

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- 2021-08-30-41 Project: SMP: Lee Coastal

- 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.	William Muller	08/31/21	0714	22.7	755.7	8.6	8.60	99.7		1.056	(P)/F	(L)/F
ICV	William Muller	08/31/21	0717	22.7	755.6	8.6	8.60	99.7			(P)/F	(L)/F
CCV	William Muller	08/31/21	1256	27.3	755.9	7.9	7.44	100.2			(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.	William Muller	08/31/21	0718	2011E43	11/22	50,000	50,000	(P)/F	(L)/F
ICV	William Muller	08/31/21	0720	1009989	08/22	2500	2576	(P)/F	(L)/F
CCV	William Muller	08/31/21	1257	2011E43	11/22	50,000	50,131	(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.	William Muller	08/31/21	0723	2104575	04/23	7.00	24.3	7.00		(P)/F	(L)/F
Calibr.	William Muller	08/31/21	0726	4105A28	04/23	4.01	24.1	4.01		(P)/F	(L)/F
Calibr.	William Muller	08/31/21	0731	4102F52	08/22	10.02	24.1	10.02		(P)/F	(L)/F
ICV	William Muller	08/31/21	0733	4105A28	04/23	4.01	23.9	3.96		(P)/F	(L)/F
CCV	William Muller	08/31/21	1259	4102F52	08/22	10.02	22.8	10.03		(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: 08/16/21

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: