

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: 154179

RQ: 2020-12-07-59

Project: Smp

- 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 10/13/20

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.	S. Hode	12/9/20	0715	20.0	766.8	9.2	9.18	100.0	—	—	P/F	L/F
ICV	S. Hode	12/9/20	0717	20.0	766.8	9.2	9.18	100.0	—	—	P/F	L/F
CCV	S. Hode	12/9/20	1530	21.9	764	8.6	8.82	100.3	—	—	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.	S. Hode	12/9/20	0719	190618B	01/2021	5000	5000	P/F	L/F
ICV	S. Hode	12/9/20	0721	200124B	02/2021	1000	992	P/F	L/F
CCV	S. Hode	12/9/20	1532	201013A	10/2021	100	102.8	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.	S. Hode	12/9/20	0729	2904B82	03/2021	7.1	18.9	7.01	-175	P/F	L/F
Calibr.	S. Hode	12/9/20	0731	203620	06/2022	4.	19.6	4.08	-160.5	P/F	L/F
Calibr.	S. Hode	12/9/20	0733	201473	05/2022	10.07	19.3	10.07	-193.2	P/F	L/F
ICV	S. Hode	12/9/20	0735	203620	06/2022	4.0	19.3	3.93	-166.6	P/F	L/F
CCV	S. Hode	12/9/20	1534	201473	05/2022	10.0	20.2	10.01	-193.0	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 10 174.7, slope from 4 to 7 178 (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: 10/13/20

Date of last verification: