

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: 2023-05-08-03

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 04/19/23

DO FDEP 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.	Thomas Baker	05/11/23	0658	22.3	761.8	8.7	8.71	100.2		1.054	Ⓟ / F	Ⓟ / F
ICV	Thomas Baker	05/11/23	0658	22.4	761.8	8.7	8.71	100.3			Ⓟ / F	Ⓟ / F
CCV	Cypher	5/11/23	1230	25.4	762.2	8.4	8.44	102.6			Ⓟ / F	Ⓟ / 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	05/11/23	0704	4207M90	7/24	2500	2500	Ⓟ / F	Ⓟ / F
ICV	Thomas Baker	05/11/23	0705	2207G95	7/24	100	101.9	Ⓟ / F	Ⓟ / F
CCV	Cypher	5/11/23	1232	4207M90	7/24	2300	2483	Ⓟ / F	Ⓟ / F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP SOP FT 1600	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Thomas Baker	05/11/23	0709	2208G34	8/24	7.01	22.6	7.01		Ⓟ / F	Ⓟ / F
Calibr.	↓	↓	0711	1210718	9/24	4.00	22.6	4.00		Ⓟ / F	Ⓟ / F
Calibr.	↓	↓	0713	230217D	8/24	10.03	22.8	10.03		Ⓟ / F	Ⓟ / F
ICV	Thomas Baker	05/11/23	0714	1210718	9/24	4.00	22.5	3.96		Ⓟ / F	Ⓟ / F
CCV	Cypher	5/11/23	1234	230217D	8/24	10.0	22.9	9.92		Ⓟ / F	Ⓟ / 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 Dicks 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.

COMMENTS: