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: 532854 Date: 2021-01-11 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 2400 Date of Last Temperature Verification 12/30/20

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.	Jon Wood	1/22/21	804	19.8	760.0	9.1	9.14	100.1	—	1.06	P / F	L / F
ICV	"	"	817	19.0	760.0	9.3	9.26	99.2	—	—	P / F	L / F
CCV	J. Schmidt	"	1330	20.7	757.4	8.9	9.00	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 2SS 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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Jon Wood	1/22/21	807	191200	3/2021	1000	1000	P / F	L / F
ICV	"	"	814	2911C93	11/2021	100	103.3	P / F	L / F
CCV	J. Schmidt	"	1332	2911C93	11/21	100	104.0	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1000	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Jon Wood	1/22/21	805	2009078	10/2021	7.02	19.2	7.03	-53.0	P / F	L / F
Calibr.	"	"	810	2002218	9/2021	4.00	19.4	4.00	114.1	P / F	L / F
Calibr.	"	"	811	2009078	10/2021	10.06	18.9	10.04	-219.8	P / F	L / F
ICV	"	"	820	"	"	10.07	18.2	10.10	-221.1	P / F	L / F
CCV	J. Schmidt	"	1334	2002218	09/21	4.00	19.7	3.83	123.7	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 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 166.5, slope from 4 to 7 167.1 (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: 12/30/20
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	Jon Wood	1/22/21	810	0.00	0.00	P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

Form effective August 1, 2018