

**Table 10. Ten Mile Canal at Colonial Bridge and Daniels Weir Sampled at Base Flow Conditions*
12/16/94 - 05/17/01**

Base Flow Conditions	\$CHL-A	\$PHE-A	AS	BOD	BOD	CL	COLOR	COND	CU	CU	DO	FCMF10	NH3	NO2	NO3	NOX	O-PO4	PB	PHF	SECCHI	SILICA	TEMP	T-HARD	TKN	TN	T-PO4	TSS	TURB	ZN	ORG-N	G. Ht.	Disc.		
	mg/M3	mg/M3	ug/L	mg/L	mg/L	mg/L	CU	umh/cm	mg/L	ug/L	mg/L	col/100mL	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as P	ug/L	units	meters	mg/L as SiO2	o C	mg/L	mg/L as N	mg/L as N	mg/L as P	mg/L	NTU	mg/L	mg/L as N	feet	cfs		
Class III Standards	mean <20		<50			<1500		< 1275	<0.14	<14	> 5	<200	< 0.02					<4.4	6.5>8.5									< 29	< 0.13					
Lee Co. Laboratory Min. Detection Limit		0.5	3	1	1.5	1	1	1	0.01	1	0.1	10	0.02	0.001	0.01	0.01	0.001	1	0.1	0.1	0.1	1	0.1	0.05	0.01	0.01	1	0.01	0.01					
Historical data at US 41	10/03/74					200		1220			6.1		0.06	0	0.02	0.02	0.03		7.6			25	360	0.86	0.88	0.03		8/JTU				0.8		
	09/16/75					29		330					0.02	0.01	0	0.01	0.02		7.18			26.5	130	0.92	0.93	0.02		6/JTU				0.9		
Colonial Bridge Site No.	Date																																	
10MIGR80	12/16/94					BMDL	94	866		BMDL	3.4		BMDL	BMDL	BMDL	BMDL	0.015		BMDL	7.53		20.7		0.02	0.02	0.09	2	1.2	0.01	0.02				
	01/13/95					0.6	92	793		BMDL	3.9		0.02	BMDL	BMDL	BMDL	0.014		BMDL	7.62		21.1		1.04	1.04	0.02	1	0.66	0.01	1.02				
	04/11/95					0.9	100	937		BMDL	1.9		BMDL	BMDL	BMDL	BMDL	0.076		BMDL	7.5		26.1		2.5	2.5	0.27	2	1.01	0.01	2.5				
	08/08/95					1.7	72	842		BMDL	3.2		0.07	0.007	0.1	0.11	0.007		BMDL	7.6		29		0.42	0.53	0.02	13	1.67	BMDL	0.35				
	01/26/96			2.2		84	785	BMDL		4.6		0.02	BMDL	0.1	0.1	0.03		BMDL	7.41		19.7		1.91	2.01	0.09	0.5	1.8	0.02	1.89					
	02/15/96			2.1		112	750	BMDL		5.2		BMDL	0.001	0.11	0.11	0.005		1	7.43		16.6		0.9	1.01	0.08	1	1.1	0.01	0.9					
	03/05/96			1.2		108	1000	BMDL		4	50	BMDL	0.001	0.09	0.09	0.014		BMDL	7.41		19.8		1.32	1.41	0.08	2	1.12	0.01	1.32					
	06/03/96			BMDL		98	990	3		3.6	BMDL	BMDL	BMDL	0.29	0.29	0.008		1	7.7		26.8		1.28	1.57	0.04	3	0.8	0.02	1.28					
	10/24/96			BMDL		69	745	BMDL		3.2	BMDL	0.03	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	7.53		24		0.39	0.39	BMDL	3.5	1.35	BMDL	0.36					
	11/19/96			BMDL		98	734	1		3.4	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	7.89		21		0.97	0.97	0.01	5	1.07	BMDL	0.97					
	12/05/96			BMDL		83	695	BMDL		4	10	BMDL	BMDL	0.02	0.02	BMDL		3	7.82		19.6		0.83	0.85	BMDL	7	0.64	0.01	0.83					
	03/17/97			1		240	1750	BMDL		3.5	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL		1	7.74		23.2		2.05	2.05	0.01	4	0.72	0.03	2.05					
	09/16/97	12.8	1.8	1.3		145	1310	2		3.4	BMDL	BMDL	0.003	BMDL	BMDL	BMDL		BMDL	7.62		28.3		2.81	2.81	0.01	6	1.5	0.01	2.81					
	10/23/97	8.1	3.1	1.5		130	1040	2		3.4	10	BMDL	0.002	BMDL	BMDL	BMDL		1	7.86		22.3		0.86	0.86	0.05	5	2.1	BMDL	0.86					
	11/20/97	5.8	5.4	BMDL		106	1150	BMDL		4.3	BMDL	BMDL	BMDL	0.01	0.01	0.002		BMDL	7.89		20.5		2.28	2.29	0.22	4	1.3	BMDL	2.28					
	12/11/97	8.1	BMDL	1.2		86	915	2		4.8	BMDL	BMDL	BMDL	0.05	0.05	0.011		BMDL	7.65		22.9		0.71	0.76	0.05	3	1.09	BMDL	0.71					
	02/24/98	9.8	0.8	1.7		80	889	BMDL		5.7	150	0.12	0.016	0.4	0.41	0.025		BMDL	7.5		21.4		0.75	1.16	0.02	5	1.07	0.03	0.63					
	03/16/98	1	1.4	1.1		97	835	BMDL		5.4	BMDL	BMDL	BMDL	BMDL	BMDL	0.006		BMDL	7.93		19.1		0.55	0.55	BMDL	6	1.6	0.01	0.55					
	04/20/98	0.7	4.9	BMDL		98	990	BMDL		2.2	10	BMDL	BMDL	BMDL	BMDL	BMDL		BMDL	8.06		25.3		0.71	0.71	BMDL	7	1.7	0.01	0.71					
	06/01/98	4.4	BMDL	1.9		92	840	1		3.1	20	0.03	BMDL	BMDL	BMDL	BMDL		BMDL	7.65		29.2		0.75	0.75	0.07	6	1.3	0.01	0.72					
	11/12/98	9.3	4.3	1.4		86	870		BMDL	3.3	BMDL	BMDL	BMDL	0.09	0.09	0.009		BMDL	7.41		24.1		0.56	0.65	0.18	7	2.4	0.01	0.56					
	02/22/99			BMDL	1.1	102	680		BMDL	4	BMDL	0.05	BMDL	0.01	0.01	0.002		BMDL	7.75		17.7		0.46	0.47	0.25	7	1.4	0.01	0.41					
	05/27/99	1	1.9	6		BMDL	150	1190		BMDL	5.24	BMDL	BMDL	BMDL	BMDL	0.027		1	7.45		29.3		1.57	1.57	0.025	2	1.3	0.01	1.57					
	02/29/00	1.8	BMDL	5		BMDL	124	1020	5		4.4	BMDL	0.03	BMDL	0.03	0.03	0.002		BMDL	7.9		21		0.49	0.52	0.025	7	2.2	BMDL	0.46				
	04/12/00	3.6	2.4	BMDL		2	132	908	7		5.47	BMDL	BMDL	BMDL	BMDL	BMDL		BMDL	7.87		26.43		2.12	2.12	0.05	16	1.09	0.01	2.12					
	04/26/00	2.6	BMDL	BMDL		BMDL	177	1460	BMDL		4.68	BMDL	0.03	BMDL	BMDL	BMDL	0.007		BMDL	7.67		29		1.98	1.98	0.025	2	1.03	0.02	1.95				
	05/24/00	2.9	BMDL	7		2.5	123	690	BMDL		4.15	BMDL	0.003	BMDL	BMDL	BMDL	0.016		BMDL	7.66		29.84		0.17	0.17	0.025	20	3.5	BMDL	0.17				
	12/14/00	1.1	BMDL	BMDL		BMDL	500	72	2770	2		6.3	280	0.05	BMDL	0.03	0.03	0.003		BMDL	7.9		18	22.8	1	1.03	0.025	3	0.96	0.02	0.95			
	01/25/01	0.8	BMDL	BMDL		2.4	332	134	1940	4		5.5	BMDL	BMDL	0.008	BMDL	0.01	0.058		BMDL	7.8		19	14.5	1.8	1.81	0.03	7	0.57	0.01	1.8			
	02/12/01	2.1	BMDL	BMDL		BMDL	150	122	2450	3		5.2	BMDL	BMDL	BMDL	BMDL	0.008		BMDL	8		11	22.6	2.3	2.3	0.03	2	0.7	BMDL	2.3				
	05/17/01	1.5	BMDL	BMDL		2	245	50	1520	BMDL		6.3	100	0.05	0.001	0.01	0.0025		BMDL	8.1		5	27.1	1.26	1.27	0.12	4	1.11	BMDL	1.21				
Daniels Weir 10MIGR50	12/16/94					BMDL	110	832		BMDL	5		BMDL	BMDL	0.03	0.03	0.014		BMDL	7.57		20.7		0.01	0.04	0.05	BMDL	1.1	0.01	0.01				
	01/13/95					1.2	98	775		BMDL	5		0.02	BMDL	0.07	0.07	0.03		BMDL	7.69		22.3		0.72	0.79	0.5	5	1.7	0.01	0.7				
	04/11/95					0.7	120	1000		2.4		BMDL	BMDL	BMDL	BMDL	0.022		BMDL	7.77		26.5		0.89	0.89	0.2	7	0.95	0.01	0.89					
	08/08/95					2.1	63	661		BMDL	2.8		0.06	BMDL	0.06	0.06	0.004		BMDL	7.49		29.9		0.35	0.41	BMDL	12	1.88	BMDL	0.29				
	12/08/95					1.3	91	752		4		0.03	0.014	0.07	0.08	BMDL		BMDL	7.87		21		0.78	0.86	0.01	3	0.95	0.01	0.75					
	01/26/96			BMDL		89	782	BMDL		4.6		0.03	BMDL	0.18	0.18	BMDL		1	7.35		20.3		1.28	1.46	0.04	BMDL	1.2	0.02	1.25					
	02/15/96			1.3		900	727	BMDL		4.8		BMDL	BMDL	0.16	0.16	BMDL		BMDL	7.4		17.8		0.49	0.65	0.05	BMDL	0.8	0.01	0.49					
	03/05/96			BMDL		112	991	1		3.8	10	BMDL	BMDL																					

**Table 11. Ten Mile Canal at Tamiami Weir Samples Collected at Base Flow Conditions*
12/16/94 - 5/17/01**

Base Flow Conditions	\$CHL-A	\$PHE-A	AS	BOD	BOD	CL	COLOR	COND	CU	CU	DO	FCMF10	NH3	NO2	NO3	NOX	O-PO4	PB	PHF	SECCHI	SILICA	TEMP	T-HARD	TKN	TN	T-PO4	TSS	TURB	ZN	ORG-N	G. Ht.	Disc.		
	mg/M3	mg/M3	ug/L	mg/L	mg/L	mg/L	CU	umh/cm	mg/L	ug/L	mg/L	col/100mL	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as P	ug/L	units	meters	mg/L as SiO2	o C	mg/L	mg/L as N	mg/L as N	mg/L as P	mg/L	NTU	mg/L	mg/L as N	feet	cfs		
Class III Standards	<20		≤50			<1500		< 1275	≤0.14	≤14	> 5	<200	≤ 0.02					≤4.4	6.5>8.5								≤ 29	< 1.3						
Lee Co. Laboratory Min. Detection Limit		0.5	3	1	1.5	1	1	1	0.01	1	0.1	10	0.02	0.001	0.01	0.01	0.001	1	0.1	0.1	1	0.1		0.05	0.01	0.01	1	0.01	0.01					
Historical data from Ten Mile Canal at US 41	10/03/74					200		1220			6.1		0.06	0	0.02	0.02	0.03		7.6			25	360	0.86	0.88	0.03		8/JTU		0.8				
	09/16/75					29		330					0.02	0.01	0	0.01	0.02		7.18			26.5	130	0.92	0.93	0.02		6/JTU		0.9				
TAMIAMI WEIR																																		
Site No.	Date																																	
10MIGR20	12/16/94				2.6	79		589	BMDL		4		BMDL	BMDL	BMDL	BMDL	0.011	BMDL	7.73			20.5		BMDL	BMDL	0.03	28	0.4	0.01	BMDL	5.6	13		
	01/13/95				BMDL	73		590	BMDL		3		BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	7.62			20.6		0.46	0.46	0.01	2	0.36	BMDL	0.46	5.74	32		
	04/11/95				0.4	139		956	BMDL		3.8		BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	7.5			26.3		0.84	0.84	0.15	4	0.53	0.01	0.84	5.58	4.8		
	08/08/95				1.6	42		438	BMDL		2.2		BMDL	BMDL	0.04	0.04	BMDL	BMDL	7.23			29		0.39	0.43	BMDL	10	1.01	BMDL	0.39	5.72	207		
	12/08/95				2.7	80		668	BMDL		3.2		BMDL	0.012	BMDL	0.01	0.005	BMDL	7.56			21.6		0.79	0.8	BMDL	5	0.89	0.01	0.79		2.7		
	01/26/96			2.8		85		718	BMDL		4		BMDL	BMDL	0.14	0.14	BMDL	3	7.26			21.3		1.93	2.07	0.02	4.5	1.4	0.02	1.93		39.00		
	02/15/96			1.6		104		725	1		4.7		BMDL	BMDL	0.12	0.12	BMDL	BMDL	7.59			19.8		0.41	0.53	0.05	BMDL	0.82	0.01	0.61		22		
	03/05/96			BMDL		110		840	BMDL		4.9		BMDL	BMDL	0.15	0.15	0.001	BMDL	7.49			23.1		0.41	0.56	BMDL	BMDL	0.76	BMDL	0.41		15		
	06/03/96			1.9		114		930	BMDL		3.1	BMDL	BMDL	0.18	0.18	BMDL	BMDL	7.67			30.1		1.08	1.26	BMDL	1.5	1.05	BMDL	1.08		8			
	10/24/96			BMDL		63		542	5		2.5	70	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	7.55			24.8		0.3	0.3	BMDL	BMDL	0.73	BMDL	0.3	5.67	39		
	11/19/96			BMDL		94		710	BMDL		3.6	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	7.77			23.2		0.73	0.73	0.01	1	0.5	BMDL	0.73	5.53	6		
	12/05/96			BMDL		90		715	BMDL		3.6	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	7.8			22.1		0.66	0.66	BMDL	1	0.48	0.01	0.66	5.51	4.3		
	03/17/97			1		154		1220	BMDL		3.6	BMDL	0.05	BMDL	BMDL	BMDL	BMDL	BMDL	7.83			26.1		1.46	1.46	0.03	2	0.64	BMDL	1.46	5.55	8.3		
	09/16/97	4.1	BMDL		BMDL	100		940	2		3.6	BMDL	BMDL	0.004	BMDL	BMDL	BMDL	BMDL	7.55			29.8		2.28	2.28	0.01	5	0.75	BMDL	2.28	5.6	24		
	10/23/97	6	BMDL		BMDL	92		720	1		4.3	10	BMDL	0.002	0.05	0.05	0.012	BMDL	7.73			25.3		0.47	0.52	0.02	2	0.9	BMDL	0.47	5.66	37		
	11/20/97	3.4	BMDL		BMDL	99		900	BMDL		4.4	BMDL	BMDL	0.01	0.01	0.01	BMDL	BMDL	7.85			23		2.26	2.27	0.51	BMDL	0.9	BMDL	2.26	5.6	16		
	12/11/97	1.3	BMDL		BMDL	68		600	BMDL		4.8	40	BMDL	BMDL	BMDL	BMDL	0.011	BMDL	7.7			24.4		0.68	0.68	0.015	3	0.8	BMDL	0.68	5.73	68		
	02/24/98	3.3	BMDL		1.7	46		764	BMDL		6.7	170	0.03	BMDL	BMDL	BMDL	0.002	BMDL	7.5			19.6		0.46	0.46	0.01	5	1.28	BMDL	0.46	5.74	79		
	03/16/98	7.6	BMDL		BMDL	62.5		615	2		4.5	40	BMDL	BMDL	BMDL	BMDL	0.003	BMDL	7.95			21.7		0.53	0.53	BMDL	5	1	BMDL	0.53	5.69	54		
	04/20/98	1	BMDL		BMDL	80		740	BMDL		4.8	20	BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	8.1			27		0.37	0.37	BMDL	4	0.87	BMDL	0.37	4.86	0		
	06/01/98	9.3	BMDL		2.9	100		760	1		4.5	BMDL	BMDL	0.001	BMDL	BMDL	BMDL	BMDL	7.8			32.3		0.56	0.56	0.02	4	1.9	0.01	0.56	5.54	1.4		
	11/12/98	28.1	13.5		1.7	63		420		BMDL	2.7	190	BMDL	BMDL	0.05	0.05	0.016	BMDL	7.3			23.4		1.41	1.46	0.17	6	1.7	0.01	1.41	5.71			
	02/22/99	20.6	34.9	BMDL	5.2	115		580		BMDL	4.3	BMDL	0.12	BMDL	BMDL	BMDL	0.001	BMDL	7.88			19		0.44	0.44	0.24	30	1.3	0.01	0.44	5.5	11		
	05/27/99	3.3	BMDL	4		BMDL	110	765		BMDL	6.23	BMDL	BMDL	BMDL	BMDL	BMDL	0.009	1	7.95			32.81		0.84	0.84	0.025	4	3.1	0.01	0.84	5.51	6.5		
	02/29/00	2.7	BMDL	BMDL		1.5	126	1020	BMDL				BMDL	0.02	BMDL	BMDL	BMDL	0.004	BMDL	7.9			24		0.5	0.5	0.025	BMDL	1.12	BMDL	0.5	4.76		
	04/12/00	3.4	1	BMDL		2	152	1310	2		4.8	BMDL	BMDL	BMDL	BMDL	BMDL	0.002	BMDL	7.81			23.72		2.1	2.1	0.025	5	0.75	BMDL	2.1	5.24	0		
	04/26/00	4	0.9	BMDL		BMDL	143	1810	BMDL		3.77	10	0.03	BMDL	BMDL	BMDL	0.008	BMDL	7.6			26.2		0.13	0.13	0.025	2	1.12	0.02	0.13	5.47	2.8		
	05/24/00	2.4	4.3	8		1.8	155	1230	BMDL		6.08	BMDL	BMDL	0.002	BMDL	BMDL	0.013	BMDL	8.16			29.65		0.31	0.31	0.025	6	1.72	0.01	0.31	4.77	0		
	12/14/00	0.8	0.9	BMDL		BMDL	145	79	1400	1			BMDL	BMDL	BMDL	0.01	0.01	0.005	BMDL	7.4			14	22.9	0.53	0.54	0.025	3	1.69	BMDL	0.53			
	01/25/01	BMDL	BMDL	BMDL		1.9	113	66	930	1		7.3	BMDL	BMDL	0.003	BMDL	BMDL	0.039	BMDL	7.8			6.2	15.1	0.72	0.72	0.025	4	1.07	BMDL	0.72			
	02/12/01	BMDL	BMDL	BMDL		BMDL	30	66	922	BMDL		5.1	40	0.02	0.005	BMDL	BMDL	0.004	BMDL	7.9			3.5	23.1	2.23	2.23	0.03	BMDL	1.4	0.01	2.23			
	05/17/01	62.6	1.7	BMDL		7.3	225	75	1460	BMDL		7.6	20	0.03	0.002	BMDL	BMDL	0.005	BMDL	8.3			6	29.6	1.22	1.22	0.025	10	4	BMDL	1.19			

Note 1: Metal standards are based on a total hardness of 130 mg/L as measured in historical data.

Note 2: BMDL is an abbreviation for *Below Method Detection Limit*.

*No measurable rainfall within preceding 48 hours.

Sources: Lee County Laboratory, 2002.

Florida Department of Environmental Protection, 2001.

U.S. Geological Survey, 1975.

ECT, 2002.

Table 12. Ten Mile Canal at Colonial Bridge, Daniels Weir, and Tamiami Weir Sampled After Rainfall Events

11/10/94 - 07/11/01

Rainfall Events	SCHL-A	\$PHE-A	AS	BOD	BOD	CL	COLOR	COND	CU	CU	DO	FCMF10	NH3	NH3	NO2	NO3	NOX	O-PO4	PB	PHF	SILICA	TEMP	T-HARD	TKN	TN	T-PO4	TSS	TURB	ZN	ORG-N	G. Ht.	Disc.	
	mg/M3	mg/M3	ug/L	mg/L	mg/L	mg/L	CU	umh/cm	ug/L	ug/L	mg/L	col /100mL	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as P	ug/L	units	mg/L	oC	mg/L as CaCO3	mg/L as N	mg/L as N	mg/L as P	mg/L	NTU	mg/L	mg/L as N	feet	cfs	
Class III Standards	<20		≤ 50			<1500		<1275	<14	<14	>5.0	>200	≤ 0.02	≤ 0.02					<4.4	6.5-8.5							≤29	<1.3					
Lee Co. Laboratory Min. Detection Limit	0.5	0.5	3	1	1.5	1	1	1	1	2	0.1	10	0.01	0.02	0.001	0.01	0.01	0.001	1	0.1	1	0.1	1	0.05	0.01	0.01	1	0.01	0.01	0.01		0	
Colonial Bridge																																	
Site No.	Date																																
10MIGR80	11/10/94			1.8		94		847		BMDL	2.8			0.04	BMDL	BMDL	BMDL	0.031	BMDL	7.6		26.4		0.1	0.1	0.09	2	1.1	0.01	0.06			
	06/23/95			1		92		863		BMDL	2			0.05	0.008	0.03	0.04	0.029	BMDL	7.38		29.2		0.83	0.87	0.03	2	2	BMDL	0.78			
	11/08/95			1.8		70		745	BMDL	3				0.03	BMDL	0.08	0.08	0.002	2	7.14		25.7		0.96	1.04	BMDL	6.5	1.2	0.01	0.93			
	09/05/96			1.7		63		702	BMDL	3		120		0.03	BMDL	0.18	0.18	BMDL	BMDL	7.51		28.1		1.42	1.6	0.02	2.5	2.9	0.01	1.39			
	05/13/97	1.4	BMDL	BMDL		210		1520	1		2.5	50		BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	7.56		25.3		1.93	1.93	BMDL	3	1	BMDL	1.93			
	08/19/97	10.3	BMDL			116		1130	BMDL		3.8	40		BMDL	BMDL	BMDL	BMDL	0.016	BMDL	7.55		28.7		0.5	0.5	0.06	5	1.83	0.01	0.5			
	07/16/98	6.3	1.1			125		1260		2	1.2	60		0.82	0.013	0.09	0.1	BMDL	BMDL	7.4		27.3		2	2.1	0.05	3	1.3	0.01	1.18			
	08/18/98	7.3	BMDL			90		820		BMDL	2	150		0.15	BMDL	BMDL	BMDL	0.001	BMDL	7.42		28.5		1	1	0.11	3	1.59	BMDL	0.85			
	09/21/98	3.3	0.8			41		496		BMDL	3	120		BMDL	0.006	0.06	0.06	0.038	BMDL	7.38		26.7		0.09	0.15	0.09	5	5.1	0.01	0.09			
	12/14/98	4	0.9			94		735		BMDL	3.1	5		0.1	0.002	BMDL	BMDL	0.003	BMDL	7.6		23		2.1	2.1	0.025	2	1.08	0.01	2			
	03/15/99	3.2	1.7	BMDL	1.6	94		768		BMDL	2.5	5		0.05	BMDL	0.02	0.02	0.011	BMDL	7.7		20		0.63	0.65	0.025	3	1.18	0.02	0.58			
	06/17/99	5.9	6.7	BMDL		300		2140		4	3.7	40		0.04	BMDL	BMDL	BMDL	BMDL	1	7.68		27.5		1.32	1.32	0.025	4	1.94	0.01	1.28			
	09/20/99	6	3.6	7		56		722		BMDL	2	5		BMDL	0.007	BMDL	BMDL	0.038	1	7.41		28.9		1.82	1.82	0.28	4	1.1	0.01	1.82			
	12/28/99	8.8	5.7	BMDL		118		1090		4	5.6	5		0.02	0.003	0.09	0.09	0.009	1	7.9		16.5		1.99	2.08	0.025	16	0.75	0.02	1.97			
	06/26/00	0.25	0.868	5		124		809	BMDL		3.02	5		0.2	BMDL	0.01	0.01	0.01	BMDL	7.18		28.1		0.75	0.76	0.025	5	1.69	BMDL	0.55			
	07/10/00	14.3	5.31	4		245		1560		4	4.3	40		0.14	0.01	0.01	0.02	0.01	BMDL	7.16		29.5		0.19	0.21	0.025	7.25	1.4	0.01	0.05			
	08/01/00	11.1	1.16	BMDL		155		1220	BMDL		3.02	4		0.04	BMDL	BMDL	BMDL	0.006	BMDL	7.11		29.3		1.39	1.39	0.025	4	1.3	0.01	1.35			
	11/20/00	1.5	4.8	BMDL		255		1530	BMDL		6.4	20		0.02	BMDL	0.04	0.04	0.005	BMDL	7.7		23.1		1.55	1.59	0.24	2	1.6	0.01	1.53			
	06/04/01	1.42	1.65	BMDL		180	46.3	1370	BMDL		4.5	5	0.06		0.005	0.03	0.03	0.008		7.5	6.2	28.7		1.08	1.11	0.05	10	2.2	BMDL	1.08			
	07/11/01	6.41	1.85	4		280	88.5	1810	8		4.9	5	0.09		0.006	0.01	0.02	0.007	BMDL	7.5	11	29.6	650	1.6	1.62	0.025	1	1.1	BMDL	1.6			
Daniels Weir																																	
10MIGR50	11/10/94			1.1		110		843	3		4.4			0.03	BMDL	0.06	0.06	0.032	BMDL	7.63		26.7		0.07	0.13	0.04	BMDL	1.4	0.01	0.04			
	06/23/95			1		82		713	BMDL		3.6			0.04	0.006	0.05	0.06	0.015	BMDL	7.39		28.5		0.4	0.46	0.05	BMDL	0.88	BMDL	0.36			
	11/08/95			1.1		70		676	2		4			0.03	BMDL	0.12	0.12	BMDL	BMDL	7.16		25.7		0.83	0.95	0.15	BMDL	1.26	BMDL	0.8			
	09/05/96			1.7		86		841	5		3.8	10		0.02	BMDL	0.1	0.1	BMDL	BMDL	7.57		29.9		1.04	1.14	BMDL	4.5	1.65	0.01	1.02	10.09		
	05/13/97	1.7	0.5	BMDL		230		1590	BMDL		3	10		BMDL	BMDL	BMDL	BMDL	BMDL	BMDL	7.76		26.5		1.6	1.6	BMDL	3	0.9	BMDL	1.6	9.8		
	08/19/97	14	BMDL			88		860	BMDL		3.4	20		BMDL	BMDL	0.02	0.02	0.005	BMDL	7.55		31		0.34	0.36	0.03	4	1.34	BMDL	0.34	10.09		
	07/16/98	4.7	BMDL			112		1140		BMDL	2.4	BMDL		0.33	0.004	0.05	0.05	BMDL	BMDL	7.45		27.9		1.05	1.1	BMDL	2	0.74	0.01	0.72	8.33		
	08/18/98	6	BMDL			94		840		BMDL	3	150		BMDL	BMDL	0.02	0.02	0.012	BMDL	7.49		28.7		BMDL	0.02	0.04	4	1.1	BMDL	BMDL			
	09/21/98	3.5	0.7			36		420		BMDL	3.2	50		BMDL	0.001	0.06	0.06	0.003	BMDL	7.43		26.7		BMDL	0.06	BMDL	7	2.5	0.01	BMDL	8.87		
	12/14/98	3.8	0.8			89		690		BMDL	3.7	BMDL		BMDL	BMDL	BMDL	BMDL	0.003	BMDL	7.7		23		2.25	2.25	0.025	1	0.79	0.02	2.25	8.36		
	03/15/99	2.5	1.2	BMDL	1.5	118		830		BMDL	2.4	BMDL		BMDL	BMDL	0.02	0.02	0.003	BMDL	7.9		20.5		0.79	0.81	0.025	3	1.27	0.01	0.79	9.63		
	06/17/99	2.8	BMDL	BMDL		210		1490		BMDL	3.8	10		BMDL	BMDL	BMDL	BMDL	0.004	1	7.61		27.1		0.99	0.99	0.025	1	1.33	0.01	0.99	9.78		
	09/20/99	4	1.3	3		59.5		700		BMDL	2.3	20		BMDL	0.006	BMDL	BMDL	0.028	1	7.5		30		1.04	1.04	0.025	3	3.3	0.01	1.04	10.12		
	12/28/99	2.9	1.3	BMDL		94		712		5	4.6	20		0.02	BMDL	0.23	0.23	BMDL	1	7.6		17		0.025	0.23	0.025	5	1.57	0.02	0.005	9.9		
	06/26/00	3.36	BMDL	3		112		767	BMDL		5.71	10		0.03	BMDL	BMDL	BMDL	BMDL	BMDL	7.29		27.9		0.53	0.53	0.025	20	4.4	BMDL	0.5			
	07/10/00	3.11	0.73	BMDL		140		1220	1		1.31	BMDL		BMDL	0.0115	0.11	0.12	0.002	BMDL	6.98		29.15		0.48	0.6	0.0825	2.375	1.1	0.0075	0.48			
	08/01/00	4.26	0.841	BMDL		110		888.5	BMDL		4.585	10		BMDL	BMDL	0.06	0.06	0.005	BMDL	7.035		28.35		0.885	0.945	0.025	2	0.945	0.015	0.885			
	11/20/00	2.1	1.9	BMDL		126		948	17		5.8	BMDL		0.02	BMDL	0.07	0.07	0.004	BMDL	7.3		23.3		1.12	1.19	0.025	BMDL	1.5	0.01	1.1			
	06/04/01	42.2	BMDL	4		140	106	1210	BMDL		2.2	BMDL	BMDL		0.01	BMDL	0.01	0.022	BMDL	7.3	21	28.8		0.95	0.96	0.025	15	6.3	BMDL	0.95	8.88		
	07/11/01	3.12	0.278	4		275	73.8	1740	2		3.1	40	0.02		0.007	BMDL	0.01																

Table 13. Ten Mile Canal Water Quality Samples Collected in Connection with the ECT Ten Mile Canal Marsh Project with Lee County.

ECT Sample Run - 02-04-02 - Base Flow Condition		\$CHL-A	\$PHE-A	AL	AS	BOD	CD	CL	COD	COND	CR	CU	DO	ENTERO	FCMF10	HG	NH3	NH3	NO2	NO3	NOX	ORG-N	O-PO4	PB	PHF	SE	T-ALK	TEMPF	T-HARD	TKN	TN	TOC	T-PO4	TSS	TURB	ZN	
		mg/M3	mg/M3	mg/L	ug/L	mg/L	ug/L	mg/L	mg/L	umh/cm	ug/L	ug/L	mg/L	col/100ml	col/100mL	ug/L	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as P	ug/L	units	ug/L	mg/L as CaCO3	Deg C	mg/L as CaCO3	mg/L as N	mg/L as N	mg/L	mg/L as P	mg/L	NTU	mg/L	
Class III Standards		<20			≤ 50			<1500				<14		>5.0	>200		≤ 0.02							<4.4												<29	<1.3
Lee County Laboratory Minimum Detection Limit		0.5	0.5	0.01	3	1.5	0.75	1	1	1	2	1	0.1	10	10	0.02	0.02	1	0.001	0.01	0.01	0.01	0.001	1	0.01	3	1	0.1	1	0.01	0.01	1	0.05	1	0.02	0.01	
Site No.	Sample Location	Date	Time																																		
10MIFM86	Ten Mile Canal, Upstream of Colonial Waterway	02/04/02	16:00	3.8	3.6		4	1.6		215					BMDL	0.09		0.005	0.05	0.06	1.76	0.02				260		596	1.85	1.91		0.06	5	1.86	BMDL		
10MIFM85	Upstream of Colonial Waterway Weir - top	02/04/02	15:15	14	3.8		1.5	2.4		210			1590	1	2	5.93			0.008	0.01	0.02	1.78	0.017			266	22.8	612	1.8	1.82		0.1	2	2.9	BMDL		
10MIFM85	Duplicate: Upstream of Colonial Waterway Weir - top	02/04/02	15:15	13	5.3		1.5	2.4		210			1590	1	3	5.93			0.006	0.01	0.02	1.78	0.023			270	22.8	606	1.8	1.82		0.05	6	4.3	BMDL		
10MIFM70	Upstream of Page Field Weir - top	02/04/02	13:50	6.5	1.5		1.5	2.2		174			1450	1	1	9.82			0.003	0.01	0.01	1.53	0.005		7.23	245	23.79	578	1.53	1.54		BMDL	1	1.06	BMDL		
10MIFM52T	Upstream of Daniels Weir - top	02/04/02	10:15	5.4	1.8		1.5	2		164			1354	1	1	4.44			0.002	0.03	0.03	1.3	0.005		7.65	243	23.4	508	1.3	1.33		BMDL	2	1.25	BMDL		
10MIFM52B	Upstream of Daniels Weir - bottom	02/04/02	10:30	5.9	2.1		1.5	1.8		164			1351	1	1	4.2			0.002	0.01	0.01	1.36	0.005		7.67	244	23.12	506	1.36	1.37		0.08	3	1.16	BMDL		
10MIFM51T	Daniels Weir, top	02/04/02	9:30	4.7	2		1.5	2.1		158			1354	1	3	4.62			0.008	0.01	0.02	1.27	0.005		7.24	241	23.34	480	1.27	1.29		0.06	3	1.28	BMDL		
10MIFM51B	Daniels Weir, bottom	02/04/02	9:50	4.8	1.6		1.5	1.6		158			1346	1	2	4.79			0.003	0.02	0.02	1.26	0.005		7.42	244	23.26	490	1.26	1.28		0.09	2	1.22	BMDL		
10MIGR21	Tamiami Weir - upstream, top	02/04/02	12:15	5.1	1.8		1.5	0.75		148			1197	2	2				0.002	0.01	0.01	1.04	0.005		7.76	242	24	454	1.04	1.05		0.05	1	1.17	BMDL		

ECT Sample Run - 2-23-02 - During Rainfall Event		\$CHL-A	\$PHE-A	AL	AS	BOD	CD	CL	COD	COND	CR	CU	DO	ENTERO	FCMF10	HG	NH3	NH3	NO2	NO3	NOX	ORG-N		PB	PHF	SE	T-ALK	TEMPF	T-HARD	TKN	TN	TOC	T-PO4	TSS	TURB	ZN		
		mg/M3	mg/M3	mg/L	ug/L	mg/L	ug/L	mg/L	mg/L	umh/cm	ug/L	ug/L	mg/L	col/100ml	col/100mL	ug/L	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as P	ug/L	units	ug/L	mg/L as CaCO3	Deg C	mg/L as CaCO3	mg/L as N	mg/L as N	mg/L	mg/L as P	mg/L	NTU	mg/L		
Class III STD		<20			≤ 50			<1500				<14		>5.0	>200		≤ 0.02							<4.4											<29	<1.3		
Lab MDL		0.5	0.5	0.01	3	1.5	0.75	1	1	1	2	1	0.1	10	10	0.02	0.02	1	0.001	0.01	0.01	0.01	0.001	1	0.01	3	1	0.01	1	0.01	0.01	1	0.05	1	0.02	0.01		
Site No.		Date	Time																																			
10MIFM86	Ten Mile Canal, Upstream of Colonial Waterway	02/23/02	9:40	27.7	4.8	0.04	7	3.2	BMDL	242	140	1580	BMDL	BMDL		60	10	BMDL	0.07	BMDL	0.004	0.03	0.03	2.26	0.023	BMDL	7.8	BMDL	255	20.6	652	2.33	2.36	37	BMDL	11	11.2	0.02
10MIFM86	Duplicate: Ten Mile Canal, Upstream of Colonial Waterway	02/23/02	9:40	26.6	4.7	0.02	9	3.9	BMDL	242	170		BMDL	BMDL		BMDL	60	BMDL	0.05	BMDL	0.005	0.01	0.02	2.25	0.02	BMDL		BMDL	260		660	2.3	2.32	38	BMDL	9	9.2	0.01
10MIFM85A	Colonial Waterway at Metro Parkway	02/23/02	9:20	28.9	4.3	0.05	14	3.4	BMDL	238	160	1610	BMDL	BMDL		30	10	BMDL	0.04	BMDL	0.003	0.02	0.02	2.29	0.024	BMDL	7.83	BMDL	129	20.5	664	2.33	2.35	39	BMDL	12	9.8	0.01
10MIFM85	Upstream of Colonial Waterway Weir - top	02/23/02	8:40	30.2	4.3	0.03	9	3.1	BMDL	242	150	1580	BMDL	BMDL		40	40	BMDL	0.04	BMDL	0.006	0.02	0.03	2.02	0.017	BMDL		BMDL	256	20.5	648	2.06	2.09	38	BMDL	11	8.9	0.02
10MIFM70	Upstream of Page Field Weir - top	02/23/02	8:20	2.3	0.5	0.02	8	BMDL	BMDL	228	BMDL	1520	BMDL	BMDL		30	10	BMDL	0.02	BMDL	0.002	0.01	0.01	1.5	0.037	BMDL	7.77	BMDL	240	20.3	606	1.52	1.53	34	BMDL	3	1.33	0.01
10MIFM52T	Upstream of Daniels Weir - top	02/23/02	7:55	1.5	BMDL	0.01	BMDL	BMDL	BMDL	150	92	1130	BMDL	BMDL		40	20	BMDL	0.02	BMDL	BMDL	0.04	0.04	0.91	BMDL	BMDL	7.49	BMDL	236	20	434	0.93	0.97	23	BMDL	1	1.03	BMDL
10MIFM52B	Upstream of Daniels Weir - bottom	02/23/02	8:10	7.6	1.8	0.02	9	1.5	BMDL	171	130	1321	BMDL	BMDL		20	20	BMDL	BMDL	BMDL	0.001	0.01	0.01	1.17	BMDL	BMDL	7.45	BMDL	234	20.2	518	1.17	1.18	27	BMDL	5	1.74	0.01
10MIGR51T	Daniels Weir, top	02/23/02	7:25	2.6	0.8	0.06	4	1.5	BMDL	148	120	1135	BMDL	BMDL		230	30	BMDL	0.02	BMDL	0.003	0.02	0.02	1.03	0.01	BMDL	7.48	BMDL	237	20.2	442	1.05	1.07	22	BMDL	1	1.09	0.01
10MIGR51B	Daniels Weir, bottom	02/23/02	7:40	3.1	1	0.04	3	BMDL	BMDL	158	110	1250	BMDL	BMDL		10	20	BMDL	BMDL	BMDL	0.001	0.01	0.01	1.2	BMDL	BMDL	7.33	BMDL	232	20.3	486	1.2	1.21	25	BMDL	3	1.1	0.01

Note 1: Metal standards are based on a total hardness of 130 mg/L as measured in historical data.

Note 2: BMDL is an abbreviation for *Below Method Detection Limit*.

Note 3: For detailed site locations, refer to Table 15, and/or Figure 1.

Sources: Lee County Laboratory, 2002.

Florida Department of Environmental Protection, 2001.

ECT, 2002.

**Table 14. Monthly Rainfall Data at Page Field/Lee Tran Rain Gauge
1992 - 2000**

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1992	ND	3.97	4.75	2.12	0.74	10.13	8.41	6.93	2.93	1.09	0.98	0.11	42.16+
1993	2.18*	1.81	3.15	2.26	2.29	5.59	5.57	9.80	12.56*	9.18	1.11	0.40+	40.76+
1994	3.32	2.45	1.44	7.88	0.71	6.07	13.09	11.58	9.77	4.02	3.23	5.37	68.93
1995	2.29	0.81	1.05	5.96	1.79	17.42+	9.97+	18.59	7.74	12.73	0.73+	1.82	52.78
1996	3.40	1.00	5.28	2.80	5.83	19.47	10.51	4.27	10.78	5.25	0.23	1.14	69.96
1997	2.22	3.47	1.99	5.90	5.68	9.49	13.23	6.24	12.83	0.24	6.29	7.44	75.02
1998	3.64	9.66	7.25	1.83	4.11	6.66	13.68	13.33	20.02	1.08	13.51	1.56	96.33
1999	3.92	0.13	1.58	1.04	5.43	14.21	9.52	14.44	13.31	2.78	2.70	2.11	71.17
2000	1.94	0.14	6.19	2.71	3.89	11.81	12.07	11.46	17.76	2.25	0.28	0.63	71.13
Mean	2.96	2.60	3.63	3.61	3.39	10.43	10.76	10.74	11.89	4.29	3.54	2.52	70.37

Note: Rainfall data available in 15-minute intervals from Lee County, Department of Natural Resources.

* = Values in question: not used to calculate total or mean.

+ = Equipment failure resulting in partial readings.

ND = No data.

Location: Sec. 01, Twn. 45, R. 24; Metro Pkwy. To Idlewild, Lee Tran.

Sources: Lee County Laboratory, 2002.

ECT, 2002.

**Table 15. List of Ten Mile Canal Water Quality Sampling Sites
and Corresponding Location Codes
Ten Mile Canal Basin, Lee County, Florida**

Site Location Code	Ten Mile Canal Sample Locations:
10MIFM19	US 41 Highway Bridge
10MIGR20	Downstream side of Tamiami Weir
10MIFM21	Upstream side of Tamiami Weir at USGS Gauge
10MIFM30	Briarcliff Road Bridge
SIXMILE#5	Confluence of Six Mile Cypress, upstream of Six Mile Cypress Weir
10MIGR40	Six Mile Cypress Parkway Bridge
10MIGR50	Daniels Road Bridge
10MIFM51	10 feet upstream of Daniels Weir
10MIFM52	Upstream side of Daniels Weir at Lee County Gauge
10MIGR60	Crystal Drive Bridge
10MIFM69	Downstream side of Page Field Weir
10MIFM70	Upstream side of Page Field Weir
10MIGR80	Colonial Boulevard Bridge
10MIFM85A	Colonial Waterway at Metro Parkway Bridge
10MIFM85B	Upstream side of Colonial Waterway Weir
*10MIFM85	Confluence of Colonial Waterway Weir
*10MIGR91	Suspected Industrial Point Source at Fort Myers, FL

* Sites 10MIGR91 and 10MIFM85 are both located at the confluence of Ten Mile Canal and Colonial Waterway. This was confirmed during Lee County's water sample collection on Feb. 3, 2003 by Brian Ott of Lee County Laboratory, and observed by H.R. La Rose o

Note: Regarding the above site location codes, MIGR refers to a county sampling site, and MIFM refers to an Environmental Consulting & Technology, Inc. sampling site.

Sources: Lee County.

ECT, 2003.

**Table 16. Ten Mile Canal at suspected Industrial Source (Fort Myers)
10MIGR91: 1990 - 1995**

Suspected Industrial Source	AG	AS	BA	BE	BOD	BOD	CD	CL	COND	CR	CU	CU	DO	NH3	NI	NO2	NO3	NOX	ORG-N	O-PO4	PB	PB	pH	SE	SECCHI	TEMP	TKN	TL	TN	T-PO4	TSS	TURB	TURB	ZN	
	mg/L	µg/L	mg/L	µg/L	mg/L	mg/L	µg/L	mg/L	umh/cm	µg/L	mg/L	µg/L	mg/L	mg/L as N	µg/L	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as P	mg/L	µg/L	units	µg/L	meters	o C	mg/L as N	µg/L	mg/L as N	mg/L as P	mg/L	NTU	NTU	mg/L	
Class III Standards	<0.07	<50		ann. mean<0.13			<1.39	<1500	<1275	<11	<.015	<15	>5.0	≤0.02	<196						<0.0044	<4.4	6.5>8.5	<5.0		<32.2		<6.3				<29	<29	<0.13	
Lee Co. Laboratory Min. Detection Limit	0.01	1	0.01	0.2	0.1	1	0.1	1	1	1	0.01	1	0.1	0.02	1	0.001	0.01	0.01	0.01	0.001	0.01	1	0.1	3	0.1	0.1	0.01	1	0.01	0.01	1	0.01	0.1	0.01	
Site No.	Date																																		
10MIGR91	09/12/90				7			146	1014		0.02			0.03		0.09	1.12	1.21	1.16	0.787	BMDL						1.19		2.4	0.84	31	11.1			0.01
	10/11/90				5			138	785		BMDL			BMDL		0.234	0.52	0.75	1.14	1.23	0.01						1.14		1.89	1.27	4	3.4			BMDL
	11/02/90				8			130	1232		0.01			BMDL		BMDL	0.91	0.91	BMDL	0.505	BMDL				5		BMDL		0.91	0.55	19	5.5			BMDL
	12/12/90				1			255	1492		BMDL		11.2	0.02		0.016	BMDL	0.02	1.2	BMDL	0.04		8.4		2	15	1.2		1.22	0.06	BMDL	1			BMDL
	01/04/91				0.6			258	1507		0.01		8.4	BMDL		0.008	0.01	0.02	1.79	0.013	BMDL		7.9		1	23	1.79		1.81	0.05	13	0.24			BMDL
	02/08/91				4.9			217	1342		BMDL		7.5	BMDL		0.045	2.32	2.36	1.9	0.524	BMDL		7.8		0.5	21.5	1.9		4.26	1	16	7			BMDL
	03/06/91				4.4			200	1241		0.01		9.5	0.17		0.47	0.19	0.66	0.90	0.22	0.02		8.1		0.75	22.5	1.07		1.73	0.24	21	8.1			BMDL
	04/30/91				0.2			119	640		BMDL		8	0.02		0.002	0.08	0.08	4.22	0.044	BMDL		7.9			26	4.24		4.32	0.09	2	1.13			0.02
	05/17/91				2.6			154	897		BMDL		2.1	BMDL		0.007	BMDL	0.01	1.26	0.207		BMDL	7.2			28	1.26		1.27	0.28	5	2.2			0.01
	06/18/91				2.9			137	1118		BMDL		7.2	0.14		0.014	BMDL	0.01	1.02	0.337		BMDL	7.6			27	1.16		1.17	0.36	5	2.6			BMDL
	07/03/91				1.5			33	320		BMDL		7	BMDL		0.023	0.08	0.1	0.69	BMDL		BMDL	7.6			26	0.69		0.79	0.02	1	1.8			BMDL
	08/02/91				1.8			57	382		BMDL		3.9	0.02		0.16	0.44	0.6	0.96	0.11		BMDL	7			27	0.98		1.58	0.17	2	1.6			BMDL
	09/13/91				2.3			113	762		BMDL		8	BMDL		9.36	8.74	18.1	1.50	1.32		BMDL	6.6			30	1.5		19.6	1.3	15	2.5			BMDL
	10/04/91				2.4			79	731		BMDL		5.7	BMDL		0.257	BMDL	0.26	0.50	0.094		BMDL	7.5			29	0.5		0.76	0.25	115	50			0.01
	11/08/91				1.2			98	851		BMDL		4.1	0.04		0.133	0.06	0.19	0.33	0.03		BMDL	7.4			25	0.37		0.56	0.06	1	1.38			0.02
	12/06/91				1.4			97	827		BMDL		3.9	BMDL		0.097	0.11	0.21	1.19	0.042		BMDL	7.5			26	1.19		1.4	0.04	1	0.67			BMDL
	01/03/92				5.3			102	724		BMDL		7.3	BMDL		0.003	0.03	0.03	0.56	0.013		BMDL	7.4			24	0.56		0.59	0.06	8	2.4			BMDL
	02/06/92				0.8			100	560		BMDL		5.3	BMDL		0.003	0.01	0.01	0.18	BMDL		BMDL	5.2			20	0.18		0.19	0.02	1	8.8			BMDL
	03/13/92				0.8			106	588		BMDL		4.2	0.05		0.003	BMDL	BMDL	1.7	BMDL		BMDL	5.6			32	1.75		1.75	0.04	1	0.24			BMDL
	04/05/92				0.9			106	583		BMDL		4.3	BMDL		0.056	0.02	0.08	0.43	0.102		BMDL	5.6			23	0.43		0.51	0.1	5	0.31			BMDL
	05/21/92				0.8			131	732		BMDL		5.4	BMDL		0.007	0.01	0.02	1.34	0.004		BMDL	6.3			26	1.34		1.36	0.03	1	0.71			BMDL
	06/03/92				3			242	985		BMDL		3.8	0.08		BMDL	BMDL	BMDL	1.03	0.017		BMDL	7.6			25	1.11		1.11	0.08	3	0.95			BMDL
	07/02/92				1.4			42	416		BMDL		6.2	0.12		0.007	0.01	0.02	0.73	0.096		BMDL	7.3			26	0.85		0.87	0.09	3	0.54			0.01
	08/13/92				1.2			128	1177		0.05		5.2	0.38		0.177	0.29	0.47	1.10	0.17		2	7.3			25.7	1.48		1.95	0.3	2	0.54			BMDL
	09/21/92				1.6			88	770		BMDL		3.2	0.1		BMDL	BMDL	BMDL	0.34	0.041		BMDL	7			29.1	0.44		0.44	0.04	1	1.32			BMDL
	10/16/92				1.5			87	711		0.01		5.3	0.02		BMDL	BMDL	BMDL	0.15	0.04		BMDL	7.1			27.9	0.17		0.17	0.08	3		1.9		BMDL
	11/10/92				1.1			110	800		BMDL		4.6	BMDL		BMDL	0.11	0.11	2.53	0.019		9	7.1			27.6	2.53		2.64	0.1	BMDL		1.2		BMDL
	12/03/92				1.3			114	668		BMDL		5.2	0.1		BMDL	BMDL	BMDL	1.22	BMDL		BMDL	7.4			26.3	1.32		1.32	0.06	29		0.6		BMDL
	01/15/93				0.4			130	1130		BMDL		4.4	0.05		BMDL	0.01	0.01	1.23	BMDL		BMDL	7			26.1	1.28		1.29	BMDL	1		0.7		BMDL
	02/17/93				1.5			130	909		BMDL		6.4	0.9		BMDL	BMDL	BMDL	0.71	0.009		BMDL	8			27.5	1.61		1.61	0.07	6		0.6		BMDL
	03/12/93				2.6			161	668		BMDL		5.2	0.06		BMDL	BMDL	BMDL	0.89	BMDL		BMDL	7.4			26.3	0.95		0.95	BMDL	48		0.7		BMDL
	04/01/93				2.8			132	990		BMDL		5.3	BMDL		BMDL	BMDL	BMDL	1.02	BMDL		BMDL	7.6			25.6	1.02		1.02	BMDL	12		1.2		BMDL
	05/21/93				1.7			206	1230		BMDL		5.2	BMDL		BMDL	BMDL	BMDL	0.43	BMDL		BMDL	7.1			31	0.43		0.43	BMDL	5	0.8			BMDL
	06/29/93				1.6			140	1360		BMDL		5.2	BMDL		BMDL	BMDL	BMDL	0.83	BMDL		BMDL	7.1			31	0.83		0.83	0.12	1	1.2			0.01
	07/14/93				BMDL			114	857		BMDL		5.1	0.12		BMDL	BMDL	BMDL	0.05	BMDL		BMDL	7.1			32.1	0.17		0.17	0.5	BMDL	0.6			BMDL
	08/12/93				7.4			109	751		BMDL		3.3	0.27		0.005	BMDL	BMDL	2.13	BMDL		20	7.49			28.9	2.4		2.4	0.58	39	5.3			0.07
	09/03/93	0.01	15	0.07	BMDL		0.8			15	BMDL				6							18	BMDL				BMDL								0.11
	09/30/93				8			105	1160		BMDL		7.8	BMDL		0.49	3.53	4.02	6.12	BMDL		BMDL	7.1			29.1	6.12		10.14	0.79	56	24			0.04
	10/27/93				7.5			170	1290		BMDL		4	2.59		0.48	6.64	7.12	6.26	0.07		3	7.13			30.5	8.85		15.97	0.64	72	4.7			0.01
	11/24/93				2			126	1082		0.01																								

Table 17. Ten Mile Canal at Suspected Industrial Source (Fort Myers)

10 MIGR 91: 1996 - 2000

Suspected Industrial Source	\$SCHL-A	\$PHE-A	AS	BOD	BOD	CL	COLOR	COND	CU	DO	FCMF10	NH3	NO2	NO3	NOX	ORG-N	O-PO4	PB	PB	pH	SILICA	T HARD	TEMP	TKN	TKN	TN	T-PO4	T-PO4	TSS	TURB	TURB	ZN	G.Ht.	
	mg/M3	mg/M3	µg/L	mg/L	mg/L	mg/L	CU @ 465 nm	umh/cm	µg/L	mg/L	col/100mL	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as P	µg/L	µg/L	units	mg/L as SiO2	mg/L as CaCO3	o C	mg/L as N	mg/L as N	mg/L as N	mg/L as P	mg/L as P	mg/L	NTU	NTU	mg/L	Feet	
Class III Standards	mean<20		= 50			<1500		<1275	<15	>5.0	mean<200	= 0.02						<4.4	<4.4	6.5-8.5			<32.2							≤ 29	= 29	≤ 0.13		
Lee Co. Laboratory Min. Detection Limit	0.5	0.5	3	1	1.5	1	1	1	1	0.1	10	0.02	0.001	0.01	0.01		0.001	1	2		1	1	0.1	0.1	0.05	0.01	0.01	0.05	1	0.01	0.01	0.01	0.01	0.01
Site No.	Date																																	
10MIGR91	01/26/96																																	
	02/15/96																																	
	03/05/96																																	
	04/02/96																																	
	05/16/96																																	
	06/03/96																																	
	07/16/96																																	
	08/13/96																																	
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	10/24/96																																	
	11/19/96																																	
	12/05/96																																	
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	09/16/97																																	
	10/23/97																																	
	11/20/97																																	
	12/11/97																																	
	01/22/98																																	
	02/24/98																																	
	03/16/98																																	
	04/20/98																																	
	06/01/98																																	
	07/16/98																																	
	08/18/98																																	
	09/21/98																																	
	10/20/98																																	
	11/12/98																																	
	12/14/98																																	
	01/14/99																																	
	02/22/99																																	
	03/15/99																																	
	04/20/99																																	
	05/27/99																																	
06/17/99																																		
07/26/99																																		
08/16/99																																		
09/20/99																																		
10/21/99																																		
11/09/99																																		
12/28/99																																		
01/26/00																																		
02/29/00																																		
04/12/00																																		
04/26/00																																		
05/24/00																																		
06/26/00																																		
07/10/00																																		
08/01/00																																		
09/19/00																																		
10/18/00																																		
11/20/00																																		
12/14/00																																		

Note 1: Metal standards are based on a total hardness of 130 mg/L as measured in historical data.
 Note 2: Blanks in table indicate that no data was collected at that time.
 Note 3: Greyed cells in table indicate data is in question.
 Note 4: BMDL is an abbreviation for Below Method Detection Limit.
 Note 5: Florida Department of Environmental Protection (FDEP) Class III Freshwater Standards as of December 1996.

Sources: Lee County Laboratory, 2002.
 Florida Department of Environmental Protection, 1996.
 ECT, 2002.

Table 18. Ten Mile Canal at Suspected Industrial Source (Fort Myers)

10 MIGR 91: 2001 - November 2002

Suspected Industrial Source		\$CHL-A	\$PHE-A	AL	AS	BOD	CD	CL	COD	COLOR	COND	CR	CU	DO	ENTERO	FCMF10	HG	NH3	NH3	NI	NO2	NO3	NOX	ORG-N	O-PO4	O-PO4	O-PO4	PB	pH	SE	SILICA	SILICA	T-ALK	T-HARD	TEMP	TKN	TKN	TOC	TN	T-PO4	T-PO4	TSS	TURB	TURB	ZN	G.Ht.		
		mg/M3	mg/M3	µg/L	µg/L	mg/L	µg/L	mg/L	mg/L	mg/L	CU @ 465 nm	umh	µg/L	µg/L	mg/L	col /100mL	col /100mL	µg/L	mg/L as N	mg/L as N	µg/L	mg/L as N	mg/L as N	mg/L as N	mg/L as N	mg/L as P	mg/L as P	mg/L as P	µg/L	units	µg/L	mg/L as SiO2	mg/L as SiO2	mg/L as CaCO3	mg/L as CaCO3	o C	mg/L as N	mg/L as N	mg/L	mg/L as N	mg/L as P	mg/L as P	mg/L	NTU	NTU	mg/L	Feet	
Class III Standards		mean<20			= 50		<1.39	<1500			<1275	<11	<12	>5.0		mean<200	= 0.012	= 0.02	= 0.02	<65									<4.4	6.5>8.5	= 5.0			> 20			< 32.2								= 29	= 29	= 0.15	
Lee Co. Laboratory Min. Detection Limit		0.5	0.5	3	3	1.5	0.75	1	20	1	1	2	1	0.01	10	10	0.2	0.01	0.02	1	0.001	0.01	0.01	0.01	0.005	0.001	0.01	1	0.1	3	0.5	1	1	1	0.1	0.1	0.05	1	0.01	0.05	0.06	1	0.02	0.01	0.01	0.01	0.01	
Site No.	Date	Time																																														
10MIGR91	01/25/01		30.2	23.1	BMDL	3.8		355		124	1960		6	4.9		BMDL			BMDL		0.006	BMDL	0.01	1.95		0.058		BMDL	7.5						13.6		1.95		1.96	BMDL		6		0.9	0.01			
	02/12/01		35.6	11.6	BMDL	3.3		150		148	2610		3	3.6		BMDL			BMDL		0.04	BMDL	0.01	0.01	2.65		0.012		BMDL	7.6					22.9		2.68		2.69	BMDL		35		1.3	0.01			
	03/06/01		1.3	1.1	BMDL	2.2		430		130	2700		3	4.2		10			0.03			0.004	0.02	0.02	2.36	BMDL		BMDL	7.4					19.6		2.39		2.41	BMDL		8		1.05	BMDL				
	04/05/01		22.9	10.2		11	BMDL	130		490	864		2	4.6		380		0.58			0.042	0.24	0.28	1.77	0.042		2	7.7					25.2		2.35		2.63	0.28		20		26	BMDL					
	05/17/01		12.8	7.8	BMDL	5.3		285		82	1830		BMDL	2.7		1000		0.03			0.002	BMDL	1.52	BMDL				BMDL	7.6					24.9		1.55		1.55	0.14		147		45	BMDL				
	06/04/01		9.02	15.1		4	8.1	275		100	1760		BMDL	3.5		80		1.53			0.014	0.01	0.02	2.3	0.011		BMDL	7.6					26.8		3.83		3.85	0.12		67		17.2	BMDL					
	07/11/01		10.7	3.73		4	3.9	300		111	1860		16	5.4		BMDL		0.06			0.008	0.01	0.02	1.59	0.007		BMDL	7.5					660	29.2	1.65		1.67	BMDL		7		1.5	BMDL					
	07/30/01		45.7	16.1		4	4.1	180		138	1300		4	4.3		BMDL		0.11			0.015	0.09	0.11	1.46	0.012		BMDL	7.2					264	29.4	1.57		1.68	BMDL		117		3.6	BMDL					
	08/02/01	8:55	18.4	5.5	BMDL	2.9		210		106	1230		3	4.3		BMDL		0.06			0.044	0.06	0.1	0.96	0.018		BMDL	7					26.2	1.02		1.12	BMDL		18		2.9	BMDL						
	08/16/01	8:36	19.3	9.6	BMDL	2.2		147		113	1206		1	3.7		830		0.05			0.005	0.04	0.04	1.16	BMDL		BMDL	7.1					428	29.3	1.21		1.25	0.08		5.5		2.2	BMDL					
	09/13/01	9:30	13.1	7.9		55	2.9	74		98.6	808		BMDL	2.8		100		0.19			0.013	0.05	0.06	1.3	0.053		BMDL	7.04					262	26	1.49		1.55	BMDL		14		1.63	BMDL					
	09/26/01	9:15	17.4	3.6	BMDL	3.2		51		99.4	1070		3	3.5	20	BMDL		0.11			0.007	0.04	0.05	0.69	0.03		BMDL	7.19					350	28.5	0.8		0.85	0.06		6		1.57	BMDL					
	10/08/01	9:10	29	5		3	3.8	102		111	1220		BMDL	4.9	30	BMDL		0.02			0.005	0.03	0.03	0.97	BMDL		BMDL	7.36					384	27.7	0.99		1.02	BMDL		4		1.52	BMDL					
	10/22/01	9:45	18.3	29.5		3	5.6	95		124	1230		BMDL	2.8	1090	BMDL		0.15			0.004	0.08	0.08	1.13	0.097		BMDL	7.31					422	25.7	1.28		1.36	0.06		18		7.4	BMDL					
	11/06/01	9:00	19.9	27.4	BMDL	3.7		140		188	1450		2	7.5	90	10		0.09			0.016	0.12	0.14	1.46	0.021		BMDL	7.75					520	21.2	1.55		1.69	BMDL		69		29	0.01	3.35				
	12/05/01	8:43	11.8	2		21	1.6	150		131	1160		BMDL	5.8	30	120		0.11			0.007	0.07	0.08	1.93	0.059		BMDL	7.65		12			608	21.5	2.04		2.12	0.08		2		4.1	BMDL					
	01/07/02	9:15	15.4	17.9		8	7.4	425		218	2030		BMDL	1.9	50	20			0.13		0.012	0.11	0.12	1.95	0.007		BMDL	7.7		19.6			738	16.4	2.08		2.2	0.14		123		35	BMDL					
	02/05/02	8:45	10.9	14.1		5	5.4	195		147	1880		4	6	BMDL	20		0.08			0.006	0.02	0.03	1.64		0.031	BMDL	7.63		9.9			608	19.6	1.72		1.75	0.08		33	11.8		BMDL					
	03/05/02	8:30	33.3	12.8	BMDL	6.1		242		235	1940		2	5.6	BMDL	10		0.07			0.007	0.01	0.02	1.83		0.021	BMDL	7.76		13.1			674	15.2	1.9		1.92	BMDL		92	13.3		BMDL					
	04/22/02	9:00	6.1	3.3		4	4	300		134	2310		BMDL	4.8	BMDL	10		0.19			0.008	0.02	0.03	2.41	0.025		BMDL	7.53		16.1			798	27.8	2.6		2.63	BMDL		19	1.62		BMDL					
	05/07/02	8:40	3.9	4.2		4	4.4	293		119	2240		BMDL	2.6	420	20		0.51			0.017	0.04	0.06	2.19	0.03		BMDL	7.42		17.3			740	26.2	2.7		2.76	BMDL		76	2		0.01	2.77				
	06/12/02	9:05	5.4	BMDL		BMDL	2.3	214		69.9	1280		BMDL	1.1	BMDL	20		0.32			0.04	0.12	0.16	1.84	0.021		BMDL	5.91		11.2			26.6	2.16		2.32	BMDL		9	1.28		BMDL						
	07/11/02	8:25	13.91	6.85	BMDL	6	2.8	BMDL	132	58	88	1140	BMDL	2	3.2	1260	1130	BMDL	0.08		BMDL	0.01	0.01	0.02	0.94	0.01		BMDL	7.29	BMDL	11.1		228	364	24.3	1.02		21	1.04	BMDL		7	1.6		BMDL			
	07/30/02	8:35	26.3	24.1	BMDL	6	4.9	BMDL	121	30	200	972	BMDL	BMDL	6	150	420	BMDL	0.08		BMDL	0.028	0.01	0.04	1.31	0.015		BMDL	7.33	BMDL	10.6		207	320	29.9	1.39		18	1.43	BMDL		BMDL	162	40		0.01		
	08/22/02	9:10	27.4	7.09	BMDL	5	4.5	BMDL	43	52	65.2	612	BMDL	BMDL	2.1	560	100	BMDL	0.52		BMDL	0.048	0.08	0.13	0.71	0.139		BMDL	7.1		6.6		161	237	27.4	1.23		11	1.36	BMDL		6		2.4	BMDL			
	09/04/02	8:45	33.7	12.1	49	6	7.8	BMDL	63	86	61.7	870	BMDL	3	1.4	60	210	BMDL	0.14		BMDL	0.026	0.12	0.15	0.91	0.055		BMDL	7.24	8	8.4		215	280	28.7	1.05		15	1.2		0.07	38		4.7	BMDL			
	09/25/02	9:10	33.6	21.6	47	BMDL	BMDL	BMDL	88	60	55.4	943	BMDL	2	3.9	150	30	BMDL	0.08		BMDL	0.007	0.01	0.02	0.92	0.022		BMDL	7.27	BMDL	9.8		246	302	28.1	1		15	1.02		BMDL		41		1.7	0.01		
	10/07/02	9:30	25.5	6.35	13	BMDL	2.8	BMDL	87	46	50	976	BMDL	2	2.8	BMDL	50	BMDL	0.15		BMDL	0.005	0.04	0.04	1.33	0.027		BMDL	7.36	BMDL	10.1		245		29.2	1.48		15	1.52		0.06	7		1.24	BMDL			
	11/14/02	9:27	BMDL	3.79	8	5	BMDL	BMDL	67	48	39.3	1580	BMDL	34	BMDL	BMDL	60		1.3	0.65		BMDL	0.028	0.09	0.12	0.89	0.043		BMDL	5.2		191	180	22.5	1.54		13	1.66		BMDL	BMDL		0.76	BMDL				

- Note 1: Metal standards are based