

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: Pro Move

RQ: 2021-11-22-33

Project: Myakka Cricks
Continuous-Imperial

RQ-2021-11-15-44

- 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 08/16/21

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 Bake	11/22/21	0654	24.3	756.0	8.3	8.35	99.5		1.053	(P) F	(L) F
ICV	"	11/22/21	0700	24.2	756	8.3	8.35	99.5			(P) F	(L) F
CCV	Thomas Bake	11/22/21	1341	24.0	755.4	8.4	8.35	99.2			(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 Bake	11/22/21	0700	1106354	6/23	10000	10000	(P) F	(L) F
ICV	"	11/22/21	0703	1107655	5/23	5000.0	50486	(P) F	(L) F
CCV	Thomas Bake	11/22/21	1342	2110762	4/23	100	96.1	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

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 Bake	11/22/21	0709	2107600	7/23	7.00	24.6	7.01	-43.4	(P) F	(L) F
Calibr.	"	"	0712	2110740	9/23	4.01	24.6	4.00	135.8	(P) F	(L) F
Calibr.	"	"	0716	2109476	3/23	10.01	24.5	10.01	-217.2	(P) F	(L) F
ICV	Thomas Bake	11/22/21	0720	2110740	4/23	4.01	24.5	3.98		(P) F	(L) F
CCV	Thomas Bake	11/22/21	1348	2109476	3/23	10.02	23.6	10.09		(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 10 173.8, slope from 4 to 7 179.2 (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: DEEP BLUE; Date of last verification: 08/16/21

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: