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

Meter ID: The One RQ- 2023-06-05-06 Project: Caloosa Creeks

RQ-2023-05-29-06 PLAN-Research

Boldly "X" this box if there a qualified data this page.

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 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.	Thomas Baker	06/05/23	0706	21.9	756.6	8.7	8.74	99.6		1.028	(P) / F	(L) / F
ICV	Thomas Baker	06/05/23	0707	21.8	756.6	8.7	8.74	99.6			(P) / F	(L) / F
CCV	Thomas Baker	06/05/23	1407	26.1	757.3	8.0	7.97	99.3			(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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Thomas Baker	06/05/23	0709	4207H20	07/24	2500	2500	(P) / F	(L) / F
ICV	Thomas Baker	06/05/23	0711	2207G95	07/24	1000	102.3	(P) / F	(L) / F
CCV	Thomas Baker	06/05/23	1409	2205H08	5/24	12880	9948	(P) / F	(L) / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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.	Thomas Baker	06/05/23	0716	2208G34	8/24	7.02	21.4	7.02	-44.8	(P) / F	(L) / F
Calibr.	↓	↓	0717	2301E12	1/25	4.00	21.6	4.00	135.3	(P) / F	(L) / F
Calibr.	↓	↓	0718	2302H13	8/24	10.04	21.5	10.04	-206.7	(P) / F	(L) / F
ICV	Thomas Baker	06/05/23	0720	2301E22	1/25	4.00	28.7	3.99		(P) / F	(L) / F
CCV	Thomas Baker	06/05/23	1411	2302H13	8/24	10.04	21.9	10.02		(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 10 162.1, slope from 4 to 7 180.1 (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: Stingray 2 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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: