

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- 2021-07-12-4

Project: Way up there

- 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 05/18/21

DO FDEP 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	07/12/21	0709	24.0	760.5	8.4	8.40	100.1		1.03	P/F	L/F
ICV	Thomas Baker	07/12/21	0709	24.7	760.0	8.3	8.29	99.8			P/F	L/F
CCV	Nicole Reistad	07/12/21	1654	23.8	761.1	8.5	8.35	98.6			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 Baker	07/12/21	0706	1010177	01/22	10000	10000	P/F	L/F
ICV	Thomas Baker	07/12/21	0708	1009984	8/22	2508	2528	P/F	L/F
CCV	Nicole Reistad	07/12/21	1650	1106A32	05/23	2500	106.0	P/F	L/F
CCV		07/12/21				100		P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP 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	07/12/21	0710	2102H57	02/23	7.6.99	25.0	7.00	-30.2	P/F	L/F
Calibr.			0711	2104A60	03/23	4.01	24.8	4.01	152.0	P/F	L/F
Calibr.			0713	4102F52	08/22	10.0	24.7	10.0	-199.4	P/F	L/F
ICV	Thomas Baker	07/12/21	0715	2104A60	03/23	4.01	24.7	4.02		P/F	L/F
CCV	Nicole Reistad	07/12/21	1652	4102F52	08/22	10.02	23.5	10.13		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 10 182.4, slope from 4 to 7 182.2 (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: 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: