

RAMP Results Study #22

Samples collected at Polk County - Banana Lake on 11-8-00

NOTE: Agencies are listed in order of Sample Collection:

	SWFWMD	COT BSG	Polk Co.	Lee County	Cape Coral	EMD-MC	EPC-HC	USGS QWSU	Pinellas
TSS	SM 2540D	SM 2540D	SM 2540D	EPA 160.2	EPA 160.2	SM 2540D	EPA 160.2	I-3765-85	SM 2540D
mg/L			62		53		58.0	64.4	60
			62		52		67.0	65.7	60
			65		59		64.0	63.8	60
Average:	0	0	63	0	55	0	63	65	60
Turbidity	SM 2130B	SM 2130B	SM 2130B	EPA 180.1			EPA 180.1	I-3860-85	SM 2130B
NTU			36				32.8	29.9	37
			35				34.5	29.2	37
			36				34.3	29.2	36
Average:	0.0	0.0	35.7	0.0			33.9	29.4	36.7
Fluoride	EPA 340.2		SM 4500FC	EPA 340.2			EPA 340.2	I-2327-85	SM 4500FC
mg/L			0.667				0.760	0.62	0.66
			0.659				0.763	0.63	0.67
			0.655				0.778	0.59	0.67
Average:	0.00	0.00	0.66	0.00			0.77	0.61	0.67
Total Phos	EPA 365.1	SM 4500P B/E	EPA 365.4	EPA 365.1	EPA 365.2		EPA 365.1	I-4600-85	EPA 365.4
as P mg/L			0.965		0.91		1.16	0.94	1.06
			0.936		0.90		1.16	0.99	1.06
			0.955		0.90		1.18	0.99	1.06
Average:	0.00	0.00	0.95	0.00	0.90		1.17	0.97	1.06
Ortho Phos	SM 4500P	SM 4500PE	SM 4500PF	EPA 365.2		SM 4500PE	EPA 365.1	I-2601-85	SM 4500PF
as P mg/L			0.253				0.24	0.24	0.24
			0.255				0.25	0.25	
			0.254				0.25	0.25	
Average:	0.00	0.00	0.25	0.00		0.00	0.25	0.25	0.24
Ammonia	SM 4500NH3	Modified	SM 4500NH3H	EPA 350.1	EPA 350.2	780-86T	EPA 350.1	I-2522-85	SM 4500NH3H
as N mg/L			0.017		<0.1		0.08	0.013	<0.02
			0.013		<0.1		0.07	0.0121	<0.02
			0.017		<0.1		0.07	0.0113	<0.02
Average:	0.00	0.00	0.016	0.00	<0.1	0.00	0.07	0.01	<0.02
TKN			EPA 351.2	EPA 351.2	EPA 351.3	SM 4500N	EPA 351.2	EPA 351.2	EPA 351.2
mg/L			4.309		4.0		4.10	4.47	4.69
			4.358		3.2		3.96	4.57	4.62
			4.152		3.4		4.06	4.43	4.56
Average:	0.00	0.00	4.27	0.00	3.5	0.00	4.04	4.49	4.62
NO2+NO3	EPA 353.2		SM 4500NO3F	EPA 353.1	EPA 300.0	EPA 352.1; 354.1	EPA 353.2	I-2525-85	SM 4500NO3F
mg/L			<0.010		<0.2		0.010	<0.002	<0.02
			<0.010		<0.2		0.009	0.002	<0.02
			0.027		<0.2		0.009	0.002	<0.02
Average:	0.000	0.000	0.009	0.000	<0.2	0.000	0.009	0.001	<0.02
Chlorophyll	SM 1002G	Strickland	SM 10200H	SM 1002G	SM 10200H	EPA 445.0	SM 10200H	SM 10200H	SM 10200H
(Uncorrected)			127.14		119		220.0	153.25	74.5
ug/L			108.55		117		226.8	167.85	78.3
			116.96		120		222.4	178.31	77.1
Average:	0	0	118	0	119	0	223	166.47	76.6

(Corrected)