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: Stitch RQ- 2023-10-23-16 Project: Suwannee East

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 09/08/2023

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.	K-Halbert	10/24/23	743	22.2	766.3	8.8	—	100.5	—	1.068	(P) / F	(L) F
ICV	K-Halbert	10/24/23	748	22.0	766.4	8.8	8.81	100.8	—	1.068	(P) / F	(L) F
CCV	JPamsh	10/24/23	937	22.8	766	8.80	8.68	100.8	—	—	(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.	K-HalberA	10/24/23	750	230612B	06/2024	1000	1000	(P) / F	(L) F
ICV	K-Halbert	10/24/23	754	230131A	02/2024	100	100.1	(P) / F	(L) F
CCV	JPamsh	10/24/23	1538	220728B	11/2023	1413	1413	(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.	K-Halbert	10/24/23	756	M241-15	9/1/24	7.01	22.5	7.01	-13.6	(P) / F	(L) F
Calibr.	K-Halbert	10/24/23	758	43041354	4/3/25	4.00	22.6	4.00	161.4	(P) / F	(L) F
Calibr.	K-Halbert	10/24/23	800	M334-14	11/29/24	10.02	22.6	10.02	-185.9	(P) / F	(L) F
ICV	K-Halbert	10/24/23	802	43041354	4/3/25	4.00	22.6	4.03	159.9	(P) / F	(L) F
CCV	JPamsh	10/24/23	1540	M334-14	11/29/24	10.00	22.6	10.10	-191	(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 10 172.3, slope from 4 to 7 175.0 (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: 09/08/2023
If **NO**, what will be used? (circle one) **Secchi Disk Line / Sonar** Unique ID: _____; Date of last verification: _____

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	K-HalberA	10/24/23	805	0.000	0.000	(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: