

FDEP South Regional Operations Center

PO Box 2549

Fort Myers, Florida 33902

(239) 344-5600

SAMPLING DATE: 10/18/2016

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WBID#	PARAMETER	TIME	ANALYST	Sample Depth	TEMP	DO	%SAT DO	COND	PH	Secchi	Total Depth	Matrix
RO#	Field ID Location/Name	UNIT	(Initials)	meters	°C	mg/L	%	whole #	1 decimal	1 decimal	meters	Fresh/S alt
STORET #	Collection date	STORET #		68	10	299	301	94	400	78		
Field ID#	G3SD0125	1125	GS	0.3	27.54	5.72	70.0	715	7.29	0.75	0.7	fresh
Location	Shell Cr. @ SR 31	Bottom if >1.5										
Field Conditions:												
F Field ID#	G3SD0124	1140	GS	0.3	27.67	5.11	64.4	805	7.37	0.6	0.7	fresh
L Location	Myrtle Slough @ SR 31	Bottom if >1.5										
C Field Conditions:												
F Field ID#	G3SD0123	1210	GS	0.3	28.35	5.88	75.6	453	7.2	0.7	0.7	fresh
L Location	Prairie Cr. @ SR 31	Bottom if >1.5										
C Field Conditions:												
F Field ID#	G3SD0122	1305	GS	0.3	27.89	6.40	78.9	164	6.74	0.9	0.9	fresh
L Location	Horse Cr. @ Kings Hwy	Bottom if >1.5										
C Field Conditions:												

Comments:

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[illegible]

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID:

KE93

RQ:

09-03-76/10-01-69

Project:

Shed/Catara

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

6/19/18

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro- meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Gary Sward	10/1/17	705	25.2	760	8.23	8.23	100	625		P/F	L/F
ICV	"	10/1/18	708	25.1	760	8.13	8.25	100	614		P/F	L/F
CCV	"	10/1/18	1315	27.65	760	7.88	7.98	1012	635		P/F	L/F
CCV	"										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Gary Sward	10/1/18	710	180522A	06/19	1000	1000	P/F	L/F
ICV	"	"	712	180522C	06/19	100	101	P/F	L/F
CCV	"	10/1/18	1520	180522A	06/19	1000	1003	P/F	L/F
CCV	"							P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Gary Sward	10/1/18	715	180674	02/20	6.994	26.2	7.00	-13.4	P/F	L/F
Calibr.	"	"	718	183218	7/20	4.00	26.6	3.99	161.6	P/F	L/F
Calibr.	"	"	719	181282	5/20	10.02	26.1	10.1	189.9	P/F	L/F
ICV	"	"	721	183218	7/20	4.00	26.5	4.0	161.7	P/F	L/F
CCV	Gary Sward	10/1/18	1522	181282	5/20	10.0	24.98	10.0	187.8	P/F	L/F
CCV	"									P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / **NO** / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: Deepers Blue; Date of last verification: 08/20/18

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air						P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: