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

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

Meter ID: Kor5 RQ- 2018-05-07-04 Project: CAUOOSA LT

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 3/22/18

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	5/10/18	0700	24.03	8.42	8.39	99.5	—	—	P / F	L / F
ICV	JOHN BARRINGTON	5/10/18	0702	23.93	~~23.93~~ 8.43	8.38	99.7	—	—	P / F	L / F
CCV	S COFORE	5/10/18	1635	25.2	8.23	8.52	104.0	—	—	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; 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.	JOHN BARRINGTON	5/10/18	0704	171214	12/18	10000	10000	P / F	L / F
ICV	JOHN BARRINGTON	5/10/18	0707	180832B	4/19	1000	975	P / F	L / F
CCV	JOHN BARRINGTON	5/10/18	1640	180324D	9/19	50,000	49522	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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	5/10/18	0709	171435	10/19	7.0	6.99	—	P / F	L / F
Calibr.	JOHN BARRINGTON	5/10/18	0711	180210	9/19	4.0	4.00	—	P / F	L / F
Calibr.	JOHN BARRINGTON	5/10/18	0713	176507	9/19	10.0	10.00	—	P / F	L / F
ICV	JOHN BARRINGTON	5/10/18	0715	180210	9/19	4.0	3.94	—	P / F	L / F
CCV	JOHN BARRINGTON	5/10/18	1642	176507	9/19	10.0	9.99	—	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 ____, 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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: