

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- 2021-06-28-12

Project: Myatka Cricks

- 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 5/18/21

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 Baker	07/11/21	0702	23.1	757.5	8.5	8.54	99.7		1.05	(P) / F	(L) / F
ICV	Thomas Baker	07/11/21	0703	23.1	757.7	8.5	8.54	99.7			(P) / F	(L) / F
CCV	Nicole Reistad	07/10/21	1553	23.3	757.2	8.5	8.51	99.8			(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 1280	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Thomas Baker	7/11/21	0704	1010077	10/22	10000	10000	(P) / F	(L) / F
ICV	Thomas Baker	07/10/21	0710	1009984	8/22	2500	2536	(P) / F	(L) / F
CCV	Nicole Reistad	07/10/21	1549	2011E43	11/22	50,000	49,349	(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 Baker	07/10/21	712	2102457	02/23	7.00	23.6	7.00		(P) / F	(L) / F
Calibr.	Thomas Baker	07/10/21	713	2104460	3/23	4.01	23.5	4.01		(P) / F	(L) / F
Calibr.	Thomas Baker	07/10/21	715	1102821	7/22	10.02	23.5	10.02		(P) / F	(L) / F
ICV	Thomas Baker	07/10/21	716	2104460	3/23	4.01	23.5	3.98		(P) / F	(L) / F
CCV	Nicole Reistad	07/10/21	1551	1102821	07/22	10.03	22.8	9.99		(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 _____, 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: DEEP 1314 Date of last verification: 02/11/21

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: