

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: 5 RQ: 10-30-02 Project: 5MP - LEE CO. STREAMS

- 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.	Chase Conley	11/13/17	0830	24.5	8.3	8.3	100	55		☒ F	☒ F
ICV	Chase Conley	11/13/17	0832	24.5	8.3	8.4	100	56		☒ F	☒ F
CCV	Chase Conley	11/13/17	1105	21.9	8.3	8.1	100	51.0		P / F	L / F
CCV	M. DUGAN	11/14/17	0828	24.4	8.35	8.63	103	54.3		☒ F	☒ 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.	Chase Conley	11/13/17	0835	170728A	8/18	1000	999	☒ F	☒ F
ICV	Chase Conley	11/13/17	0837	170828	09/18	100	103	☒ F	☒ F
CCV	M. DUGAN	11/13/17	1458	170421A	03/18	10,000	10,005	☒ F	☒ 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.	Chase Conley	11/13/17	0840	173426	5/19	7.0	7.0	-51	☒ F	☒ F
Calibr.	STICK COCA	11/13/17	0841	173425	5/19	4.0	4.0	124	☒ F	☒ F
Calibr.	"	"	0842	172902	4/19	10.0	10.0	-229	☒ F	☒ F
ICV	"	"	0843	172902	4/19	10.0	10.0	-227	☒ F	☒ F
CCV	M. DUGAN	11/13/17	1801	173426	05/19	7.0	7.1	-35.7	☒ F	☒ 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: