

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

Boldly "X" this box if there is qualified data on this page.

Meter ID: 7

RQ: 2018-01-08-48

Project: CALOOSA CREEKS

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 9/28/17

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.	JOHN BARRINGTON	1/8/18	0745	23.0	8.9	8.9	100	53.3	0.93	(P) F	(L) F
ICV	JOHN BARRINGTON	1/8/18	0746	26.7	8.0	8.0	100	50.2	—	(P) F	(L) F
CCV	JOHN BARRINGTON	1/8/18	1138	19.3	9.2	9.3	108	48.2	—	(P) F	(L) F
CCV										P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; 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.	JOHN BARRINGTON	1/8/18	0720	171211D	12/18	500	501	(P) F	(L) F
ICV	JOHN BARRINGTON	1/8/18	0722	1708213	9/18	100	104	(P) F	(L) F
CCV	JOHN BARRINGTON	1/8/18	1140	170421A	5/18	10,000	10345	(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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	JOHN BARRINGTON	1/8/18	0730	1734126	5/19	7.0	7.0	-31.5	(P) F	(L) F
Calibr.	JOHN BARRINGTON	1/8/18	0732	176044	8/19	4.0	4.0	131.1	(P) F	(L) F
Calibr.	JOHN BARRINGTON	1/8/18	0734	172902	4/19	10.0	10.0	-211.6	(P) F	(L) F
ICV	JOHN BARRINGTON	1/8/18	0736	176044	8/19	4.0	4.0	131.1	(P) F	(L) F
CCV	JOHN BARRINGTON	1/8/18		172902	4/19	10.0	10.1	-214.1	(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 _____, slope from 4 to 7 _____ (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: