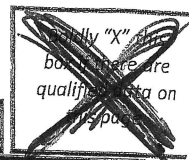


CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: 155077

RQ: 2023-05-08-46

Project: SMP



- Note: (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 _____

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.	Hannah H.	5/8	733	20.3	762.4	8.8	9.1	100.6		1.1506	P/F	L/F
ICV	Hannah H.	1	742	20.0	762.4	9.1	9.15	100.3			P/F	L/F
CCV	B. Olin	1	1346	22.3	762.7	8.8	9.3	105.9			P/F	L/F
CCV				21.9							P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75. 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.	Hannah H.	5/8	743	220413B	11/1/23	10,000	9999	P/F	L/F
ICV	Hannah H.	5/8	748	221221B	01/24	1,000	1007	P/F	L/F
CCV	B. Olin	1	1355	221221A	1/24	100	100	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.	Hannah H.	5/8	751	1LD0599	12/23	7.	21.2	7.08	-25.0	P/F	L/F
Calibr.	Hannah H.	5/8	753	1LJ0499	12/23	4.	21.1	3.90	147.3	P/F	L/F
Calibr.	Hannah H.	5/8	755	1LF0738	8/23	10.	21.2	9.9	-188.9	P/F	L/F
ICV	Hannah H.	5/8	757	1LJ0499	12/23	4	21.2	4.04	145.1	P/F	L/F
CCV	B. Olin	1	1357	1LF0738	8/23	10	21.4	10.0	-188.2	P/F	L/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____, mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

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: _____; 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	Hannah H.	5/8	758	0.00	0.00	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: