Appendix Table A-4, continued.

STORET M01P02 SITE LOCATION LITTLE MIAMI
RIVER MILE 98.98 #2 DOLLY VARDEN RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	19.7	6.8	7.83			1.3	K 5.0	39	29	665	
07/13/93	18.8	8.2	7.33			K 1.0	K 5.0	13	22	626	
07/27/93	21.0	7.9	7.60			K 1.0	K 5.0	K 10	19	628	
08/10/93	18.0	5.6				K 1.0	K 5.0	10	28	740	
08/24/93	22.0	5.6				K 1.0	K 5.0	12	23	750	
09/07/93	18.5	6.5				K 1.0	K 5.0	17	35	757	
09/21/93	17.0	5.3				K 1.0	K 5.0	17	37	765	
Average	19.28	6.55	7.587			1.04	K 5.00	16.8	27.5	704.4	
Maximum	22.0	8.2	7.83			1.3	K 5.0	39	37	765	
Minimum	17.0	5.3	7.33			K 1.0	K 5.0	K 10	19	626	

STORET M01P02 RM 98.98

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	5.81	0.12	K 0.05	0.60				0.14	446	K 5
07/13/93	10.10	0.05	K 0.05	0.70				0.10	438	21
07/27/93	6.72	0.05	K 0.05	0.30				0.08	402	10
08/10/93	4.89	0.15	K 0.05	0.50		8.04		K 0.05	596	K 5
08/24/93	5.01	0.19	K 0.05	0.40		7.94		K 0.05	516	5
09/07/93	4.64	0.09	K 0.05	0.40		7.95		0.08	512	K 5
09/21/93	5.81	0.09	K 0.05	0.40		8.93		K 0.05	494	K 5
Average	6.139	0.105	K 0.050	0.471		8.215		0.078	486.2	8.0
Maximum	10.10	0.19	K 0.05	0.70		8.93		0.14	596	21
Minimum	4.64	0.05	K 0.05	0.30		7.94		K 0.05	402	K 5

Appendix Table A-4, continued.

STORET M01P02 RM 98.98

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93				K 2	K 0.2	76	K 30	K 10	104	K 2	36	K 10		K 40	K 2	45	338
07/13/93				K 2	K 0.2	82	K 30	K 10	913	K 2	34	31		K 40	K 2	55	345
07/27/93				K 2	K 0.2	82	K 30	K 10	448	K 2	35	16		K 40	K 2	K 27	349
08/10/93				K 2	K 0.2	79	K 30	K 10	63	K 2	45	16		K 40	K 2	30	374
08/24/93				K 2	K 0.2	80	K 30	K 10	192	K 2	42	22		K 40	K 2	69	373
09/07/93				2	K 0.2	85	K 30	K 10	144	K 2	42	32		K 40	K 2	103	385
09/21/93				K 2	K 0.2	80	K 30	K 10	92	K 2	43	15		K 40	K 2	48	377
Average				2.0	K 0.20	80.5	K 30.0	K 10.0	279.4	K 2.0	39.5	20.2		K 40.0	K 2.0	53.8	363.0
Maximum				2	K 0.2	85	K 30	K 10	913	K 2	45	32		K 40	K 2	103	385
Minimum				K 2	K 0.2	76	K 30	K 10	63	K 2	34	K 10		K 40	K 2	K 27	338

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01P07 SITE LOCATION LITTLE MIAMI
RIVER MILE 89.12 #3 S.R. 72

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	19.3	8.4	7.94			K 1.0	K 5.0	18	23	637	
07/13/93	20.7	9.5	7.61			K 1.0	K 5.0	25	19	573	
07/27/93	24.0	8.3	7.00			K 1.0	K 5.0	K 10	18	569	
08/10/93	19.6	8.6				K 1.0	K 5.0	12	24	691	
08/24/93	22.5	5.5				K 1.0	K 5.0	K 10	32	695	
09/07/93	19.5	8.0				K 1.0	K 5.0	14	25	685	
09/21/93	17.1	8.4				K 1.0	K 5.0	10	24	697	
Average	20.38	8.09	7.517			K 1.00	K 5.00	14.1	23.5	649.5	
Maximum	24.0	9.5	7.94			K 1.0	K 5.0	25	32	697	
Minimum	17.1	5.5	7.00			K 1.0	K 5.0	K 10	18	569	

STORET M01P07 RM 89.12

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	3.24	0.05	K 0.05	0.40				0.07	424	26
07/13/93	7.31	0.06	0.05	0.70				0.11	406	50
07/27/93	4.16	0.03	K 0.05	0.30				0.11	368	33
08/10/93	3.03	0.02	K 0.05	0.40		8.30		K 0.05	550	17
08/24/93	3.12	0.03	K 0.05	0.30		8.27		0.08	452	16
09/07/93	2.80	0.02	K 0.05	0.30		8.22		0.08	462	24
09/21/93	3.22	0.02	0.05	0.40		8.19		0.07	432	K 5
Average	3.839	0.032	0.050	0.400		8.245		0.081	442.0	24.4
Maximum	7.31	0.06	0.05	0.70		8.30		0.11	550	50
Minimum	2.80	0.02	K 0.05	0.30		8.19		K 0.05	368	K 5

Appendix Table A-4, continued.

STORET M01P07 RM 89.12

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93	757	900	560	K 2	K 0.2	81	K 30	K 10	1040	K 2	34	36		K 40	K 2	31	342
07/13/93	1600	3700	230	K 2	K 0.2	77	K 30	K 10	2360	K 2	29	72		K 40	K 2	K 10	312
07/27/93	1130	640	1100	3	K 0.2	75	K 30	137	1410	K 2	31	43		K 40	K 2	34	315
08/10/93	77	320	90	K 2	K 0.2	83	K 30	K 10	684	K 2	39	41		K 40	K 2	K 10	368
08/24/93	320	330	2700	K 2	K 0.2	87	K 30	K 10	681	K 2	37	40		K 40	K 2	K 10	370
09/07/93	30	620	50	3	K 0.2	92	K 30	K 10	1040	K 2	38	77		K 40	K 2	62	386
09/21/93	530	120	420	K 2	0.9	87	K 30	K 10	240	K 2	37	41		K 40	K 2	10	370
Average	634.8	947.1	735.7	2.2	0.30	83.1	K 30.0	28.1	1065.0	K 2.0	35.0	50.0		K 40.0	K 2.0	23.8	351.8
Maximum	1600	3700	2700	3	0.9	92	K 30	137	2360	K 2	39	77		K 40	K 2	62	386
Minimum	30	120	50	K 2	K 0.2	75	K 30	K 10	240	K 2	29	36		K 40	K 2	K 10	312

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01P12 SITE LOCATION LITTLE MIAMI
RIVER MILE 85.38 #4 GRINNELL RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
07/13/93	21.2	9.2	7.97			K 1.0	K 5.0	20	19	571	
08/10/93	19.0	9.2				K 1.0	K 5.0	12	24	669	
08/24/93	21.5	7.8				K 1.0	K 5.0	11	31	660	
09/21/93	17.2	9.2				K 1.0	K 5.0	10	22	663	
Average	19.72	8.84	7.970			K 1.00	K 5.00	13.2	24.0	640.7	
Maximum	21.5	9.2	7.97			K 1.0	K 5.0	20	31	669	
Minimum	17.2	7.8	7.97			K 1.0	K 5.0	10	19	571	

STORET M01P12 RM 85.38

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
07/13/93	7.18	0.05	K 0.05	0.60				0.11	410	54
08/10/93	3.10	K 0.02	K 0.05	0.30		8.33		0.06	554	7
08/24/93	3.26	0.02	K 0.05	K 0.20		8.22		0.14	450	10
09/21/93	3.40	K 0.02	K 0.05	0.20		8.28		0.09	422	10
Average	4.235	0.027	K 0.050	0.325		8.277		0.100	459.0	20.2
Maximum	7.18	0.05	K 0.05	0.60		8.33		0.14	554	54
Minimum	3.10	K 0.02	K 0.05	K 0.20		8.22		0.06	410	7

Appendix Table A-4, continued.

STORET M01P12 RM 85.38

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
07/13/93	2800	2800	1800	K 2	K 0.2	74	K 30	K 10	3460	3	29	88		K 40	K 2	19	304
08/10/93	84	310	50	K 2	K 0.2	79	K 30	K 10	311	K 2	38	11		K 40	K 2	K 10	354
08/24/93				K 2	K 0.2	82	K 30	K 10	339	K 2	38	11		K 40	K 2	K 10	361
09/21/93	2500	210	580	K 2	K 0.2	81	K 30	K 10	337	K 2	37	16		K 40	K 2	K 10	355
Average	1794.7	1106.7	810.0	K 2.0	K 0.20	79.0	K 30.0	K 10.0	1111.7	2.2	35.5	31.5		K 40.0	K2.0	12.2	343.5
Maximum	2800	2800	1800	K 2	K 0.2	82	K 30	K 10	3460	3	38	88		K 40	K 2	19	361
Minimum	84	210	50	K 2	K 0.2	74	K 30	K 10	311	K 2	29	11		K 40	K 2	K 10	304

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01S09 SITE LOCATION LITTLE MIAMI
RIVER MILE 83.14 #5 JACOBY RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
07/13/93	21.2	7.4	8.16			K 1.0	K 5.0	20	18	545	
08/10/93	19.5	9.6				K 1.0	K 5.0	13	29	688	
08/24/93	22.5	7.9				K 1.0	K 5.0	16	46	686	
09/21/93	18.0	8.3				K 1.0	K 5.0	10	33	722	
Average	20.29	8.29	8.160			K 1.00	K 5.00	14.7	31.5	660.2	
Maximum	22.5	9.6	8.16			K 1.0	K 5.0	20	46	722	
Minimum	18.0	7.4	8.16			K 1.0	K 5.0	10	18	545	

STORET M01S09 RM 83.14

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
07/13/93	6.89	0.04	K 0.05	0.60				0.14	410	58
08/10/93	2.96	0.02	K 0.05	0.40		8.37		0.64	546	7
08/24/93	3.38	0.03	0.10	0.30		8.25		0.19	454	K 5
09/21/93	3.44	K 0.02	K 0.05	0.20		8.30		0.12	438	12
Average	4.167	0.027	0.062	0.375		8.307		0.272	462.0	20.5
Maximum	6.89	0.04	0.10	0.60		8.37		0.64	546	58
Minimum	2.96	K 0.02	K 0.05	0.20		8.25		0.12	410	K 5

Appendix Table A-4, continued.

STORET M01S09 RM 83.14

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
07/13/93	5400	2800	3200	K 2	K 0.2	72	K 30	K 10	2730	K 2	28	69		K 40	K 2	K 10	295
08/10/93	133	330	140	K 2	K 0.2	77	K 30	K 10	242	K 2	38	14		K 40	K 2	16	349
08/24/93	80	180	70	K 2	K 0.2	83	K 30	K 10	257	K 2	37	12		K 40	K 2	K 10	360
09/21/93	70	250	50	K 2	K 0.2	85	K 30	K 10	268	K 2	39	15		K 40	K 2	K 10	373
Average	1420.7	890.0	865.0	K 2.0	K 0.20	79.2	K 30.0	K 10.0	874.2	K 2.0	35.5	27.5		K 40.0	K 2.0	11.5	344.2
Maximum	5400	2800	3200	K 2	K 0.2	85	K 30	K 10	2730	K 2	39	69		K 40	K 2	16	373
Minimum	70	180	50	K 2	K 0.2	72	K 30	K 10	242	K 2	28	12		K 40	K 2	K 10	295

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET 600570 SITE LOCATION LITTLE MIAMI
RIVER MILE 80.63 #6 U.S. 68

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	8.0	20.0	8.01		108.9	1.0	K 5.0	32	25	636	K 5
07/13/93	21.8	8.6	7.88			K 1.0	K 5.0	20	18	531	
07/27/93	23.0	7.6	7.92			K 1.0	K 5.0	10	18	500	
08/10/93	19.5	10.4				K 1.0	K 5.0	K 10	28	680	
08/24/93	18.5	8.1				K 1.0	K 5.0	K 10	53	679	
09/07/93	19.8	8.1			28.9	K 1.0	K 5.0	11	32	653	
09/21/93	17.6	8.3			20.6	K 1.0	K 5.0	10	33	720	
Average	18.31	10.15	7.937		52.80	1.00	K 5.00	14.7	29.5	628.4	K 5
Maximum	23.0	20.0	8.01		108.9	1.0	K 5.0	32	53	720	5
Minimum	8.0	7.6	7.92		20.60	K 1.0	K 5.0	K 10	18	500	K 5

STORET 600570 RM 80.63

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	3.86	0.04	K 0.05	0.30			K 10	0.11	434	29
07/13/93	6.78	0.04	K 0.05	0.70				0.14	384	46
07/27/93	3.76	0.02	K 0.05	0.40				0.11	334	28
08/10/93	4.71	K 0.02	K 0.05	0.40		8.43		0.08	542	6
08/24/93	3.13	0.02	K 0.05	0.20		8.29		0.11	450	7
09/07/93	2.66	K 0.02	K 0.05	0.30		8.35		0.13	442	20
09/21/93	3.30	K 0.02	K 0.05	0.30		8.35		0.11	446	14
Average	4.028	0.025	K 0.050	0.371		8.355	K 10	0.112	433.1	21.4
Maximum	6.78	0.04	K 0.05	0.70		8.43	K 10	0.14	542	46
Minimum	2.66	K 0.02	K 0.05	0.20		8.29	K 10	0.08	334	6

Appendix Table A-4, continued.

STORET 600570 RM 80.63

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93	3700	3000	1500	K 2	0.2	80	K 30	K 10	1180	4	35	37		K 40	K 2	136	344
07/13/93	4200	1800	3900	K 2	K 0.2	76	K 30	K 10	3340	K 2	29	91		K 40	K 2	22	309
07/27/93	1400	840	1600	3	K 0.2	67	K 30	K 10	1710	K 2	28	35		K 40	K 2	14	283
08/10/93	35	200	80	K 2	K 0.2	76	K 30	K 10	207	K 2	39	14		K 40	K 2	K 10	350
08/24/93	100	140	30	K 2	K 0.2	82	K 30	K 10	328	K 2	37	13		K 40	K 2	K 10	357
09/07/93	40	380	40	K 2	K 0.2	85	K 30	K 10	664	K 2	36	28		K 40	K 2	15	360
09/21/93	310	240	100	K 2	K 0.2	84	K 30	K 10	413	K 2	38	20		K 40	K 2	16	366
Average	1397.8	942.8	1035.7	2.1	0.20	78.5	K 30.0	K 10.0	1120.2	2.2	34.5	34.0		K 40.0	K 2.0	31.8	338.4
Maximum	4200	3000	3900	3	0.2	85	K 30	K 10	3340	4	39	91		K 40	K 2	136	366
Minimum	35	140	30	K 2	K 0.2	67	K 30	K 10	207	K 2	28	13		K 40	K 2	K 10	283

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01S32 SITE LOCATION LITTLE MIAMI
RIVER MILE 77.00 #7 XENIA FORD RD WWTP MIX

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	21.9	8.9	7.74			1.0	K 5.0	19	32	660	K 5
07/13/93	22.5	8.0	8.02	0.09		K 1.0	K 5.0	21	28	565	K 5
07/27/93	23.5	8.0	8.62	0.01		K 1.0	K 5.0	K 10	31	590	
08/10/93	20.0	11.0		0.03		K 1.0	K 5.0	13	53	787	K 5
08/24/93	25.0	9.2				K 1.0	K 5.0	15	37	740	K 5
09/07/93	20.8	8.2		0.06		1.0	K 5.0	19	62	774	K 5
09/21/93	18.5	8.5		0.02		K 1.0	K 5.0	K 10	78	878	K 5
Average	21.74	8.82	8.127	0.042		1.00	K 5.00	15.2	45.8	713.4	K 5
Maximum	25.0	11.0	8.62	0.09		1.0	K 5.0	21	78	878	5
Minimum	18.5	8.0	7.74	0.01		K 1.0	K 5.0	K 10	28	565	K 5

STORET M01S32 RM 77.00

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	3.92	0.04	0.05	0.40			K 10	0.18	442	26
07/13/93	7.01	0.05	K 0.05	0.80			K 10	0.23	408	75
07/27/93	3.52	0.02	K 0.05	0.30			K 10	0.19	362	22
08/10/93	3.73	0.02	K 0.05	0.40		8.35	K 10	0.45	620	K 5
08/24/93	3.86	0.03	K 0.05	0.40		8.31	K 10	0.28	484	6
09/07/93	3.89	0.03	K 0.05	0.50		8.16	K 10	0.44	512	10
09/21/93	4.85	0.04	K 0.05	0.50		8.17	K 10	0.53	540	8
Average	4.397	0.032	0.050	0.471		8.248	K 10	0.328	481.1	21.7
Maximum	7.01	0.05	0.05	0.80		8.35	K 10	0.53	620	75
Minimum	3.52	0.02	K 0.05	0.30		8.16	K 10	0.18	362	K 5

Appendix Table A-4, continued.

STORET M01S32 RM 77.00

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93				K 2	K 0.2	82	K 30	K 10	845	K 2	35	29		K 40	K 2	15	349
07/13/93	5400	2400	3800	K 2	K 0.2	75	K 30	K 10	2840	K 2	30	70		K 40	K 2	K 10	311
07/27/93	996	580	705	K 4	K 0.2	71	K 30	K 10	1500	K 2	28	26	K 0.20	K 40	K 2	K 10	293
08/10/93	310	225	35	K 2	K 0.2	84	K 30	K 10	190	K 2	39	12	K 0.20	K 40	K 2	61	370
08/24/93	3800	1200	1600	K 2	K 0.2	83	K 30	K 10	267	K 2	37	16	K 0.20	K 40	K 2	K 10	360
09/07/93	10	350	20	2	K 0.2	84	K 30	K 10	495	K 2	35	25	K 0.20	K 40	K 2	K 10	354
09/21/93	180	250	150	K 2	K 0.2	89	K 30	K 10	270	K 2	38	20	K 0.20	K 40	K 2	K 10	379
Average	1782.7	834.2	1051.7	2.2	K 0.20	81.1	K 30.0	K 10.0	915.2	K 2.0	34.5	28.2	K 0.20	K 40.0	K 2.0	18.0	345.1
Maximum	5400	2400	3800	4	K 0.2	89	K 30	K 10	2840	K 2	39	70	K 0.20	K 40	K 2	61	379
Minimum	10	225	20	K 2	K 0.2	71	K 30	K 10	190	K 2	28	12	K 0.20	K 40	K 2	K 10	293

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01W25 SITE LOCATION LITTLE_MIAMI
RIVER MILE 76.43 #8 JUST UPST SHAWNEE CR

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	21.9	8.9	7.74			1.0	K 5.0	24	31	652	
07/13/93	23.0	8.6	8.02			K 1.0	K 5.0	14	22	541	
07/27/93	24.2	8.3	8.10			K 1.0	K 5.0	11	24	546	
08/10/93	19.5	9.4				K 1.0	K 5.0	14	41	742	
08/24/93	25.2	9.3				K 1.0	K 5.0	14	118	754	
09/07/93	20.5	7.5				K 1.0	K 5.0	18	55	742	
09/21/93	18.4	8.6				K 1.0	K 5.0	K 10	54	814	
Average	21.81	8.65	7.953			1.00	K 5.00	15.0	49.2	684.4	
Maximum	25.2	9.4	8.10			1.0	K 5.0	24	118	814	
Minimum	18.4	7.5	7.74			K 1.0	K 5.0	K 10	22	541	

STORET M01W25 RM 76.43

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	3.74	0.04	K 0.05	0.30				0.16	444	19
07/13/93	6.94	0.04	K 0.05	0.70				0.15	410	36
07/27/93	3.50	0.02	K 0.05	0.30				0.12	348	25
08/10/93	3.38	0.02	0.05	0.40		8.38		0.30	524	11
08/24/93	3.68	0.03	K 0.05	0.30		8.31		0.28	499	8
09/07/93	3.40	0.02	K 0.05	0.30		8.13		0.29	490	17
09/21/93	4.28	K 0.02	K 0.05	0.40		8.22		0.36	500	16
Average	4.131	0.027	0.050	0.385		8.260		0.237	459.2	18.8
Maximum	6.94	0.04	0.05	0.70		8.38		0.36	524	36
Minimum	3.38	K 0.02	K 0.05	0.30		8.13		0.12	348	8

Appendix Table A-4, continued.

STORET M01W25 RM 76.43

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93	1300	750	1000	K 2	K 0.2	82	K 30	K 10	953	K 2	35	33		K 40	K 2	K 10	349
07/13/93	2800	2800	3600	K 2	K 0.2	80	K 30	K 10	2610	K 2	29	70		K 40	K 2	16	319
07/27/93	631	500	400	4	K 0.2	69	K 30	K 10	1240	K 2	28	22		K 40	K 2	K 10	288
08/10/93	32	400	30	K 2	K 0.2	83	K 30	K 10	207	K 2	39	14		K 40	K 2	K 10	368
08/24/93	370	240	270	K 2	K 0.2	84	K 30	K 10	262	K 2	38	16		K 40	K 2	K 10	366
09/07/93	10	310	30	2	K 0.2	86	K 30	K 10	554	K 2	36	29		K 40	K 2	K 10	363
09/21/93	190	210	140	K 2	K 0.2	90	K 30	K 10	376	K 2	38	26		K 40	K 2	12	381
Average	761.8	744.2	781.4	2.2	K 0.20	82.0	K 30.0	K 10.0	886.0	K 2.0	34.7	30.0		K 40.0	K 2.0	11.1	347.7
Maximum	2800	2800	3600	4	K 0.2	90	K 30	K 10	2610	K 2	39	70		K 40	K 2	16	381
Minimum	10	210	30	K 2	K 0.2	69	K 30	K 10	207	K 2	28	14		K 40	K 2	K 10	288

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01P10 SITE LOCATION LITTLE MIAMI
RIVER MILE 74.46 #9 U.S. 35

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	21.5	8.6	7.87			1.1	K 5.0	28	31	654	
07/13/93	18.1	7.9				K 1.0	K 5.0	19	18	477	
07/27/93	18.3	7.7		0.08		K 1.0	K 5.0	K 10	20	503	
08/10/93	16.0	7.9				K 1.0	K 5.0	17	39	715	
08/24/93	18.5	6.3				K 1.0	K 5.0	K 10	46	745	
09/07/93	15.0	7.2				K 1.0	K 5.0	24	52	882	
09/21/93	13.0	8.4				K 1.0	K 5.0	11	61	817	
Average	17.19	7.71	7.870	0.08		1.01	K 5.00	17.0	38.1	684.7	
Maximum	21.5	8.6	7.87	0.08		1.1	K 5.0	28	61	882	
Minimum	13.0	6.3	7.87	0.08		K 1.0	K 5.0	K 10	18	477	

STORET M01P10 RM 74.46

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	3.64	0.04	K 0.05	0.40				0.15	422	36
07/13/93	6.44	0.06	K 0.05	0.60		8.26		0.19	356	152
07/27/93	2.81	0.04	K 0.05	0.40		8.20		0.14	322	67
08/10/93	2.98	0.04	K 0.05	0.30		8.21		1.84	568	7
08/24/93	3.60	0.04	K 0.05	0.30		8.10		0.21	494	23
09/07/93	3.38	0.05	0.15	0.50		8.16		0.25	488	28
09/21/93	4.20	0.04	K 0.05	0.40		8.15		0.33	504	24
Average	3.864	0.044	0.064	0.414		8.180		0.444	450.5	48.1
Maximum	6.44	0.06	0.15	0.60		8.26		1.84	568	152
Minimum	2.81	0.04	K 0.05	0.30		8.10		0.14	322	7

Appendix Table A-4, continued.

STORET M01P10 RM 74.46

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93				3	K 0.2	82	K 30	K 10	1100	K 2	35	38		K 40	K 2	10	349
07/13/93				K 2	K 0.2	66	K 30	K 10	4960	4	26	120		K 40	K 2	35	272
07/27/93				3	K 0.2	63	K 30	K 10	3630	3	26	60		K 40	K 2	K 10	264
08/10/93				K 2	K 0.2	80	K 30	K 10	308	K 2	39	17		K 40	K 2	K 10	360
08/24/93				K 2	K 0.2	84	K 30	K 10	688	K 2	38	39		K 40	K 2	12	366
09/07/93				K 2	K 0.2	87	K 30	K 10	734	K 2	36	43		K 40	K 2	K 10	365
09/21/93				K 2	K 0.2	91	K 30	10	543	4	38	35		K 40	K 2	11	384
Average				2.2	K 0.20	79.0	K 30.0	10.0	1709.0	2.7	34.0	50.2		K 40.0	K2.0	14.0	337.1
Maximum				3	K 0.2	91	K 30	10	4960	4	39	120		K 40	K 2	35	384
Minimum				K 2	K 0.2	63	K 30	K 10	308	K 2	26	17		K 40	K 2	K 10	264

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01P13 SITE LOCATION LITTLE MIAMI
RIVER MILE 72.30 #10 INDIAN RIPPLE RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	19.0	8.4	7.74			1.0	K 5.0	34	48	687	
07/13/93	18.0	8.1				K 1.0	K 5.0	14	30	527	
07/27/93	18.8	7.8				K 1.0	K 5.0	K 10	32	590	
08/10/93	15.5	7.9				K 1.0	K 5.0	12	66	810	
08/24/93	18.0	7.6				K 1.0	K 5.0	35	81	842	
09/07/93	15.0	8.6				K 1.0	K 5.0	17	106		
09/21/93	13.0	8.4				K 1.0	K 5.0	K 10	91	926	
Average	16.75	8.11	7.740			1.00	K 5.00	18.8	64.8	730.3	
Maximum	19.0	8.6	7.74			1.0	K 5.0	35	106	926	
Minimum	13.0	7.6	7.74			K 1.0	K 5.0	K 10	30	527	

STORET M01P13 RM 72.30

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	2.90	0.04	K 0.05	0.40				0.24	452	71
07/13/93	5.53	0.05	K 0.05	0.50		8.21		0.24	380	114
07/27/93	3.19	0.03	K 0.05	0.30				0.18	363	53
08/10/93	3.44	0.03	K 0.05	0.40		8.12		0.75	610	9
08/24/93	4.15	0.02	K 0.05	0.20		8.10		0.52	522	17
09/07/93	4.08	0.03	K 0.05	0.50		8.12		0.64	568	20
09/21/93	4.45	0.02	K 0.05	0.40		8.13		0.68	552	18
Average	3.962	0.031	K 0.050	0.385		8.136		0.464	492.4	43.1
Maximum	5.53	0.05	K 0.05	0.50		8.21		0.75	610	114
Minimum	2.90	0.02	K 0.05	0.20		8.10		0.18	363	9

Appendix Table A-4, continued.

STORET M01P13 RM 72.30

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93	2000	2000	1430	K 2	K 0.2	76	K 30	K 10	2120	3	30	74		K 40	K 2	10	313
07/13/93	5000	18200	2800	K 2	K 0.4	70	K 30	K 10	5000	K 2	26	123		K 40	K 2	28	282
07/27/93	1700	800	2500	K 2	K 0.2	68	K 30	K 10	2600	K 2	29	54		K 40	K 2	K 10	289
08/10/93	16	330	30														
08/24/93	270	460	220	K 2	K 0.2	81	K 30	K 10	566	K 2	35	31		K 40	K 2	K 10	346
09/07/93	20	440	130	K 2	K 0.2	82	K 30	K 10	511	K 2	33	33		K 40	K 2	15	341
09/21/93	210	230	110	K 2	K 0.2	85	K 30	K 10	430	K 2	36	29		K 40	K 2	13	360
Average	1316.5	3208.5	1031.4	K 2.0	K 0.20	77.0	K 30.0	K10.0	1871.2	2.2	31.5	57.3		K 40.0	K 2.0	14.3	321.8
Maximum	5000	18200	2800	K 2	K 0.4	85	K 30	K 10	5000	3	36	123		K 40	K 2	28	360
Minimum	16	230	30	K 2	K 0.2	68	K 30	K 10	430	K 2	26	29		K 40	K 2	K 10	282

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01S07 SITE LOCATION LITTLE MIAMI
RIVER MILE 66.56 #11 LOWER BELLBROOK RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	18.0	7.8				1.1	7.3	37	33	571	
07/13/93	18.5	8.0				K 1.0	8.1	19	23	476	
07/27/93	19.3	7.8				K 1.0	K 5.0	K 10	40	719	
08/10/93	16.2	8.5				K 1.0	K 5.0	11	69	809	
08/24/93	18.5	7.5				K 1.0	K 5.0	16	81	839	
09/07/93	15.5	8.3				K 1.0	K 5.0	20	89	970	
09/21/93	13.5	8.6				K 1.0	K 5.0	13	100	950	
Average	17.07	8.07				1.01	5.78	18.0	62.1	762.0	
Maximum	19.3	8.6				1.1	8.1	37	100	970	
Minimum	13.5	7.5				K 1.0	K 5.0	K 10	23	476	

STORET M01S07 RM 66.56

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	2.43	0.06	0.09	0.40		8.10		0.25	368	132
07/13/93	5.34	0.07	K 0.05	0.30		8.25		0.44	352	164
07/27/93	3.81	K 0.02	K 0.05	0.40		8.32		0.15	450	18
08/10/93	3.35	0.02	K 0.05	0.50		8.32		0.27	616	10
08/24/93	3.85	0.02	K 0.05	0.30		8.10		0.43	524	19
09/07/93	3.98	0.02	K 0.05	0.30		8.21		0.45	534	17
09/21/93	4.60	0.03	K 0.05	0.60		8.19		0.67	568	18
Average	3.908	0.034	0.055	0.400		8.212		0.380	487.4	54.0
Maximum	5.34	0.07	0.09	0.60		8.32		0.67	616	164
Minimum	2.43	K 0.02	K 0.05	0.30		8.10		0.15	352	10

Appendix Table A-4, continued.

STORET M01S07 RM 66.56

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93	3400	12000	5700	K 2	K 0.2	69	K 30	K 10	6600	8	27	164		K 40	K 2	39	283
07/13/93	4650	12600	3650	K 2	K 0.2	67	K 30	K 10	2720	3	25	141		K 40	K 2	27	270
07/27/93	450	520	420	K 2	K 0.2	86	K 30	K 10	817	K 2	37	28		K 40	K 2	K 10	367
08/10/93	12	300	10	K 2	K 0.2	80	K 30	K 10	359	K 2	37	16		K 40	K 2	K 10	352
08/24/93	90	230	100	K 2	K 0.2	83	K 30	K 10	564	K 2	35	36		K 40	K 2	10	351
09/07/93	40	300	130	K 2	K 0.2	83	30	K 10	652	K 2	34	40		K 40	K 2	14	347
09/21/93	340	160	260	K 2	K 0.2	86	K 30	K 10	615	K 2	35	39		K 40	K 2	19	359
Average	1283.1	3730.0	1467.1	K 2.0	K 0.20	79.1	30.0	K 10.0	1761.0	3.0	32.8	66.2		K 40.0	K2.0	18.4	332.7
Maximum	4650	12600	5700	K 2	K 0.2	86	30	K 10	6600	8	37	164		K 40	K 2	39	367
Minimum	12	160	10	K 2	K 0.2	67	K 30	K 10	359	K 2	25	16		K 40	K 2	K 10	270

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01S31 SITE LOCATION LITTLE MIAMI
RIVER MILE 64.40 #12 SUGARCREEK WWTP MIX

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	18.0	7.8		0.18		2.0	6.0	37	79	729	7
07/13/93	17.9	8.1		0.13		K 1.0	6.0	18	99	742	K 5
07/27/93	19.7	8.4				K 1.0	K 5.0	K 10	66	792	
08/10/93	16.8	8.9		0.04		K 1.0	K 5.0	13	80	837	K 5
08/24/93	18.0	7.9		0.10		K 1.0	K 5.0	19	88	879	K 5
09/07/93	16.0	8.6		0.08		2.0	K 5.0	19	132	963	K 5
09/21/93	14.5	8.8		0.09		K 1.0	K 5.0	19	131	1020	K 5
Average	17.27	8.35		0.103		1.28	5.29	19.2	96.4	851.7	5.3
Maximum	19.7	8.9		0.18		2.0	6.0	37	132	1020	7
Minimum	14.5	7.8		0.04		K 1.0	K 5.0	K 10	66	729	K 5

STORET M01S31 RM 64.40

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	2.31	0.17	0.24	0.80		7.83	K 10	0.52	436	62
07/13/93	4.88	0.12	K 0.05	0.50		7.96	K 10	0.36	484	88
07/27/93	2.90	0.07	1.52	2.00		8.27	K 10	0.58	502	19
08/10/93	3.22	0.05	0.11	0.70		8.30	K 10	0.36	628	14
08/24/93	4.07	0.04	K 0.05	0.40		8.17	K 10	0.68	540	28
09/07/93	4.38	0.22	0.28	0.90		8.06	K 10	0.48	592	22
09/21/93	4.28	0.18	0.30	1.20		8.05	K 10	0.88	608	18
Average	3.719	0.121	0.364	0.928		8.091	K 10	0.551	541.4	35.8
Maximum	4.88	0.22	1.52	2.00		8.30	K 10	0.88	628	88
Minimum	2.31	0.04	K 0.05	0.40		7.83	K 10	0.36	436	14

Appendix Table A-4, continued.

STORET M01S31 RM 64.40

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93	2300	2700	2500	K 2	K 0.2	64	K 30	K 10	4310	4	26	143		K 40	K 2	33	267
07/13/93				2	K 0.2	67	K 30	K 10	4040	2	26	104		K 40	K 2	31	274
07/27/93	170	190	90	K 2	K 0.2	81	K 30	K 10	588	K 2	35	35	K 0.20	K 40	K 2	K 10	346
08/10/93	10	K 10	K 10	K 2	K 0.2	77	K 30	K 10	442	K 2	35	28	K 0.20	K 40	K 2	K 10	336
08/24/93	2000	520	1600	K 2	K 0.2	73	K 30	K 10	510	K 2	31	30	K 0.20	K 40	K 2	12	310
09/07/93	90	110	14	2	K 0.2	75	K 30	K 10	572	K 2	31	48	K 0.20	K 40	K 2	K 10	315
09/21/93	5900	440	2800	K 2	K 0.2	80	K 30	K 10	440	K 2	33	45	1.55	K 40	K 2	13	336
Average	1745.0	661.7	1169.0	2.0	K 0.20	73.8	K 30.0	K 10.0	1557.4	2.2	31.0	61.8	0.470	K 40.0	K2.0	17.0	312.0
Maximum	5900	2700	2800	2	K 0.2	81	K 30	K 10	4310	4	35	143	1.55	K 40	K 2	33	346
Minimum	10	K 10	K 10	K 2	K 0.2	64	K 30	K 10	440	K 2	26	28	K 0.20	K 40	K 2	K 10	267

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01S30 SITE LOCATION LITTLE MIAMI
RIVER MILE 64.28 #13 DST SUGARCREEK WWTP

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	18.2	7.6				1.4	6.5	33	37	572	
07/13/93	18.5	7.9				K 1.0	8.4	14	27	496	
07/27/93	19.8	7.9				K 1.0	K 5.0	K 10	50	746	
08/10/93	16.8	8.8				K 1.0	K 5.0	13	84	854	
08/24/93	18.5	7.3				K 1.0	K 5.0	20	95	896	
09/07/93	16.0	8.4				1.0	K 5.0	19	98	884	
09/21/93	14.0	8.9				K 1.0	K 5.0	10	112	933	
Average	17.39	8.11				1.05	5.70	17.0	71.8	768.7	
Maximum	19.8	8.9				1.4	8.4	33	112	933	
Minimum	14.0	7.3				K 1.0	K 5.0	K 10	27	496	

STORET M01S30 RM 64.28

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	2.28	0.06	0.09	0.40		8.09		0.29	364	144
07/13/93	4.83	0.06	K 0.05	0.40		8.21		0.25	350	159
07/27/93	3.65	0.03	0.19	0.40		8.35		0.20	462	21
08/10/93	3.14	0.06	0.28	0.70				0.55	632	15
08/24/93	3.98	0.04	K 0.05	0.50		8.04		0.56	552	20
09/07/93	4.08	0.07	0.08	0.40		8.20		0.45	552	25
09/21/93	4.20	0.09	0.11	0.70		8.14		0.68	562	19
Average	3.737	0.058	0.121	0.500		8.172		0.425	496.2	57.5
Maximum	4.83	0.09	0.28	0.70		8.35		0.68	632	159
Minimum	2.28	0.03	K 0.05	0.40		8.04		0.20	350	15

Appendix Table A-4, continued.

STORET M01S30 RM 64.28

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93	6180	6500	3550	K 2	K 0.2	68	K 30	K 10	5810	7	25	175		K 40	K 2	61	273
07/13/93	7090	14400	4300	2	K 0.2	64	K 30	K 10	7340	4	25	151		K 40	K 2	19	263
07/27/93	270	520	210	K 2	K 0.2	84	K 30	K 10	626	K 2	37	K 10		K 40	K 2	K 10	362
08/10/93	540	80	K 10	K 2	K 0.2	82	K 30	K 10	405	K 2	36	22		K 40	K 2	K 10	353
08/24/93	590	210	900	K 2	K 0.2	82	K 30	K 10	749	K 2	35	37		K 40	K 2	K 10	349
09/07/93	40	70	6	K 2	K 0.2	82	K 30	K 10	805	K 2	33	50		K 40	K 2	K 10	341
09/21/93	500	100	305	K 2	K 0.2	83	K 30	K 10	524	K 2	34	38		K 40	K 2	12	347
Average	2172.8	3125.7	1325.8	2.0	K 0.20	77.8	K 30.0	K 10.0	2322.7	3.0	32.1	69.0		K 40.0	K 2.0	18.8	326.8
Maximum	7090	14400	4300	2	K 0.2	84	K 30	K 10	7340	7	37	175		K 40	K 2	61	362
Minimum	40	70	6	K 2	K 0.2	64	K 30	K 10	405	K 2	25	K 10		K 40	K 2	K 10	263

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01W45 SITE LOCATION LITTLE MIAMI
RIVER MILE 63.28 #14 SPRING VALLEY PARK

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	17.8	7.7				1.4	7.5	26	36	571	
07/13/93	19.0	7.8				K 1.0	8.3	15	28	497	
07/27/93	20.0	8.6				K 1.0	K 5.0	K 10	48	775	
08/10/93	16.9	9.3				K 1.0	K 5.0	14	75	829	
08/24/93	18.5	7.3				K 1.0	K 5.0	13	91	876	
09/07/93	16.0	8.4				K 1.0	K 5.0	17	96	882	
09/21/93	14.0	8.7				K 1.0	K 5.0	K 10	96	913	
Average	17.45	8.25				1.05	5.84	15.0	67.1	763.2	
Maximum	20.0	9.3				1.4	8.3	26	96	913	
Minimum	14.0	7.3				K 1.0	K 5.0	K 10	28	497	

STORET M01W45 RM 63.28

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	2.41	0.07	0.07	0.50		8.06		0.29	360	101
07/13/93	4.98	0.06	K 0.05	0.70		8.21		0.41	360	134
07/27/93	3.77	0.03	0.13	0.30		8.39		1.29	462	14
08/10/93	3.52	0.04	K 0.05	0.40				1.74	622	10
08/24/93	4.16	0.03	K 0.05	0.70		8.12		0.56	564	24
09/07/93	4.27	0.08	0.08	0.60		8.22		0.44	546	24
09/21/93	4.46	0.06	0.07	0.50		8.21		0.58	564	16
Average	3.938	0.052	0.071	0.528		8.202		0.758	496.8	46.1
Maximum	4.98	0.08	0.13	0.70		8.39		1.74	622	134
Minimum	2.41	0.03	K 0.05	0.30		8.06		0.29	360	10

Appendix Table A-4, continued.

STORET M01W45 RM 63.28

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93	5200	9500	4700	2	K 0.2	67	K 30	K 10	3760	5	26	162		K 40	K 2	33	274
07/13/93	4600	15400	4200	K 2	K 0.2	66	K 30	K 10	6850	4	26	156		K 40	K 2	24	272
07/27/93				K 2	K 0.2	86	K 30	K 10	520	K 2	37	21		K 40	K 2	K 10	367
08/10/93	250	120	K 10	K 2	K 0.2	81	K 30	K 10	358	K 2	36	23		K 40	K 2	K 10	351
08/24/93	140	230	180	K 2	K 0.2	83	K 30	K 10	668	K 2	34	33		K 40	K 2	K 10	347
09/07/93	160	290	420	K 2	K 0.2	82	K 30	K 10	636	K 2	33	40		K 40	K 2	K 10	341
09/21/93	180	80	90	K 2	K 0.2	86	K 30	K 10	495	K 2	33	33		K 40	K 2	18	351
Average	1755.0	4270.0	1600.0	2.0	K 0.20	78.7	K 30.0	K 10.0	1898.1	2.7	32.1	66.8		K 40.0	K 2.0	16.4	329.0
Maximum	5200	15400	4700	2	K 0.2	86	K 30	K 10	6850	5	37	162		K 40	K 2	33	367
Minimum	140	80	K 10	K 2	K 0.2	66	K 30	K 10	358	K 2	26	21		K 40	K 2	K 10	272

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01S29 SITE LOCATION LITTLE MIAMI
RIVER MILE 53.20 #15 DST WAYNESVILLE WWTP

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	19.0	7.7				1.2	7.5	24	30	469	
07/13/93	19.5	8.1				K 1.0	5.9	14	28	522	
07/27/93	20.8	8.8				K 1.0	K 5.0	K 10	47	750	
08/10/93	17.5	8.9				K 1.0	K 5.0	12	75	833	
08/24/93	19.2	7.6				K 1.0	K 5.0	12	78	853	
09/07/93	16.5	8.5				K 1.0	K 5.0	12	78	827	
09/21/93	14.0	9.4				K 1.0	K 5.0	14	97	931	
Average	18.07	8.42				1.02	5.49	14.0	61.8	740.7	
Maximum	20.8	9.4				1.2	7.5	24	97	931	
Minimum	14.0	7.6				K 1.0	K 5.0	K 10	28	469	

STORET M01S29 RM 53.20

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	1.99	0.06	0.05	0.40		8.12		0.29	308	231
07/13/93	4.03	0.04	K 0.05	0.40		8.28		0.22	368	200
07/27/93	3.79	0.14	K 0.05	K 0.20		8.38		0.22	458	29
08/10/93	3.21	0.04	K 0.05	0.50		8.36		0.30	626	13
08/24/93	3.85	0.03	K 0.05	K 0.20		8.13		0.64	540	29
09/07/93	4.00	0.02	K 0.05	0.30		8.25		0.40	517	30
09/21/93	4.91	0.03	K 0.05	0.50		8.23		0.54	562	21
Average	3.682	0.051	0.050	0.357		8.249		0.372	482.7	79.0
Maximum	4.91	0.14	0.05	0.50		8.38		0.64	626	231
Minimum	1.99	0.02	K 0.05	K 0.20		8.12		0.22	308	13

Appendix Table A-4, continued.

STORET M01S29 RM 53.20

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93				3	K 0.2	60	K 30	K 10	8000	9	21	226		K 40	K 2	44	236
07/13/93	3000	10700	2900	2	K 0.2	76	K 30	K 10	8280	6	29	213		K 40	K 2	28	309
07/27/93				K 2	K 0.2	88	K 30	K 10	851	K 2	37	34		K 40	K 2	K 10	372
08/10/93	80	80	30	K 2	K 0.2	82	K 30	K 10	502	K 2	35	30		K 40	K 2	K 10	349
08/24/93	150	270	100	K 2	K 0.2	85	K 30	K 10	875	K 2	34	41		K 40	K 2	K 10	352
09/07/93	110	300	40	K 2	K 0.2	87	K 30	K 10	1160	K 2	33	56		44	K 2	K 10	353
09/21/93	200	230	170	K 2	K 0.2	86	K 30	K 10	621	K 2	33	38		K 40	K 2	13	351
Average	708.8	2316.0	648.0	2.1	K 0.20	80.5	K 30.0	K 10.0	2898.4	3.5	31.7	91.1		40.5	K2.0	17.8	331.7
Maximum	3000	10700	2900	3	K 0.2	88	K 30	K 10	8280	9	37	226		44	K 2	44	372
Minimum	80	80	30	K 2	K 0.2	60	K 30	K 10	502	K 2	21	30		K 40	K 2	K 10	236

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05P01 SITE LOCATION LITTLE_MIAMI
RIVER MILE 47.50 #16 OREGONIA RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/29/93	19.0	7.8				2.0	K 5.0	27	32	437	
07/13/93	17.0	8.9				K 1.0	K 5.0	13	28	497	
07/27/93	22.0	8.3				K 1.0	K 5.0	K 10	50	711	
08/10/93	17.5	8.9				K 1.0	K 5.0	13	61	752	
08/24/93	19.2	7.6				K 1.0	K 5.0	13	73	795	
09/07/93	16.0	8.5				K 1.0	K 5.0	16	65	722	
09/21/93	14.5	8.8				K 1.0	K 5.0	14	72	775	
Average	17.88	8.39				1.14	K 5.00	15.1	54.4	669.8	
Maximum	22.0	8.9				2.0	K 5.0	27	73	795	
Minimum	14.5	7.6				K 1.0	K 5.0	K 10	28	437	

STORET M05P01 RM 47.50

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/29/93	1.99	0.06	K 0.05	0.40		8.10		0.31	264	250
07/13/93	3.29	0.05	0.06	K 0.20		8.22		0.12	344	120
07/27/93	3.61	0.02	K 0.05	K 0.20		8.40		0.22	444	22
08/10/93	3.00	0.03	K 0.05	0.50		8.35		0.26	578	14
08/24/93	3.57	0.02	K 0.05	K 0.20		8.22		0.33	502	26
09/07/93	3.36	0.02	K 0.05	0.30		8.26		0.26	462	22
09/21/93	4.01	K 0.02	K 0.05	0.40		8.32		0.42	468	25
Average	3.261	0.031	0.051	0.314		8.267		0.274	437.4	68.4
Maximum	4.01	0.06	0.06	0.50		8.40		0.42	578	250
Minimum	1.99	K 0.02	K 0.05	K 0.20		8.10		0.12	264	14

Appendix Table A-4, continued.

STORET M05P01 RM 47.50

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/29/93	4200	12000	3200	4	K 0.2	50	K 30	K 10	10500	10	18	257		K 40	K 2	60	199
07/13/93	1600	11600	1200	K 2	K 0.2	66	K 30	K 10	4330	3	29	209		K 40	K 2	28	284
07/27/93	240	320	100	2	K 0.2	82	K 30	K 10	938	K 2	35	34		K 40	K 2	K 10	349
08/10/93	80	70	K 10	K 2	K 0.2	76	K 30	K 10	550	K 2	33	28		K 40	K 2	K 10	326
08/24/93	315	80	240	K 2	K 0.2	80	K 30	10	833	K 2	33	44		K 40	K 2	K 10	336
09/07/93	60	240	80	K 2	K 0.2	77	K 30	K 10	945	K 2	30	48		K 40	K 2	K 10	316
09/21/93				K 2	K 0.2	77	K 30	K 10	716	K 2	31	39		K 40	K 2	K 10	320
Average	1082.5	4051.7	805.0	2.2	K 0.20	72.5	K 30.0	10.0	2687.4	3.2	29.8	94.1		K 40.0	K2.0	19.7	304.2
Maximum	4200	12000	3200	4	K 0.2	82	K 30	10	10500	10	35	257		K 40	K 2	60	349
Minimum	60	70	K 10	K 2	K 0.2	50	K 30	K 10	550	K 2	18	28		K 40	K 2	K 10	199

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05S12 SITE LOCATION LITTLE MIAMI
RIVER MILE 43.76 #17 S.R. 350

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
07/14/93	23.3	7.6	7.69			K 1.0	K 5.0	15	28	489	
08/11/93	22.5	9.2				K 1.0	K 5.0	14	63		
08/25/93	25.9	6.8				K 1.0	K 5.0	14	76	814	
09/22/93	17.5	8.8				K 1.0	K 5.0	K 10	76	810	
Average	22.29	8.09	7.690			K 1.00	K 5.00	13.2	60.7	704.3	
Maximum	25.9	9.2	7.69			K 1.0	K 5.0	15	76	814	
Minimum	17.5	6.8	7.69			K 1.0	K 5.0	K 10	28	489	

STORET M05S12 RM 43.76

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
07/14/93	4.63	0.03	K 0.05	0.70				0.18	368	90
08/11/93	3.08	0.03	K 0.05	0.40		8.33		0.24	498	12
08/25/93	3.33	0.02	K 0.05	0.50		8.27		0.39	510	16
09/22/93	4.06	K 0.02	K 0.05	0.30		8.28		0.35	486	14
Average	3.774	0.025	K 0.050	0.475		8.290		0.290	465.5	33.0
Maximum	4.63	0.03	K 0.05	0.70		8.33		0.39	510	90
Minimum	3.08	K 0.02	K 0.05	0.30		8.27		0.18	368	12

Appendix Table A-4, continued.

STORET M05S12 RM 43.76

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
07/14/93				K 2	K 0.2	60	K 30	K 10	2000	3	24	96		K 40	K 2	21	249
08/11/93				K 2	K 0.2	72	K 30	K 10	475	K 2	34	27		K 40	K 2	K 10	320
08/25/93				K 2	K 0.2	81	K 30	K 10	635	K 2	32	35		K 40	K 2	K 10	334
09/22/93				K 2	K 0.2	75	K 30	K 10	635	K 2	K 30	34		K 40	K 2	K 10	311
Average				K 2.0	K 0.20	72.0	K 30.0	K 10.0	936.2	2.2	30.0	48.0		K 40.0	K 2.0	12.7	303.5
Maximum				K 2	K 0.2	81	K 30	K 10	2000	3	34	96		K 40	K 2	21	334
Minimum				K 2	K 0.2	60	K 30	K 10	475	K 2	24	27		K 40	K 2	K 10	249

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05P02 SITE LOCATION LITTLE_MIAMI
RIVER MILE 38.66 #18 S.R. 123

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	22.5	8.5	7.76			K 1.0	K 5.0	19	30	509	
07/14/93	23.0	7.9	7.70			K 1.0	5.0	22	28	479	
07/28/93	27.0	9.2	6.98			K 1.0	K 5.0	20	46	715	
08/11/93	23.5	9.6				K 1.0	K 5.0	17	60		
08/25/93	27.0	8.0				K 1.0	K 5.0	12	72	795	
09/08/93	21.0	8.4				K 1.0	K 5.0	17	64	697	
Average	24.00	8.59	7.480			K 1.00	5.00	17.8	50.0	639.0	
Maximum	27.0	9.6	7.76			K 1.0	5.0	22	72	795	
Minimum	21.0	7.9	6.98			K 1.0	K 5.0	12	28	479	

STORET M05P02 RM 38.66

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.66	0.05	K 0.05	0.30				0.20	330	65
07/14/93	4.30	0.03	K 0.05	0.40				0.16	360	94
07/28/93	3.66	K 0.02	K 0.05	K 0.20				0.21	448	18
08/11/93	3.00	0.03	K 0.05	0.30		8.39		0.29	492	10
08/25/93	3.32	0.02	K 0.05	0.50		8.38		0.32	510	16
09/08/93	3.19	0.02	K 0.05	0.50		8.36		0.33	463	23
Average	3.354	0.028	K 0.050	0.366		8.377		0.251	433.8	37.6
Maximum	4.30	0.05	K 0.05	0.50		8.39		0.33	510	94
Minimum	2.66	K 0.02	K 0.05	K 0.20		8.36		0.16	330	10

Appendix Table A-4, continued.

STORET M05P02 RM 38.66

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93				K 2	K 0.2	58	K 30	K 10	2890	K 2	24	97	K 0.20	K 40	K 2	12	244
07/14/93				2	K 0.2	61	K 30	K 10	2020	3	23	97		K 40	K 2	18	247
07/28/93				K 2	K 0.2	82	K 30	K 10	658	K 2	34	26		K 40	K 2	K 10	345
08/11/93				K 2	K 0.2	72	K 30	K 10	550	K 2	33	31		K 40	K 2	14	316
08/25/93				2	K 0.2	81	K 30	K 10	482	K 2	32	28		K 40	K 2	10	334
09/08/93				K 2	K 0.2	73	K 30	K 10	860	K 2	30	42		K 40	K 2	29	306
Average				2.0	K 0.20	71.1	K 30.0	K 10.0	1243.3	2.1	29.3	53.5	K 0.20	K 40.0	K2.0	15.5	298.6
Maximum				2	K 0.2	82	K 30	K 10	2890	3	34	97	K 0.20	K 40	K 2	29	345
Minimum				K 2	K 0.2	58	K 30	K 10	482	K 2	23	26	K 0.20	K 40	K 2	K 10	244

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET 610520 SITE LOCATION LITTLE MIAMI
RIVER MILE 35.98 #19 STUBBS MILL RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
07/14/93	23.0	7.8	7.78			K 1.0	5.0	17	26	446	
08/11/93	24.0	11.2				K 1.0	K 5.0	15	63		
08/25/93	27.0	8.0				K 1.0	K 5.0	K 10	71	787	
09/22/93	18.0	8.8				K 1.0	K 5.0	11	70	965	
Average	23.00	8.94	7.780			K 1.00	5.00	13.2	57.5	733.0	
Maximum	27.0	11.2	7.78			K 1.0	5.0	17	71	965	
Minimum	18.0	7.8	7.78			K 1.0	K 5.0	K 10	26	446	

STORET 610520 RM 35.98

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
07/14/93	3.96	0.04	K 0.05	0.40				0.15	342	91
08/11/93	2.84	0.03	K 0.05	K 0.20		8.48		0.61	486	15
08/25/93	3.06	0.02	K 0.05	0.50		8.40		0.30	512	16
09/22/93	3.68	K 0.02	K 0.05	0.30		8.37		0.32	480	10
Average	3.384	0.027	K 0.050	0.350		8.417		0.345	455.0	33.0
Maximum	3.96	0.04	K 0.05	0.50		8.48		0.61	512	91
Minimum	2.84	K 0.02	K 0.05	K 0.20		8.37		0.15	342	10

Appendix Table A-4, continued.

STORET 610520 RM 35.98

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
07/14/93				K 2	K 0.2	55	K 30	K 10	2080	K 2	22	104		K 40	K 2	15	228
08/11/93				K 2	K 0.2	70	K 30	K 10	444	K 2	33	27		K 40	K 2	K 10	311
08/25/93				K 2	K 0.2	79	K 30	K 10	610	K 2	32	31		K 40	K 2	11	329
09/22/93				K 2	K 0.2	80	K 30	K 10	688	K 2	31	34		K 40	K 2	32	327
Average				K 2.0	K 0.20	71.0	K 30.0	K 10.0	955.5	K 2.0	29.5	49.0		K 40.0	K 2.0	17.0	298.7
Maximum				K 2	K 0.2	80	K 30	K 10	2080	K 2	33	104		K 40	K 2	32	329
Minimum				K 2	K 0.2	55	K 30	K 10	444	K 2	22	27		K 40	K 2	K 10	228

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05P03 SITE LOCATION LITTLE MIAMI
RIVER MILE 32.95 #20 S.R. 48

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	22.6	8.4	7.92			K 1.0	K 5.0	25	29	469	
07/14/93	25.0	8.2	8.31			K 1.0	K 5.0	19	26	468	
07/28/93	26.0		6.98			K 1.0	K 5.0	10	50	723	
08/11/93	23.0	9.8				K 1.0	K 5.0	14	61		
08/25/93	26.0	8.0				K 1.0	K 5.0	15	70	785	
09/08/93	21.0	9.0				2.0	K 5.0	20	60	668	
09/22/93	20.5	11.6				K 1.0	K 5.0	11	68	774	
Average	23.44	9.17	7.737			1.14	K 5.00	16.2	52.0	647.8	
Maximum	26.0	11.6	8.31			2.0	K 5.0	25	70	785	
Minimum	20.5	8.0	6.98			K 1.0	K 5.0	10	26	468	

STORET M05P03 RM 32.95

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.30	0.04	0.06	0.30				0.22	314	29
07/14/93	3.65	0.03	K 0.05	0.50				0.14	340	80
07/28/93	3.31	K 0.02	K 0.05	K 0.20				0.22	448	15
08/11/93	2.67	0.03	K 0.05	0.40		8.39		0.20	486	13
08/25/93	2.82	0.02	K 0.05	0.40		8.33		0.28	518	12
09/08/93	2.58	K 0.02	K 0.05	0.40		8.29		0.23	446	18
09/22/93	3.27	K 0.02	K 0.05	0.30		8.44		0.28	470	8
Average	2.942	0.025	0.051	0.357		8.363		0.224	431.7	25.0
Maximum	3.65	0.04	0.06	0.50		8.44		0.28	518	80
Minimum	2.30	K 0.02	K 0.05	K 0.20		8.29		0.14	314	8

Appendix Table A-4, continued.

STORET M05P03 RM 32.95

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93	530	630	320	K 2	K 0.2	53	K 30	K 10	3320	2	21	121	K 0.20	K 40	K 2	24	219
07/14/93	1300	1300	1300	2	K 0.2	58	K 30	K 10	1830	2	21	103		K 40	K 2	K 10	231
07/28/93	120	120	80	K 2	K 0.2	82	K 30	K 10	534	K 2	33	24		K 40	K 2	K 10	341
08/11/93	130	40	K 10	K 2	K 0.2	75	K 30	K 10	376	K 2	33	25		K 40	K 2	K 10	323
08/25/93		70		K 2	K 0.2	82	K 30	K 10	518	K 2	30	32		K 40	K 2	K 10	328
09/08/93	90	100	70	K 2	K 0.2	75	K 30	K 10	692	K 2	28	36		K 40	K 2	15	303
09/22/93	50	60	15	K 2	K 0.2	78	K 30	K 10	380	K 2	29	21		K 40	K 2	K 10	314
Average	370.0	331.4	299.2	2.0	K 0.20	71.8	K 30.0	K 10.0	1092.8	2.0	27.8	51.7	K0.20	K 40.0	K2.0	12.7	294.1
Maximum	1300	1300	1300	2	K 0.2	82	K 30	K 10	3320	2	33	121	K 0.2	K 40	K 2	24	341
Minimum	50	40	K 10	K 2	K 0.2	53	K 30	K 10	376	K 2	21	21	K 0.2	K 40	K 2	K 10	219

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05S36 SITE LOCATION LITTLE_MIAMI
RIVER MILE 32.10 #21 LEBANON WWTP MIXING

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	23.4	6.9	8.02			K 1.0	K 5.0	21	39	533	5
07/14/93	23.0	7.4	7.00	0.10		K 1.0	5.0	30	34	489	K 5
07/28/93	25.0	7.2	6.99			K 1.0	K 5.0	K 10	102	933	K 5
08/10/93	22.0	7.2				K 1.0	K 5.0	17	130		K 5
08/25/93	25.0	5.4		0.05		1.0	K 5.0	10	117	1000	K 5
09/08/93	21.1	6.2		0.11		2.0	K 5.0	K 10	124	954	K 5
09/22/93	19.5	8.1		0.08		K 1.0	K 5.0	14	107	954	K 5
Average	22.71	6.91	7.337	0.085		1.14	5.00	16.0	93.2	810.5	K 5.0
Maximum	25.0	8.1	8.02	0.11		2.0	5.0	30	130	1000	K 5
Minimum	19.5	5.4	6.99	0.05		K 1.0	K 5.0	K 10	34	489	K 5

STORET M05S36 RM 32.10

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.10	0.04	0.08	0.20			K 10	0.27	342	51
07/14/93	3.49	0.04	K 0.05	0.50			K 10	0.19	358	79
07/28/93	2.67	0.02	0.26	0.50			32	0.62	599	20
08/10/93	2.14	0.08	0.89	1.20		8.13	K 10	0.72	648	21
08/25/93	2.33	0.06	0.76	2.50		8.16	K 10	1.79	624	29
09/08/93	2.40	0.06	1.52	1.80		7.90	K 10	1.23	582	32
09/22/93	2.90	0.03	0.18	0.70		8.24		0.35	570	17
Average	2.575	0.047	0.534	1.057		8.108	13.7	0.738	531.8	35.5
Maximum	3.49	0.08	1.52	2.50		8.24	32	1.79	648	79
Minimum	2.10	0.02	K 0.05	0.20		7.90	K 10	0.19	342	17

Appendix Table A-4, continued.

STORET M05S36 RM 32.10

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93				K 2	K 0.2	56	K 30	K 10	2220	K 2	21	85	K 0.20	K 40	K 2	78	226
07/14/93				3	K 0.2	57	K 30	K 10	1960	K 2	22	106		K 40	K 2	13	233
07/28/93	10400	840	7400	K 2	K 0.2	86	K 30	K 10	986	K 2	33	53	K 0.20	K 40	K 2	10	351
08/10/93	60	100	K 10	K 2	K 0.2	89	K 30	K 10	1380	K 2	33	94	K 0.20	K 40	K 2	15	358
08/25/93		590		K 2	0.3	93	K 30	15	2090	3	31	90	K 0.20	K 40	K 2	75	360
09/08/93	27000	340	15000	K 2	K 0.2	79	K 30	K 10	1330	K 2	29	83	K 0.20	K 40	K 2	23	317
09/22/93	30000	2800	23000	K 2	K 0.2	85	K 30	K 10	1070	K 2	30	73	K 0.20	K 40	K 2	14	336
Average	16865.0	934	11352.5	2.1	0.21	77.8	K 30.0	10.7	1576.5	2.1	28.4	83.4	K0.20	K 40.0	K2.0	32.5	311.5
Maximum	30000	2800	23000	3	0.3	93	K 30	15	2220	3	33	106	K 0.2	K 40	K 2	78	360
Minimum	60	100	K 10	K 2	K 0.2	56	K 30	K 10	986	K 2	21	53	K 0.2	K 40	K 2	10	226

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05W15 SITE LOCATION LITTLE MIAMI
RIVER MILE 31.96 #22 DST LEBANON WWTP

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	23.0	7.1	8.21			K 1.0	K 5.0	28	43	545	
07/14/93	23.5	7.8	8.29			K 1.0	5.0	11	34	483	
07/28/93	26.0	7.4	6.98			K 1.0	K 5.0	K 10	62	786	
08/10/93	22.0	7.8				K 1.0	K 5.0	16	85		
08/25/93	25.5	6.2				K 1.0	K 5.0	13	80	833	
09/08/93	20.9	7.2				1.0	K 5.0	30	75	735	
09/22/93	19.5	10.0				K 1.0	K 5.0	20	90	854	
Average	22.91	7.64	7.827			1.00	5.00	18.2	67.0	706.0	
Maximum	26.0	10.0	8.29			1.0	5.0	30	90	854	
Minimum	19.5	6.2	6.98			K 1.0	K 5.0	K 10	34	483	

STORET M05W15 RM 31.96

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.22	0.04	0.08	0.40				0.32	354	42
07/14/93	3.56	0.03	K 0.05	0.40				0.18	364	87
07/28/93	3.29	K 0.02	K 0.05	0.20				0.28	486	20
08/10/93	2.56	0.04	0.29	0.50		8.25		0.36	542	20
08/25/93	2.72	0.03	0.17	0.60		8.19		0.41	534	24
09/08/93	2.59	0.03	0.79	1.10		8.20		0.78	470	36
09/22/93	3.12	0.02	0.11	0.60		8.31		0.30	520	14
Average	2.865	0.030	0.220	0.542		8.238		0.375	467.1	34.7
Maximum	3.56	0.04	0.79	1.10		8.31		0.78	542	87
Minimum	2.22	K 0.02	K 0.05	0.20		8.19		0.18	354	14

Appendix Table A-4, continued.

STORET M05W15 RM 31.96

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93	300	220	240	K 2	K 0.2	57	K 30	K 10	1740	2	22	74	K 0.20	K 40	K 2	20	233
07/14/93	2800	2300	1000	K 2	K 0.2	62	K 30	K 10	2110	3	22	115		K 40	K 2	K 10	245
07/28/93	2700	240	1300	K 2	K 0.2	84	K 30	K 10	779	K 2	33	37		K 40	K 2	K 10	346
08/10/93	140	30	K 10	K 2	K 0.2	78	K 30	K 10	734	K 2	33	49		K 40	K 2	K 10	331
08/25/93		140		K 2	K 0.2	80	K 30	K 10	900	K 2	31	49		K 40	K 2	10	327
09/08/93	7180	680	3400	K 2	K 0.2	76	K 30	K 10	1300	K 2	29	69		K 40	K 2	29	309
09/22/93	4550	980	9270	K 2	K 0.2	82	K 30	K 10	622	K 2	30	46		K 40	K 2	11	328
Average	2945.0	655.7	2536.7	K 2.0	K 0.20	74.1	K 30.0	K 10.0	1169.2	2.1	28.5	62.7	K0.20	K 40.0	K2.0	14.2	302.7
Maximum	7180	2300	9270	K 2	K 0.2	84	K 30	K 10	2110	3	33	115	K 0.2	K 40	K 2	29	346
Minimum	140	30	K 10	K 2	K 0.2	57	K 30	K 10	622	K 2	22	37	K 0.2	K 40	K 2	K 10	233

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05S09 SITE LOCATION LITTLE MIAMI
RIVER MILE 30.72 #23 GRANDIN RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	23.5	7.5	8.18			K 1.0	K 5.0	22	31	481	
07/14/93	24.5	7.2				2.0	K 5.0	13	28	456	
07/28/93	27.5	8.9	8.06			K 1.0	K 5.0	K 10	56	744	
08/11/93	23.5	8.9	8.35			K 1.0	K 5.0	20	73		
08/25/93	27.0	7.9	8.12			K 1.0	K 5.0	17	81	836	
09/08/93	22.0	8.3	8.14			K 1.0	K 5.0	K 10	69	685	
09/22/93	19.4	10.1	8.33			1.0	K 5.0	21	84	838	
Average	23.91	8.39	8.197			1.14	K 5.00	16.1	60.2	673.3	
Maximum	27.5	10.1	8.35			2.0	K 5.0	22	84	838	
Minimum	19.4	7.2	8.06			K 1.0	K 5.0	K 10	28	456	

STORET M05S09 RM 30.72

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.22	0.04	0.05	0.20				0.22	314	41
07/14/93	3.87	0.02	K 0.05	0.40		8.27		0.15	332	75
07/28/93	3.37	K 0.02	K 0.05	K 0.20				0.22	492	18
08/11/93	2.75	0.03	K 0.05	0.30				0.32	512	14
08/25/93	2.81	0.02	0.08	0.60				0.34	544	18
09/08/93	2.83	0.02	0.17	0.60				0.42	450	28
09/22/93	3.34	K 0.02	K 0.05	0.40				0.28	498	14
Average	3.027	0.024	0.071	0.385		8.270		0.278	448.8	29.7
Maximum	3.87	0.04	0.17	0.60		8.27		0.42	544	75
Minimum	2.22	K 0.02	K 0.05	K 0.20		8.27		0.15	314	14

Appendix Table A-4, continued.

STORET M05S09 RM 30.72

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93				K 2	K 0.2	53	K 30	K 10	2000	K 2	21	74	K 0.20	K 40	K 2	87	219
07/14/93				K 2	K 0.2	58	K 30	K 10	1920	2	22	103		K 40	K 2	15	235
07/28/93				K 2	K 0.2	82	K 30	K 10	656	K 2	34	26		K 40	K 2	K 10	345
08/11/93				K 2	K 0.2	74	K 30	K 10	735	K 2	32	36		K 40	K 2	K 10	317
08/25/93				3	K 0.2	81	K 30	K 10	740	K 2	32	44		K 40	K 2	13	334
09/08/93				K 2	K 0.2	74	K 30	K 10	953	K 2	29	53		K 40	K 2	K 10	304
09/22/93				K 2	K 0.2	80	K 30	K 10	582	K 2	31	36		K 40	K 2	28	327
Average				2.1	K 0.20	71.7	K 30.0	K 10.0	1083.7	2.0	28.7	53.1	K0.20	K 40.0	K2.0	24.7	297.2
Maximum				3	K 0.2	82	K 30	K 10	2000	2	34	103	K 0.2	K 40	K 2	87	345
Minimum				K 2	K 0.2	53	K 30	K 10	582	K 2	21	26	K 0.2	K 40	K 2	K 10	219

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M01S41 SITE LOCATION LITTLE_MIAMI
RIVER MILE 29.46 #24 DST KINGS MILL

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	22.9	7.0	8.12			K 1.0	K 5.0	20	31	460	
07/14/93	24.0	7.1				K 1.0	K 5.0	14	28	456	
07/28/93	27.7	8.0	8.09			K 1.0	K 5.0	15	54	747	
08/11/93	23.8	7.6	8.20			K 1.0	K 5.0	13	71		
08/25/93	27.3	6.6	8.08			K 1.0	K 5.0	12	78	823	
09/08/93	21.9	7.4	8.04			1.0	K 5.0	K 10	68	689	
09/22/93	19.7	9.2	8.34			K 1.0	K 5.0	15	81	809	
Average	23.89	7.55	8.145			K 1.00	K 5.00	14.1	58.7	664.0	
Maximum	27.7	9.2	8.34			1.0	K 5.0	20	81	823	
Minimum	19.7	6.6	8.04			K 1.0	K 5.0	K 10	28	456	

STORET M01S41 RM 29.46

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.13	0.04	K 0.05	0.50				0.22	278	39
07/14/93	3.67	0.03	K 0.05	0.40		8.25		0.13	336	81
07/28/93	3.42	K 0.02	K 0.05	0.40				0.27	498	30
08/11/93	2.68	0.06	K 0.05	0.30				0.23	500	20
08/25/93	2.76	0.03	0.06	0.50				0.30	518	16
09/08/93	2.65	0.02	0.12	0.60				0.37	452	31
09/22/93	3.28	0.02	K 0.05	0.40				0.28	490	26
Average	2.941	0.031	0.061	0.442		8.250		0.257	438.8	34.7
Maximum	3.67	0.06	0.12	0.60		8.25		0.37	518	81
Minimum	2.13	K 0.02	K 0.05	0.30		8.25		0.13	278	16

Appendix Table A-4, continued.

STORET M01S41 RM 29.46

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93				K 2	K 0.2	51	K 30	K 10	832	6	20	62	K 0.20	K 40	K 2	K 10	210
07/14/93				K 2	K 0.2	56	K 30	K 10	1920	2	22	97		K 40	K 2	14	230
07/28/93				K 2	K 0.2	83	K 30	K 10	839	K 2	34	34		K 40	K 2	K 10	347
08/11/93				K 2	K 0.2	77	K 30	K 10	847	K 2	32	46		K 40	K 2	10	324
08/25/93				3	K 0.2	80	K 30	K 10	867	K 2	32	49		K 40	K 2	12	332
09/08/93				K 2	K 0.2	75	K 30	K 10	1430	K 2	28	81		K 40	K 2	11	303
09/22/93				K 2	K 0.2	79	K 30	K 10	818	K 2	30	47		K 40	K 2	20	321
Average				2.1	K 0.20	71.5	K 30.0	K 10.0	1079.0	2.5	28.2	59.4	K0.20	K 40.0	K2.0	12.4	295.2
Maximum				3	K 0.2	83	K 30	K 10	1920	6	34	97	K 0.2	K 40	K 2	20	347
Minimum				K 2	K 0.2	51	K 30	K 10	818	K 2	20	34	K 0.2	K 40	K 2	K 10	210

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05S07 SITE LOCATION LITTLE MIAMI
RIVER MILE 28.00 #26 DST SIMPSON CREEK

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	21.3	7.3	8.10	0.09		K 1.0	K 5.0	23	41	503	K 5
07/14/93	24.3	7.4				3.0	5.0	23	46	495	K 5
07/28/93	27.9	7.5	8.01	0.12		K 1.0	K 5.0	K 10	83	839	K 5
08/11/93	24.9	7.6	8.10	0.09		K 1.0	K 5.0	16	91		K 5
08/25/93	28.1	7.1	8.06	0.07		K 1.0	K 5.0	15	80	827	K 5
09/08/93	22.9	7.9	7.93	0.11		K 1.0	K 5.0	K 10	77	690	K 5
09/22/93	20.3	9.4	8.43	0.05		K 1.0	K 5.0	14	133	1010	K 5
Average	24.24	7.74	8.105	0.088		1.28	5.00	15.8	78.7	727.3	K 5.0
Maximum	28.1	9.4	8.43	0.12		3.0	5.0	23	133	1010	K 5
Minimum	20.3	7.1	7.93	0.05		K 1.0	K 5.0	K 10	41	495	K 5

STORET M05S07 RM 28.00

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.33	0.05	K 0.05	0.50			K 10	0.22	302	43
07/14/93	2.26	0.03	K 0.05	0.80		8.39	K 10	0.26	330	79
07/28/93	3.71	K 0.02	K 0.05	0.20			K 10	0.26	562	16
08/11/93	2.58	0.02	K 0.05	0.40			10	0.22	548	14
08/25/93	2.84	0.03	K 0.05	0.50			K 10	0.32	520	16
09/08/93	2.52	0.02	0.13	0.30			K 10	2.63	468	24
09/22/93	3.73	0.02	K 0.05	0.50			K 10	0.41		16
Average	2.852	0.027	0.061	0.457		8.390	10	0.617	455.0	29.7
Maximum	3.73	0.05	0.13	0.80		8.39	10	2.63	562	79
Minimum	2.26	K 0.02	K 0.05	0.20		8.39	K 10	0.22	302	14

Appendix Table A-4, continued.

STORET M05S07 RM 28.00

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93	530	600	480	K 2	K 0.2	50	K 30		2160	K 2	19	63	K 0.20	K 40	K 2	16	203
07/14/93	2800	3900	1700	2	K 0.2	55	K 30	K 10	2240	K 2	20	119		K 40	K 2	19	220
07/28/93	150	40	85	K 2	K 0.2	82	K 30	K 10	806	K 2	33	28	K 0.20	K 40	K 2	K 10	341
08/11/93	60	10	K 10	K 2	K 0.2	77	K 30	K 10	685	K 2	33	31	K 0.20	K 40	K 2	K 10	328
08/25/93		K 10		K 2	K 0.2	80	K 30	K 10	732	K 2	32	39	K 0.20	K 40	K 2	14	332
09/08/93	649	60	50	K 2	K 0.2	71	K 30	K 10	1140	K 2	27	58	K 0.20	K 40	K 2	11	288
09/22/93	440	80	K 10	K 2	K 0.2	81	K 30	K 10	949	K 2	30	68	1.80	K 40	K 2	27	326
Average	771.5	671.4	389.2	2.0	K 0.20	70.8	K 30.0	K 10.0	1244.5	K 2.0	27.7	58.0	0.467	K 40.0	K 2.0	15.2	291.1
Maximum	2800	3900	1700	2	K 0.2	82	K 30	K 10	2240	K 2	33	119	1.80	K 40	K 2	27	341
Minimum	60	K 10	K 10	K 2	K 0.2	50	K 30	K 10	685	K 2	19	28	K 0.20	K 40	K 2	K 10	203

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05W34 SITE LOCATION LITTLE_MIAMI
RIVER MILE 24.10 #27 UPST O'BANNON CREEK

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
07/14/93	23.5	7.3				K 1.0	K 5.0	14	26	416	
08/11/93	23.3	8.2	8.13			K 1.0	K 5.0	11	80		
08/25/93	27.0	7.8	8.13			K 1.0	K 5.0	21	92	864	
09/22/93	21.9	9.8	8.44			K 1.0	K 5.0	15	93	866	
Average	23.92	8.27	8.233			K 1.00	K 5.00	15.2	72.7	715.3	
Maximum	27.0	9.8	8.44			K 1.0	K 5.0	21	93	866	
Minimum	21.9	7.3	8.13			K 1.0	K 5.0	11	26	416	

STORET M05W34 RM 24.10

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
07/14/93	3.05	0.06	K 0.05	0.40		8.18		0.42	310	180
08/11/93	2.55	0.02	K 0.05	0.20				0.41	518	22
08/25/93	2.68	0.02	K 0.05	0.60				0.33	538	25
09/22/93	3.12	K 0.02	K 0.05	0.30				0.28	516	16
Average	2.849	0.030	K 0.050	0.375		8.180		0.360	470.5	60.7
Maximum	3.12	0.06	K 0.05	0.60		8.18		0.42	538	180
Minimum	2.55	K 0.02	K 0.05	0.20		8.18		0.28	310	16

Appendix Table A-4, continued.

STORET M05W34 RM 24.10

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
07/14/93				K 2	K 0.2	53	K 30	K 10	4710	5	19	222		K 40	K 2	35	211
08/11/93				K 2	K 0.2	76	K 30	K 10	810	K 2	32	39		K 40	K 2	K 10	322
08/25/93				2	K 0.2	79	K 30	K 10	893	K 2	32	45		K 40	K 2	K 10	329
09/22/93				K 2	K 0.2	80	K 30	K 10	728	K 2	30	37		K 40	K 2	K 10	323
Average				2.0	K 0.20	72.0	K 30.0	K 10.0	1785.2	2.7	28.2	85.7		K 40.0	K2.0	16.2	296.2
Maximum				2	K 0.2	80	K 30	K 10	4710	5	32	222		K 40	K 2	35	329
Minimum				K 2	K 0.2	53	K 30	K 10	728	K 2	19	37		K 40	K 2	K 10	211

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05S35 SITE LOCATION LITTLE MIAMI
RIVER MILE 22.20 #28 TOTES MIXING

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	21.8	8.2	8.10			K 1.0	K 5.0	18	105	849	K 5
07/14/93	22.9	7.5	7.82	0.23		1.0	K 5.0	12	28	429	K 5
07/28/93	21.0	8.1	8.02	0.04		22.7	K 5.0	K 10	337	1550	K 5
08/11/93	24.4	8.3	8.14	0.08		K 1.0	K 5.0	21	88		K 5
08/25/93	22.4	8.2	7.80	0.09		K 1.0	K 5.0	15	101	890	K 5
09/08/93	20.8	8.7	7.58	0.03		53.0	30.0	65	197	1160	12
09/22/93	21.0	9.0	7.97	0.11		K 1.0	K 5.0	13	97	963	K 5
Average	22.04	8.28	7.918	0.097		11.52	8.57	22.0	136.1	973.5	6.0
Maximum	24.4	9.0	8.14	0.23		53.0	30.0	65	337	1550	12
Minimum	20.8	7.5	7.58	0.03		K 1.0	K 5.0	K 10	28	429	K 5

STORET M05S35 RM 22.20

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.42	0.03	0.05	0.30			K 10	0.45	518	18
07/14/93	3.02	0.05	K 0.05	0.40			K 10	0.22	318	148
07/28/93	3.09	K 0.02	K 0.05	0.30			17	0.46	1040	20
08/11/93	2.76	0.02	K 0.05	0.30			K 10	0.38	534	16
08/25/93	2.64	0.02	0.05	0.60			K 10	0.33	550	8
09/08/93	2.76	0.03	0.41	4.00			61	2.77	790	13
09/22/93	2.76	K 0.02	K 0.05	0.30			K 10	0.48	562	K 5
Average	2.778	0.027	0.101	0.885			18	0.727	616.0	32.5
Maximum	3.09	0.05	0.41	4.00			61	2.77	1040	148
Minimum	2.42	K 0.02	K 0.05	0.30			K 10	0.22	318	K 5

Appendix Table A-4, continued.

STORET M05S35 RM 22.20

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93				K 2	K 0.2	82	K 30	K 10	2050	K 2	25	77	K 0.20	K 40	K 2	32	308
07/14/93	365	9900	5500	2	K 0.2	56	K 30	K 10	4080	4	20	211		K 40	K 2	41	222
07/28/93				K 2	K 0.2	97	K 30	K 10	456	K 2	28	23	K 0.20	K 40	K 2	93	358
08/11/93	60	60	K 10	K 2	K 0.2	78	K 30	K 10	599	K 2	32	34	K 0.20	K 40	K 2	13	327
08/25/93		370		K 2	K 0.2	77	K 30	K 10	475	K 2	29	31	K 0.20	K 40	K 2	54	312
09/08/93	180	90	60	K 2	K 0.2	77	K 30	K 10	662	K 2	25	37	K 0.20	K 40	K 2	1010	295
09/22/93				K 2	K 0.2	99	K 30	K 10	K 50	K 2	27	K 10	K 0.20	K 40	K 2	50	358
Average	201.7	2605.0	1856.7	2.0	K 0.20	80.8	K 30.0	K 10.0	1196.0	2.2	26.5	60.4	K 0.20	K 40.0	K 2.0	184.7	311.4
Maximum	365	9900	5500	2	K 0.2	99	K 30	K 10	4080	4	32	211	K 0.20	K 40	K 2	1010	358
Minimum	60	60	K 10	K 2	K 0.2	56	K 30	K 10	K 50	K 2	20	K 10	K 0.20	K 40	K 2	13	222

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET 600540 SITE LOCATION LITTLE_MIAMI
RIVER MILE 21.45 #29 BRANCH HILL GUINEA RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	23.0	7.7	7.99			K 1.0	K 5.0	23	39	560	
07/14/93	23.0	7.8	7.71			K 1.0	K 5.0	19	26	399	
07/28/93	28.0	8.5	8.04			K 1.0			59	735	
08/11/93	23.7	8.5	8.14			K 1.0	K 5.0	18	83		
08/25/93	26.4	7.6	8.01			K 1.0	K 5.0	16	89	838	
09/08/93	22.0	8.4	8.02			1.0	K 5.0	K 10	76	655	
09/22/93	19.0	8.8	8.29			K 1.0	K 5.0	12	100	873	
Average	23.58	8.18	8.028			1.00	K 5.00	16.3	67.4	676.7	
Maximum	28.0	8.8	8.29			1.0	K 5.0	23	100	873	
Minimum	19.0	7.6	7.71			K 1.0	K 5.0	K 10	26	399	

STORET 600540 RM 21.45

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.39	0.03	0.05	0.20				0.28	178	28
07/14/93	2.88	0.05	K 0.05	0.30				0.24	294	188
07/28/93		K 0.02							504	32
08/11/93	2.85	0.02	K 0.05	0.30				0.34	504	23
08/25/93	2.84	0.03	K 0.05	0.60				0.44	538	44
09/08/93	2.67	0.02	K 0.05	0.50				0.45	426	36
09/22/93	3.73	K 0.02	K 0.05	0.40				0.45	532	22
Average	2.893	0.027	0.05	0.383				0.367	425.1	53.2
Maximum	3.73	0.05	0.05	0.60				0.45	538	188
Minimum	2.39	K 0.02	K 0.05	0.20				0.24	178	22

Appendix Table A-4, continued.

STORET 600540 RM 21.45

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93	340	250	330	3	K 0.2	63	K 30	K 10	1890	K 2	23	76	K 0.20	K 40	K 2	28	252
07/14/93	39000	29000	7100	3	K 0.2	49	K 30	11	4160	9	19	220		K 40	K 2	37	201
07/28/93	120	60	110	K 2	K 0.2	84	K 30	K 10	945	2	33	42	K 0.20	K 40	K 2	13	346
08/11/93	80	80	K 10	K 2	K 0.2	80	K 30	K 10	911	K 2	32	42	K 0.20	K 40	K 2	16	332
08/25/93		680		2	K 0.2	74	K 30	K 10	1660	K 2	29	66	K 0.20	K 40	K 2	27	304
09/08/93	180	80	20	K 2	K 0.2	64	K 30	K 10	1560	2	23	65	K 0.20	K 40	K 2	14	255
09/22/93	240	40	130	K 2	K 0.2	77	K 30	K 10	796	K 2	29	38	K 0.20	K 40	K 2	25	312
Average	6660.0	4312.8	1283.3	2.2	K 0.20	70.1	K 30.0	10.1	1703.1	3.0	26.8	78.4	K 0.20	K 40.0	K 2.0	22.8	286.0
Maximum	39000	29000	7100	3	K 0.2	84	K 30	11	4160	9	33	220	K 0.20	K 40	K 2	37	346
Minimum	80	40	K 10	K 2	K 0.2	49	K 30	K 10	796	K 2	19	38	K 0.20	K 40	K 2	13	201

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05S05 SITE LOCATION LITTLE MIAMI
RIVER MILE 20.60 #30 LAKE ISABELLA ACCESS

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	22.9	7.0	7.91			K 1.0	K 5.0	26	41	573	
07/14/93	23.2	7.3	7.61			1.3	K 5.0	30	26	400	
07/28/93	27.5	8.0	8.00			K 1.0	K 5.0	K 10	59	751	
08/11/93	23.3	6.8	7.97			K 1.0	K 5.0	16	78		
08/25/93	26.0	6.5	7.99			K 1.0	K 5.0	13	83	794	
09/08/93	21.7	8.0	7.95			1.0	K 5.0	K 10	73	644	
09/22/93	18.6	8.5	8.23			K 1.0	K 5.0	10	97	855	
Average	23.31	7.44	7.951			1.04	K 5.00	16.4	65.2	669.5	
Maximum	27.5	8.5	8.23			1.3	K 5.0	30	97	855	
Minimum	18.6	6.5	7.61			K 1.0	K 5.0	K 10	26	400	

STORET M05S05 RM 20.60

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.37	0.03	K 0.05	0.30				0.31	368	47
07/14/93	2.93	0.06	K 0.05	0.50				0.24	294	230
07/28/93	3.49	K 0.02	K 0.05	0.60				0.31	500	32
08/11/93	2.67	0.02	K 0.05	0.30				0.27	513	22
08/25/93	2.53	0.03	K 0.05	0.60				0.34	512	51
09/08/93	2.50	0.02	K 0.05	0.40				0.42	420	40
09/22/93	3.36	K 0.02	K 0.05	0.30				0.34	522	24
Average	2.835	0.028	K 0.050	0.428				0.318	447.0	63.7
Maximum	3.49	0.06	K 0.05	0.60				0.42	522	230
Minimum	2.37	K 0.02	K 0.05	0.30				0.24	294	22

Appendix Table A-4, continued.

STORET M05S05 RM 20.60

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93				K 2	K 0.2	63	K 30	K 10	1730	K 2	24	75	K 0.20	K 40	K 2	11	256
07/14/93				3	K 0.2	49	K 30	13	4520	5	18	226		K 40	K 2	30	196
07/28/93				K 2	K 0.2	84	K 30	K 10	848	K 2	32	40		K 40	K 2	20	342
08/11/93				K 2	K 0.2	78	K 30	K 10	911	K 2	33	53		K 40	K 2	K 10	331
08/25/93				K 2	K 0.2	72	K 30	K 10	1970	K 2	28	84		K 40	K 2	20	295
09/08/93				K 2	K 0.2	63	K 30	K 10	1600	K 2	23	73		K 40	K 2	21	252
09/22/93				K 2	K 0.2	78	K 30	K 10	1060	K 2	30	55		K 40	K 2	10	318
Average				2.1	K 0.20	69.5	K 30.0	10.4	1805.5	2.4	26.8	86.5	K 0.20	K 40.0	K 2.0	17.4	284.2
Maximum				3	K 0.2	84	K 30	13	4520	5	33	226	K 0.20	K 40	K 2	30	342
Minimum				K 2	K 0.2	49	K 30	K 10	848	K 2	18	40	K 0.20	K 40	K 2	K 10	196

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05P10 SITE LOCATION LITTLE MIAMI
RIVER MILE 18.14 #31 CARMAGO RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
06/30/93	23.0	6.7	7.93			K 1.0	K 5.0	22	46	619	
07/14/93	23.0	7.1	7.88			1.4	5.0	17	24	346	
07/28/93	26.0	6.8	7.95				K 5.0	K 10	K 10		
08/11/93	23.5	7.1	7.90			K 1.0	K 5.0	14	82		
08/25/93	26.2	6.5	7.90			K 1.0	K 5.0	15	82	763	
09/08/93	22.5	7.4	7.50			1.0	5.0	K 10	77	652	
09/22/93	18.0	7.9	7.31			K 1.0	K 5.0	13	95	849	
Average	23.17	7.07	7.767			1.07	5.01	14.4	59.4	645.8	
Maximum	26.2	7.9	7.95			1.4	5.0	22	95	849	
Minimum	18.0	6.5	7.31			K 1.0	K 5.0	K 10	K 10	346	

STORET M05P10 RM 18.14

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
06/30/93	2.78	0.03	K 0.05	0.50				0.26	378	33
07/14/93	2.51	0.08	0.07	0.70				0.48	268	378
07/28/93	3.45		K 0.05	0.20				0.34		
08/11/93	2.61	0.02	K 0.05	0.30				0.47	522	32
08/25/93	2.31	0.04	0.05	0.70				0.39	480	46
09/08/93	2.34	0.02	K 0.05	0.40				0.66	422	50
09/22/93	3.37	K 0.02	K 0.05	0.40				0.48	519	26
Average	2.767	0.035	0.052	0.457				0.440	431.5	94.2
Maximum	3.45	0.08	0.07	0.70				0.66	522	378
Minimum	2.31	K 0.02	K 0.05	0.20				0.26	268	26

Appendix Table A-4, continued.

STORET M05P10 RM 18.14

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
06/30/93	622	850	510	K 2	K 0.2	65	K 30	K 10	1410	3	25	70	K 0.20	K 40	K 2	48	265
07/14/93	29000	58000	L 80000	2	K 0.2	52	K 30	14	20900	15	18	617		K 40	K 2	90	204
07/28/93	280	200	180	K 2	K 0.2	82	K 30	K 10	1040	K 2	32	48		K 40	K 2	12	337
08/11/93	150	310	K 10	K 2	K 0.2	77	K 30	K 10	1110	2	31	58		K 40	K 2	22	320
08/25/93		4900		K 2	K 0.2	68	K 30	K 10	2110	K 2	26	93		K 40	K 2	35	277
09/08/93	1300	150	510	K 2	K 0.2	63	K 30	K 10	2630	K 2	23	100		K 40	K 2	K 10	252
09/22/93	360	70	390	K 2	K 0.2	77	K 30	K 10	1080	K 2	28	57		K 40	K 2	43	308
Average	5285.3	9211.4	13600.0	2.0	K 0.20	69.1	K 30.0	10.5	4325.7	4.0	26.1	149.0	K 0.20	K 40.0	K 2.0	37.1	280.4
Maximum	29000	58000	L 80000	2	K 0.2	82	K 30	14	20900	15	32	617	K 0.20	K 40	K 2	90	337
Minimum	150	70	K 10	K 2	K 0.2	52	K 30	K 10	1040	K 2	18	48	K 0.20	K 40	K 2	K 10	204

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05P11 SITE LOCATION LITTLE_MIAMI
RIVER MILE 13.07 #32 WOOSTER PIKE

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
07/01/93	23.6	7.5	8.05		316.1	K 1.0	K 5.0	38	48	559	
07/15/93	25.0	7.0			3084.0	1.4	12.0	38	16	339	
07/29/93	28.0	8.4	8.24		221.5	K 1.0	K 5.0	10	60	732	
08/12/93	24.4	7.2	8.00			K 1.0	K 5.0	14	83	834	
08/26/93	27.5	7.3	8.10		1074.0	K 1.0	K 5.0	17	77	738	
09/09/93	22.3	8.3	8.13		120.7	K 1.0	K 5.0	K 10	80	677	
Average	25.13	7.61	8.104		963.26	1.06	6.16	21.1	60.6	646.5	
Maximum	28.0	8.4	8.24		3084.0	1.4	12.0	38	83	834	
Minimum	22.3	7.0	8.00		120.7	K 1.0	K 5.0	K 10	16	339	

STORET M05P11 RM 13.07

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
07/01/93	2.31	0.03	K 0.05	K 0.20				0.28	364	26
07/15/93	3.01	0.08	K 0.05	0.90		8.08		0.56	256	642
07/29/93	3.29	K 0.02	K 0.05	0.30				0.25	498	36
08/12/93	2.38	0.03	K 0.05	0.30				0.36	516	22
08/26/93	2.25	0.03	K 0.05	0.70				0.41	454	36
09/09/93	2.19	0.02	K 0.05	0.40				0.46	394	130
Average	2.571	0.035	K 0.050	0.466		8.080		0.386	413.6	148.6
Maximum	3.29	0.08	K 0.05	0.90		8.08		0.56	516	642
Minimum	2.19	K 0.02	K 0.05	K 0.20		8.08		0.25	256	22

Appendix Table A-4, continued.

STORET M05P11 RM 13.07

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
07/01/93				2	K 0.2	56	K 30	K 10	1640	K 2	18	67	K 0.20	K 40	K 2	12	214
07/15/93				3	K 0.2	49	K 30	K 10	15700	14	18	516		K 40	K 2	72	196
07/29/93				2	K 0.2	82	K 30	K 10	1070	K 2	34	53		K 40	K 2	K 10	345
08/12/93				K 2	K 0.2	79	K 30	K 10	759	K 2	33	56		K 40	K 2	K 10	333
08/26/93				K 2	K 0.2	67	K 30	K 10	1440	K 2	25	76		K 40	K 2	31	270
09/09/93				K 2	K 0.2	63	K 30	K 10	1460	K 2	23	67		K 40	K 2	K 10	252
Average				2.1	K 0.20	66.0	K 30.0	K 10.0	3678.1	4.0	25.1	139.1	K 0.20	K 40.0	K2.0	24.1	268.3
Maximum				3	K 0.2	82	K 30	K 10	15700	14	34	516	K 0.20	K 40	K 2	72	345
Minimum				K 2	K 0.2	49	K 30	K 10	759	K 2	18	53	K 0.20	K 40	K 2	K 10	196

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05P12 SITE LOCATION LITTLE MIAMI
RIVER MILE 8.14 #33 NEWTOWN RD

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
07/01/93	23.9	7.4	8.00			K 1.0	K 5.0	15	42	764	
07/15/93	24.5	7.2				1.1	11.0	34	20	467	
07/29/93	27.1	8.3	8.31			1.3	K 5.0	10	61	730	
08/12/93	24.0	6.7	8.09			K 1.0	K 5.0	15	78	780	
08/26/93	27.3	6.5	7.87			K 1.0	K 5.0	K 10	66	645	
09/09/93	22.0	7.4	8.01			1.0	K 5.0	10	69	615	
Average	24.80	7.25	8.056			1.06	6.00	15.6	56.0	666.8	
Maximum	27.3	8.3	8.31			1.3	11.0	34	78	780	
Minimum	22.0	6.5	7.87			K 1.0	K 5.0	K 10	20	467	

STORET M05P12 RM 8.14

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
07/01/93	2.38	0.03	K 0.05	K 0.20				0.29	378	42
07/15/93	3.24	0.04	K 0.05	0.70		8.18		0.45	280	270
07/29/93	2.87	K 0.02	K 0.05	0.50				0.28	482	42
08/12/93	2.45	0.03	K 0.05	0.20				0.37	480	29
08/26/93	1.85	0.03	K 0.05	0.50				0.31	398	22
09/09/93	1.93	0.02	K 0.05	0.20				0.51	358	28
Average	2.453	0.028	K 0.050	0.383		8.180		0.368	396.0	72.1
Maximum	3.24	0.04	K 0.05	0.70		8.18		0.51	482	270
Minimum	1.85	K 0.02	K 0.05	K 0.20		8.18		0.28	280	22

Appendix Table A-4, continued.

STORET M05P12 RM 8.14

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
07/01/93	395	385	370	2	K 0.2	65	K 30	K 10	1550	K 2	20	100	K 0.20	K 40	K 2	K 10	245
07/15/93	3000	9600	4700	K 2	K 0.2	55	K 30	K 10	10200	10	20	350		K 40	K 2	41	220
07/29/93	200	80	230	K 2	K 0.2	79	K 30	K 10	1400	K 2	30	97		K 40	K 2	19	321
08/12/93	2500	230	2000	K 2	K 0.2	76	K 30	K 10	883	K 2	29	79		K 40	K 2	14	309
08/26/93	170	240	10	K 2	K 0.2	63	K 30	K 10	1330	K 2	20	67		K 40	K 2	12	240
09/09/93	90	70	110	K 2	K 0.2	60	K 30	K 10	1190	2	19	75		K 40	K 2	20	228
Average	1059.1	1767.5	1236.6	2.0	K 0.20	66.3	K 30.0	K 10.0	2758.8	3.3	23.0	128.0	K 0.20	K 40.0	K 2.0	19.3	260.5
Maximum	3000	9600	4700	2	K 0.2	79	K 30	K 10	10200	10	30	350	K 0.20	K 40	K 2	41	321
Minimum	90	70	10	K 2	K 0.2	55	K 30	K 10	883	K 2	19	67	K 0.20	K 40	K 2	K 10	220

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET 600580 SITE LOCATION LITTLE MIAMI
RIVER MILE 3.50 #34 BEECHMONT AVE

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
07/01/93	24.0	7.0	7.94			1.0	K 5.0	18	44	573	K 5
07/15/93	24.0	7.0				1.3	12.0	31	21	386	K 5
07/29/93	28.0	10.2	8.42			2.1	K 5.0	13	61	709	K 5
08/12/93	24.0	7.1	7.87			1.0	K 5.0	16	77	765	K 5
08/26/93	27.4	6.9	7.71			K 1.0	7.0	K 10	64	672	K 5
09/09/93	21.7	7.8	7.90			K 1.0	K 5.0	17	65	643	K 5
Average	24.85	7.66	7.968			1.23	6.50	17.5	55.3	624.6	K 5.0
Maximum	28.0	10.2	8.42			2.1	12.0	31	77	765	K 5
Minimum	21.7	6.9	7.71			K 1.0	K 5.0	K 10	21	386	K 5

STORET 600580 RM 3.50

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
07/01/93	2.15	0.02	K 0.05	0.30			K 10	0.30	382	22
07/15/93	2.71	0.05	0.05	0.50		8.11	K 10	0.49	274	478
07/29/93	2.45	K 0.02	K 0.05	0.50			K 10	0.22	476	32
08/12/93	2.36	0.03	K 0.05	0.30			K 10	0.36	482	36
08/26/93	2.00	0.03	K 0.05	0.40			K 10	0.42	416	46
09/09/93	2.14	0.02	K 0.05	0.30			K 10	0.39	381	54
Average	2.301	0.028	0.050	0.383		8.110	K 10	0.363	401.8	111.3
Maximum	2.71	0.05	0.05	0.50		8.11	K 10	0.49	482	478
Minimum	2.00	K 0.02	K 0.05	0.30		8.11	K 10	0.22	274	22

Appendix Table A-4, continued.

STORET 600580 RM 3.50

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
07/01/93	590	270	420	2	K 0.2	58	K 30	K 10	1590	2	22	118	K 0.20	K 40	K 2	11	235
07/15/93	9730	20000	8000	3	K 0.2	57	K 30	K 10	15200	14	20	447		K 40	K 2	62	225
07/29/93	160	90	140	2	K 0.2	81	K 30	K 10	836	K 2	30	104	K 0.20	K 40	K 2	14	326
08/12/93	480	280	360	K 2	K 0.2	77	K 30	K 10	1510	K 2	29	99	K 0.20	K 40	K 2	16	312
08/26/93	360	450	210	K 2	K 0.2	70	K 30	K 10	2810	3	22	172	K 0.20	K 40	K 2	23	265
09/09/93	210	140	210	K 2	K 0.2	65	K 30	K 10	2130	4	22	132		K 40	K 2	K 10	253
Average	1921.6	3538.3	1556.6	2.1	K 0.20	68.0	K 30.0	K 10.0	4012.6	4.5	24.1	178.6	K 0.20	K 40.0	K 2.0	22.6	269.3
Maximum	9730	20000	8000	3	K 0.2	81	K 30	K 10	15200	14	30	447	K 0.20	K 40	K 2	62	326
Minimum	160	90	140	K 2	K 0.2	57	K 30	K 10	836	K 2	20	99	K 0.20	K 40	K 2	K 10	225

NOTE: K = less than
L = greater than

Appendix Table A-4, continued.

STORET M05P13 SITE LOCATION LITTLE_MIAMI
RIVER MILE 1.45 #35 KELLOGG AVE

Date	Temp (C)	D.O (mg/l)	pH (fld) (SU)	Chlorine Tot. Res. (mg/l)	Flow (cfs)	CBOD5 (mg/l)	TOC (mg/l)	COD (mg/l)	Cl (mg/l)	Conductivity (umhos/cm)	CN (ug/l)
07/01/93	24.3	6.3	7.95			K 1.0	K 5.0	18	48	627	
07/15/93	24.0	6.9				K 1.0	9.0	34	26	406	
07/29/93	28.0	8.6	8.32			2.4	K 5.0	57	59	701	
08/12/93	24.9	7.7	7.84			1.3	K 5.0	17	82	814	
08/26/93	28.5	7.2				2.0	K 5.0	K 10	69	691	
09/09/93	22.5	7.2	7.83			1.0	K 5.0	13	73	668	
Average	25.36	7.31	7.985			1.44	5.66	24.8	59.5	651.1	
Maximum	28.5	8.6	8.32			2.4	9.0	57	82	814	
Minimum	22.5	6.3	7.83			K 1.0	K 5.0	K 10	26	406	

STORET M05P13 RM 1.45

Date	NO3-NO2-N (mg/l)	NO2-N (mg/l)	NH3-N (mg/l)	TKN (mg/l)	Oil & Grease (mg/l)	pH(lab) (SU)	Phenolics (mg/l)	P-T (mg/l)	Flt. Res. (mg/l)	TSS (mg/l)
07/01/93	2.29	0.03	K 0.05	K 0.20				1.21	416	24
07/15/93	2.75	0.05	K 0.05	0.60		8.17		0.41	352	302
07/29/93	2.29	K 0.02	K 0.05	0.50				0.17	458	33
08/12/93	2.41	0.03	K 0.05	K 0.20				0.31	492	26
08/26/93	1.94	0.04	K 0.05	0.50		8.40		0.41	424	35
09/09/93	2.24	0.03	K 0.05	0.30				0.30	400	24
Average	2.319	0.033	K 0.050	0.383		8.285		0.468	423.6	74.0
Maximum	2.75	0.05	K 0.05	0.60		8.40		1.21	492	302
Minimum	1.94	K 0.02	K 0.05	K 0.20		8.17		0.17	352	24

Appendix Table A-4, continued.

STORET M05P13 RM 1.45

Date	Fecal Coliform (#/100ml)	Fecal Strept. (#/100ml)	E.coli (#/100ml)	As-T (ug/l)	Cd-T (ug/l)	Ca-T (mg/l)	Cr-T (ug/l)	Cu-T (ug/l)	Fe-T (ug/l)	Pb-T (ug/l)	Mg-T (mg/l)	Mn-T (ug/l)	Hg-T (ug/l)	Ni-T (ug/l)	Se-T (ug/l)	Zn-T (ug/l)	Hardness (mg/l)
07/01/93	470	340	430	3	K 0.2	71	K 30	K 10	1370	K 2	21	109	K 0.20	K 40	K 2	13	264
07/15/93	5600	9800	6000	4	K 0.2	55	K 30	K 10	10100	8	19	317		K 40	K 2	56	216
07/29/93	440	1190	390	K 2	K 0.2	76	K 30	K 10	963	K 2	30	92		K 40	K 2	K 10	313
08/12/93	60	70	30	K 2	K 0.2	80	K 30	K 10	1420	K 2	29	107		K 40	K 2	24	319
08/26/93	130	370	100	K 2	K 0.2	70	K 30	K 10	1610	K 2	22	125		K 40	K 2	21	265
09/09/93	240	90	270	K 2	K 0.2	68	K 30	K 10	1240	K 2	22	47		K 40	K 2	18	260
Average	1156.6	1976.6	1203.3	2.5	K 0.20	70.0	K 30.0	K 10.0	2783.8	3.0	23.8	132.8	K 0.20	K 40.0	K 2.0	23.6	272.8
Maximum	5600	9800	6000	4	K 0.2	80	K 30	K 10	10100	8	30	317	K 0.20	K 40	K 2	56	319
Minimum	60	70	30	K 2	K 0.2	55	K 30	K 10	963	K 2	19	47	K 0.20	K 40	K 2	K 10	216

NOTE: K = less than
L = greater than