

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

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

Meter ID: **+**

RQ: **2018-02-05-54**

Project: **SMP, Caloosa**

Creeks

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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) **FT 1400**

Date of last Temperature Verification

1/8/18

DO	Name	Date	Time	Temp	D.O. Chart	Meter D.O.	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
DEP SOP FT 1500			CT-ET		mg/L	mg/L					
Calibr.	N. R21STAD	01/05/18	6315	25.4	8.20	8.20	100	58.4	0.9353	(P) F	(L) F
ICV	11	11	0719	25.5	8.19	8.15	99.4	58.4		(P) F	(L) F
CCV	S. COFFORD	02/05/18	R045	Z1.4	8.8	8.9	100	59		(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; DO charge N/A.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond.	Name	Date	Time	Lot #	Expir. Date	Standard	Meter Reading	Pass / Fail	Lab / Field
FT 1200			CT-ET			µmhos/cm	µmhos/cm		
Calibr.	N. R21STAD	01/05/18	0723	171211C	12/18	1000	1000	(P) F	(L) F
ICV	11	11	6725	170828	09/18	100	100	(P) F	(L) F
CCV	S. COFFORD	02/05/18	1646	270659	05/19	50000	49,885	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time	Lot #	Expir. Date	pH Buffer	Meter reading	mV	Pass / Fail	Lab / Field
			CT-ET			SU	SU			
Calibr.	N. R21STAD	01/05/18	0724	176157	8/19	7.0	7.0	-34.3	(P) F	(L) F
Calibr.	11	11	0730	176044	8/19	4.0	4.0	-140.2	(P) F	(L) F
Calibr.	11	11	6733	172902	4/19	10.0	10.0	-211.2	(P) F	(L) F
ICV	11	11	0735	176044	8/19	4.0	3.9	-147.8	(P) F	(L) F
CCV	S. COFFORD	02/05/18	1656	172962	4/19	10.0	10.0	-212	(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 ± 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)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification _____

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

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

COMMENTS: