

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

Do not check this box unless you are a qualified person in this name.

Meter ID: 113529 RQ: 2017-12-11-28 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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site _____
Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 9/29/17

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.										P / F	L / F
ICV										P / F	L / F
CCV	MIKE KING	12/5/17	0715	22.71	8.627	8.63	100.0			(P) F	(L) F
CCV	FRANK BUTERA	12/5/17	1414	22.28	8.633	8.66	99.4			(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; 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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	m	12/5	0716	2707A64	07/2019	10000	10000	P / F	(L) F
ICV	m	12/5	0717	KCL17-4	9/20/18	1413	1411	(P) F	(L) F
CCV								P / F	L / F
CCV	F BUTERA	12/5	1415	2703996	2/2019	100	123	(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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	m	12/5	0720	2610G63	10/2018	7.0	7.0	36.4	P / F	(L) F
Calibr.	m	12/5	0721	2611F83	10/2018	4.0	4.0	142.1	P / F	(L) F
Calibr.	m	12/5	0723	2611F79	05/2018	10.0	10.0	204.1	P / F	(L) F
ICV	m	12/5	0725	2611F83	10/2018	4.0	4.02		(P) F	(L) F
CCV					10/2018				P / F	L / F
CCV	F BUTERA	12/5	1415	2610G63	10/2018	7.0	7.02		(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 10 167.7, slope from 4 to 7 178.5 (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth 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						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: