

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:

The One

RQ:

2023-4610-03

Project:

Calusa Creek Channel

- 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

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Barometer mmHg	D.O. Chan mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Thomas Baker	04/25/23	0704	22.2	759.3	8.7	8.70	99.9			P/F	L/F
ICV	Thomas Baker	04/25/23	0705	22.2	759.1	8.7	8.70	99.9			P/F	L/F
CCV	Conifer	4/25/23	1611	26.7	758.0	8.0	7.94	99.6			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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Thomas Baker	04/25/23	0711	4207490	7/24	2500	2500	P/F	L/F
ICV	Thomas Baker	04/25/23	0712	2205108	5/24	10000	9928	P/F	L/F
CCV	Conifer	4/25/23	1620	2207695	7/24	100	101.8	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1300	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Thomas Baker	04/25/23	0713	2205654	5/24	7.01	22.5	7.01		P/F	L/F
Calibr.	Thomas Baker	04/25/23	0717	1210718	9/24	4.00	22.7	4.00		P/F	L/F
Calibr.	Thomas Baker	04/25/23	0720	2208261	2/24	10.03	22.3	10.03		P/F	L/F
ICV	Thomas Baker	04/25/23	0722	1210718	9/24	4.00	22.5	4.00		P/F	L/F
CCV	Conifer	4/25/23	1625	2208201	2/24	10.00	22.4	10.03		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)

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: Slippery Disk Date of last verification: 02/01/23

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.

REMARKS: