

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 name.

Meter ID: KEYS

RQ- LEE COUNTY

Project: CCHMN

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

12/4/17

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	1/29/18	0725	21.5	8.3	8.4	100	60.4	1.07	(P) F	(L) F
ICV	JOHN BARRINGTON	1/29/18	0728	24.3	8.4	8.4	100	61.4		(P) F	(L) F
CCV	Nicole Reister	01/29/18	1624	24.6	8.325	8.54				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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	JOHN BARRINGTON	1/29/18	0730	170728C	8/18	10000	10000	(P) F	(L) F
ICV	JOHN BARRINGTON	1/29/18	0732	171211C	12/18	1000	1045	(P) F	(L) F
CCV	Nicole Reister	01/29/18	1622	2706591	5/19	50,006	49418	(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	1/29/18	0736	176157	8/19	7.0	7.0	-15.7	(P) F	(L) F
Calibr.	JOHN BARRINGTON	1/29/18	0738	176044	8/19	4.0	4.0	161	(P) F	(L) F
Calibr.	JOHN BARRINGTON	1/29/18	0740	172902	4/19	10.0	10.0	-193.7	(P) F	(L) F
ICV	JOHN BARRINGTON	1/29/18	0742	176044	8/19	4.0	3.9	162	(P) F	(L) F
CCV	Nicole Reister	01/29/18	1615	172902	4/19	10.0	10.1	-198.3	(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 10 178, slope from 4 to 7 176.7 (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: