

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:

#18

Project:

~~Calusa Creek~~ Calusa Long Term

RP-2017-08-07-07

- Notes: (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (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

8/7/2017

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	8/8/17	0715	25.3	8.2	8.2	100	52		P	E
ICV	Chase Conley	8/8/17	0718	25.2	8.2	8.2	100			P	E
CCV	Chase Conley	8/8/17	1137	25.6	8.2	8.3	101				
CCV	Rosemary Murphy	8/8/17	1557	28.7	7.7	7.7	101.1			P	L

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

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.	Chase Conley	8/8/17	0720	170412A	4/18	500	498	P	L
ICV	Chase Conley	8/8/17	0721	170421B	5/18	100	104	P	L
CCV	Chase Conley	8/8/17	1140	170421A	5/18	10000	9916	P	L
CCV	Rosemary Murphy	8/8/17	1559	2706501	5/18	10005000	47814	P	L

Report specific conductance as a whole number with no decimal figure.

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	8/8/17	0722	167801	12/18	7.0	7.0	8	P	L
Calibr.	Chase Conley	8/8/17	0724	171629	4/19	4.0	4.0	81	P	L
Calibr.	Chase Conley	8/8/17	0726	170903	2/19	10.0	10.0	-63	P	L
ICV	Chase Conley	8/8/17	0728	170903	2/19	10.0	10.0	-64	P	L
CCV	Chase Conley	8/8/17	1145	171629	4/19	4.0	4.1	166	P	L
CCV	Rosemary Murphy	8/8/17	1601	171629	4/19	4.0				

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 50; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater