

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: SNEK

RQ: 2019-10-07-06

Project: Caloosa Creek

- 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 10/1/2019

DO DEP SOP FT 1500	Name	Date	Time GT-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.	Miranda Carroll	10/7/19	0726	24.2	752.4	8.3	8.3	99.0			P/F	L/F
ICV	"	"	0728	24.2	752.4	8.3	8.3	98.9			P/F	L/F
CCV	"	"	1605	24.9	750.0	8.2	8.18	98.9			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 GT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Miranda Carroll	10/7/19	0733	2909939	8/21	1000	1000	P/F	L/F
ICV	"	"	0735	2905F63	5/21	100	99.9	P/F	L/F
CCV	"	"	1407	2811E60	11/20	50,000	49783	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time GT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Miranda Carroll	10/7/19	0744	191304	3/21	7.649	25.7	7.00	-32.5	P/F	L/F
Calibr.	"	"	0746	193247	5/21	4.01	25.9	4.00	-148.2	P/F	L/F
Calibr.	"	"	0751	192995	5/21	10.00	26.1	9.99	-214.0	P/F	L/F
ICV	"	"	0753	193247	5/21	4.00	25.9	3.96		P/F	L/F
CCV	"	"	1409	192995	5/21	10.02	24.7	10.00		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: 3312B; Date of last verification: 6/18/19

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time GT-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: