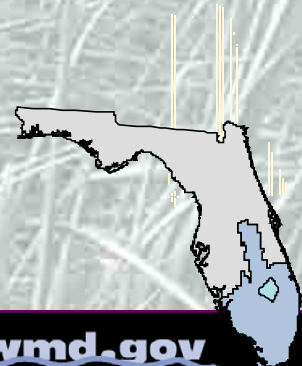


Quality Assessment Report for Water Quality Monitoring October - December 2002

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Specific Sites

Conservation Area Inflow and Outflows (CAMB)

S12A, S12B, S12C S12D, S333

Everglades National Park Inflow Monitoring (ENP)

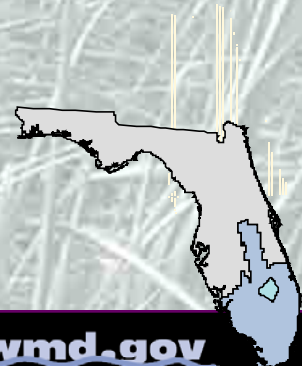
S175, S176, S177, S18C, S332, S332D

Everglades Protection Area (EVPA)

LOX3 to LOX16

Non-Everglades Construction Project (NECP)

S334



Equipment Blanks (EB)

0.002-0.004 = 33% of all CAMB and ENP Ebs collected

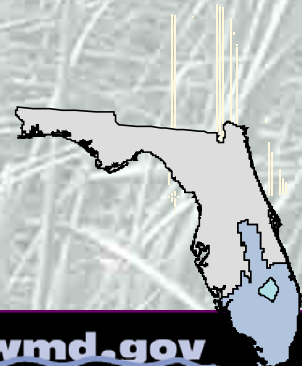
>0.004 = 0%

Field Cleaned Equipment Blanks (FCEB)

0.002-0.004 = 13% of all CAMB and ENP Ebs collected

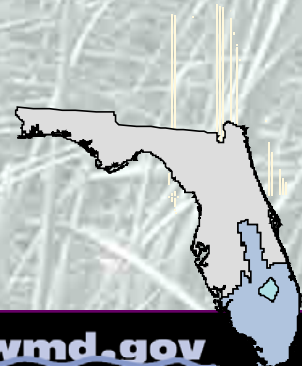
>0.004 = 1%

Field Replicates = all collection met field precision criteria



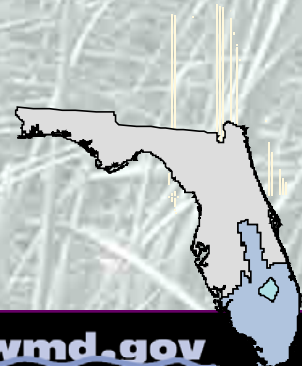
List of flagged data

Project	Date Collected	Station	Type	Flag Code	Comments
CAMB	1-Oct-02	S140	SAMP	J3	Possible Sample Contamination
	10-Oct-02	S39	SAMP	Y	Improper Preservation
	10-Oct-02	S39	SAMP	Y	Improper Preservation
	25-Nov-02	S11A	SAMP	V	Sample Associated with Positive FCEB
	25-Nov-02	S145	SAMP	V	Sample Associated with Positive FCEB
	25-Nov-02	S145	SAMP	V	FCEB >2XMDL



Results of TP split study between SFWMD and FDEP laboratories, 12/16/02.

Station	Sampling Date	Type	FDEP	SFWMD	(SFWMD-FDEP)	% RPD	Comments
			mg/L				
LOX4	12/16/02	FCEB	<0.004	<0.002	N/A	N/A	<PQL
S5AD	12/16/02	SS	0.23	0.206	-0.024	11	< 20% RPD
LOX3	12/16/02	SS	0.009	0.007	-0.002	25	<PQL
LOX5	12/16/02	SS	0.008	0.006	-0.002	28.6	<PQL
LOX6	12/17/02	SS	0.006	0.006	0	0	<PQL
LOX11	12/17/02	SS	0.008	0.007	-0.001	13.3	<PQL
LOX13	12/17/02	SS	0.008	0.007	-0.001	13.3	<PQL



Precision at 0.04-0.2 (mg/L)***based on actual sample or spiked sample**

Max	3.8
Mean	0.9
Std Dev	0.9
3xSD	2.6
UCL	3.5
n	224

Precision at 0.2-2 (mg/L)***based on actual sample or spiked sample**

Max	2.2
Mean	0.6
Std Dev	0.5
3xSD	1.4
UCL	2.0
n	71

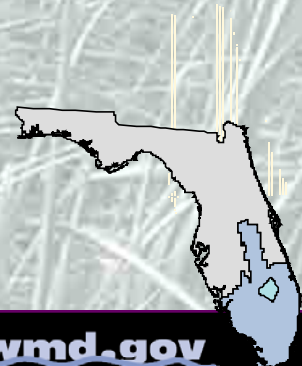


Fig. 7

Split Samples Cape Sable Seaside Sparrow FDEP vs SFWMD (0-20 ppb range)

$$y = 0.9168x + 0.0012$$

$$R^2 = 0.6696$$

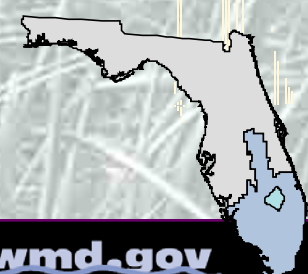
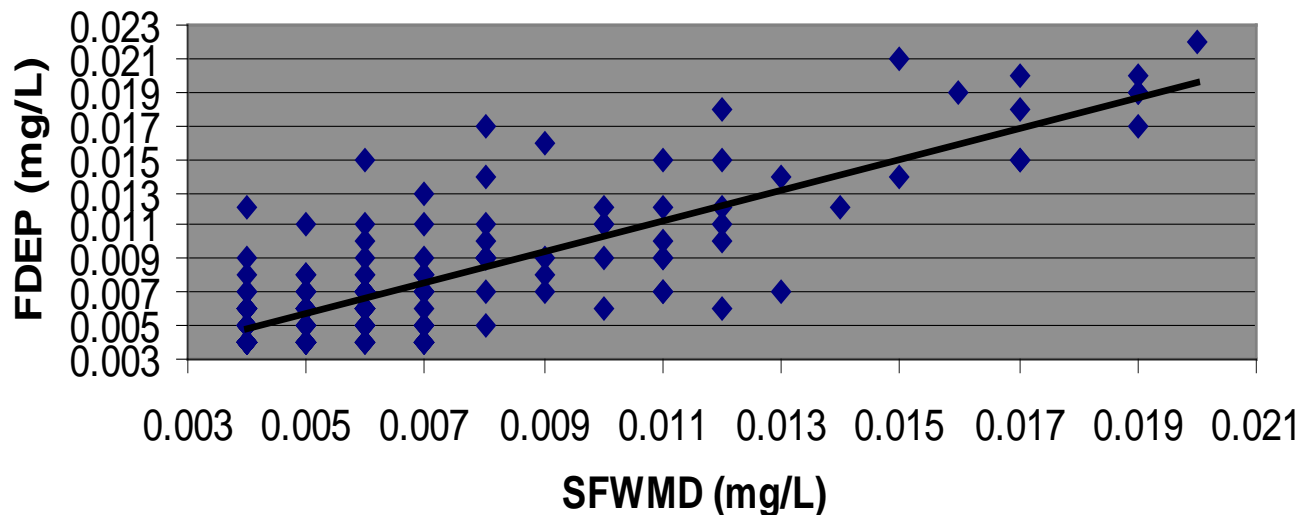


Fig. 8

**Split Samples Cape Sable Seaside Sparrow
FDEP vs SFWMD (20-50 ppb range)**

$$y = 0.8163x + 0.0054$$

$$R^2 = 0.8574$$

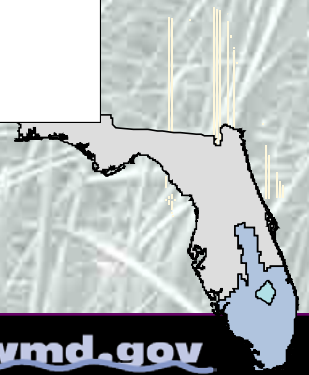
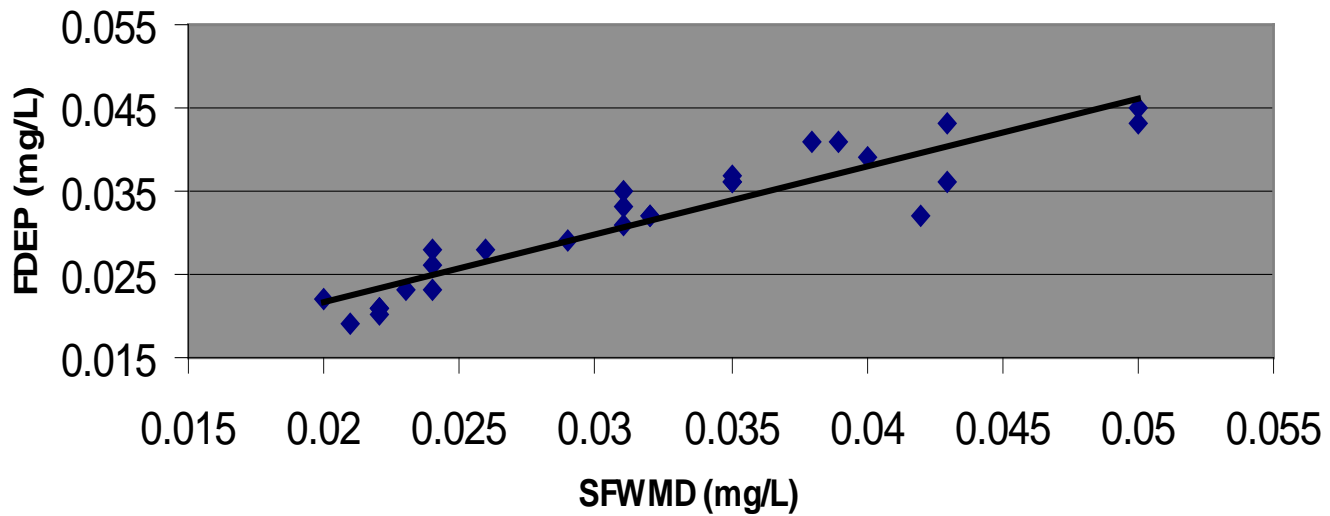


Fig. 9

Split Samples Cape Sable Seaside Sparrow FDEP vs SFWMD (50-200 ppb range)

$$y = 1.0755x - 0.0047$$

$$R^2 = 0.9947$$

