75/07/09	76/11/16
01147	SELENIUM	SE,TOT	UG/L	17	3.11765	15.4853	3.93514	1.26221	.954411	10.0000	1.00000	75/07/09	78/11/27
02153	INVALID	PAR	NUMBER	1	.000000					.000000	.000000	76/05/25	76/05/25
31501	TOT COLI	MFIMENDO	/100ML	43	40.8139	3217.35	56.7217	1.38976	8.64997	230.000	.000000	72/07/25	78/11/27
31616	FEC COLI	MFM-FCBR	/100ML	41	27.4146	1921.70	43.8372	1.59904	6.84622	202.000	.000000	72/07/25	78/11/27
31673	FECSTREP	MFKFAGAR	/100ML	43	93.9070	30030.8	173.294	1.84538	26.4271	780.000	.000000	72/07/25	78/11/27
32002	SAMPLE	SIZE	ML	1	10.0000					10.0000	10.0000	73/07/25	73/07/25
38260	MBAS		MG/L	12	.092500	.081675	.285788	3.08961	.082500	1.00000	.010000	75/07/09	76/07/27
70299	RES-SUSP	AT 180 C	MG/L	19	21.9263	1219.48	34.9210	1.59265	8.01143	124.000	1.00000	75/07/09	76/12/02
70300	RESIDUE	DISS-180	C MG/L	16	290.625	1646.00	40.5709	.139599	10.1427	370.000	200.000	76/05/25	78/11/27
70324	MLVSS		MG/L	6	631.833	1126584	1061.41	1.67988	433.317	2760.00	.000000	73/04/23	73/05/30
71850	NITRATE	TOT-NO3	MG/L	26	1.54676	19.3962	4.40411	2.84731	.863717	22.0000	.020000	72/07/25	76/12/02

..L DATE 81/09/02 - INVENT - VERSION OF MAR. 1981

100400500653 SL17S06E1703
39 21 00.0 111 16 11.0 2
INDIAN CREEK AT GAGE
49015 UTAH
COLORADO RIVER BASIN 14 110691
GREEN RIVER BASIN 05 SAN RAFAEL RIVER 10
113FORS4
0000 CLASS 00 CSN-RSP 0089593-0341125

/TYPA/AMBNT/STREAM

PARAMETER			NUMBER	MEAN	VARIANCE	STAN DEV	COEF VAR	STAND ER	MAXIMUM	MINIMUM	BEG DATE	END DATE
71900 MERCURY	HG,TOTAL	UG/L	13	.815385	.123077	.350823	.430255	.097301	1.00000	.200000	75/07/09	76/11/16
74010 IRON	FE	MG/L	13	.204307	.009494	.097437	.476915	.027024	.380000	.020000	75/07/09	76/11/16
80154 SUSP SED	CONC	MG/L	14	4032.07	.189E+09	13767.5	3.41450	3679.52	51800.0	.000000	72/07/27	74/07/24

STORET RETRIEVAL DATE 81/09/02 - INVENT - VERSION OF MAR. 1981

100400502653 SL17S06E1706
39 20 52.0 111 16 45.0 2
INDIAN CREEK AT ROAD CULVERT
49015 UTAH
COLORADO RIVER BASIN 14 110691
GREEN RIVER BASIN 05 SAN RAFAEL RIVER 10
113FORS4
0000 CLASS 00 CSN-RSP 0089605-0341163

/TYPA/AMBNT/STREAM

PARAMETER				NUMBER	MEAN	VARIANCE	STAN DEV	COEF VAR	STAND ER	MAXIMUM	MINIMUM	BEG DATE	END DATE
00011	WATER TEMP		FAHN	50	52.3400	105.821	10.2870	.196541	1.45479	70.0000	32.0000	71/05/04	78/12/11
00021	AIR TEMP		FAHN	24	64.0833	146.690	12.1116	.188997	2.47226	86.0000	44.0000	76/04/12	78/07/31
00055	STREAM VELOCITY		FT/SEC	1	14.0000					14.0000	14.0000	76/04/12	76/04/12
00060	STREAM FLOW		CFS	34	2.09559	8.55551	2.92498	1.39578	.501630	12.0000	.000000	76/04/12	78/12/11
00070	TURB JKSN		JTU	10	3.53099	28.0314	5.29447	1.49943	1.67426	18.0000	.610000	76/04/12	77/05/23
00095	CNDUCTVY AT 25C		MICROMHO	11	337.454	4678.70	68.4010	.202697	20.6237	499.000	269.000	76/04/12	78/12/11
00300	DO		MG/L	16	9.95625	2.34928	1.53274	.153947	.383184	12.6000	8.00000	76/04/12	78/05/23
00400	PH		SU	26	8.50384	.643603	.802249	.094340	.157334	9.30000	6.20000	76/04/12	78/11/27
00410	T ALK	CACO3	MG/L	27	285.593	1002.73	31.6659	.110878	6.09411	359.000	222.000	76/04/12	78/12/11
00530	RESIDUE	TOT NFLT	MG/L	11	7.00000	78.8000	8.87694	1.26813	2.67650	32.0000	1.00000	77/04/18	78/12/11
00620	NO3-N	TOTAL	MG/L	11	.060909	.002649	.051469	.845018	.015519	.160000	.010000	77/04/18	78/12/11
00650	T PO4	PO4	MG/L	15	.114733	.005761	.075902	.661552	.019598	.350000	.035000	76/04/12	76/12/02
00665	PHOS-TOT		MG/L P	11	.022000	.000086	.009252	.420549	.002790	.045000	.010000	77/04/18	78/12/11
00720	CYANIDE	CN-TOT	MG/L	7	.010000	.776E-10	.000009	.000881	.000003	.010000	.010000	76/04/12	76/11/16
00900	TOT HARD	CACO3	MG/L	27	281.481	1325.58	36.4085	.129346	7.00681	359.000	222.000	76/04/12	78/12/11
00940	CHLORIDE	TOTAL	MG/L	18	7.11111	17.2810	4.15705	.584585	.979826	14.0000	1.00000	76/04/12	78/11/27
00945	SULFATE	SO4-TOT	MG/L	18	16.5000	26.4090	5.13897	.311453	1.21127	30.0000	10.0000	76/04/12	78/11/27
00951	FLUORIDE	F,TOTAL	MG/L	9	.195555	.007303	.085457	.436998	.028486	.300000	.050000	76/04/12	78/07/05
01002	ARSENIC	AS,TOT	UG/L	7	.858571	.140015	.374185	.435823	.141429	1.00000	.010000	76/04/12	76/11/16
01007	BARIUM	BA,TOT	UG/L	10	31.6500	1492.00	38.6265	1.22043	12.2148	120.000	1.00000	76/04/12	78/11/27
01027	CADMIUM	CD,TOT	UG/L	4	1.00000	.000000	.000000		.000000	1.00000	1.00000	76/04/12	76/11/16
01032	CHROMIUM	HEX-VAL	UG/L	7	1.00000	.000000	.000000		.000000	1.00000	1.00000	76/04/12	76/11/16
01042	COPPER	CU,TOT	UG/L	10	6.10000	29.8778	5.46606	.896075	1.72852	17.0000	1.00000	76/04/12	78/11/27
01045	IRON	FE,TOT	UG/L	3	31.4017	1170.92	34.2187	1.08971	19.7562	68.0000	.205000	77/05/02	78/11/27
01051	LEAD	PB,TOT	UG/L	10	1.00000	.000000	.000000		.000000	1.00000	1.00000	76/04/12	78/11/27
01055	MANGNESE	MN	UG/L	10	12.1000	219.656	14.8208	1.22486	4.68674	50.0000	1.00000	76/04/12	78/11/27
01077	SILVER	AG,TOT	UG/L	7	1.00000	.000000	.000000		.000000	1.00000	1.00000	76/04/12	76/11/16
01092	ZINC	ZN,TOT	UG/L	6	27.5000	765.100	27.6604	1.00583	11.2923	80.0000	1.00000	76/04/12	76/11/16
01147	SELENIUM	SE,TOT	UG/L	10	1.00000	.000000	.000000		.000000	1.00000	1.00000	76/04/12	78/11/27
31501	TOT COLI	MFIMENDO	/100ML	31	74.4839	7977.73	89.3181	1.19916	16.0420	300.000	.000000	71/07/27	78/12/11
31616	FEC COLI	MFM-FCBR	/100ML	29	71.5862	19998.8	141.417	1.97548	26.2605	700.000	.000000	71/08/25	78/12/11
31673	FECSTREP	MFKFAGAR	/100ML	29	204.759	447607	669.034	3.26743	124.236	3600.00	3.00000	71/08/30	78/12/11
38260	MBAS		MG/L	6	.175000	.163350	.404165	2.30952	.165000	1.00000	.010000	76/04/12	76/07/27
70299	RES-SUSP	AT 180 C	MG/L	15	29.5667	7434.39	86.2229	2.91622	22.2626	340.000	1.00000	76/04/12	76/12/02
70300	RESIDUE	DISS-180	C MG/L	14	310.643	618.385	24.8673	.080051	6.64608	355.000	285.000	76/05/25	78/12/11
71850	NITRATE	TOT-NO3	MG/L	15	.101333	.007098	.084250	.831420	.021753	.270000	.020000	76/04/12	76/12/02
71900	MERCURY	HG,TOTAL	UG/L	7	.657143	.182857	.427618	.650724	.161625	1.00000	.200000	76/04/12	76/11/16
74010	IRON	FE	MG/L	7	.375714	.210495	.458797	1.22113	.173409	1.40000	.110000	76/04/12	76/11/16
80154	SUSP SED	CONC	MG/L	18	1627.78	.226E+08	4761.09	2.92490	1122.20	17000.0	.000000	71/05/04	71/09/15