

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

Meter ID: Pro Moves

RQ- 2019-09-16-610

Project: Little Bonnet Lake
Myakka Lake

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

- 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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 6/18/19

DO DEP SOP FT 1500	Name	Date	Time GT-ET	Temp °C	Baro meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Chase Conley	9/10/19	0725	23.7	754.2	8.4	8.4	99.3	/	1.02323	P/F	L/F
ICV	Chase Conley	9/10/19	0727	23.6	754.2	8.4	8.4	99.4	/	/	P/F	L/F
CCV	Nicole Reistad	09/17/19	1532	23.8	753.0	8.4	8.31	98.3	/	/	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 (Pro DSS 0.75 to 1.50); 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 GT-ET	Lot #	Expir Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Chase Conley	9/17/19	0730	2904947	3/21	1000	999	P/F	L/F
ICV	Chase Conley	9/17/19	0735	2907F48	7/21	498.500	498.3	P/F	L/F
CCV	Nicole Reistad	09/17/19	1527	2905F63	05/21	100	97.2	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time GT-ET	Lot #	Expir Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Chase Conley	9/17/19	0735	191304	03/21	7.0	24.2	7.01	-64.4	P/F	L/F
Calibr.	Chase Conley	9/17/19	0737	193247	5/21	4.0	26.0	4.01	113.4	P/F	L/F
Calibr.	Chase Conley	9/17/19	0740	191735	4/21	10.01	24.4	10.01	-243.9	P/F	L/F
ICV	Chase Conley	9/17/19	0742	193247	5/21	4.00	25.8	3.97		P/F	L/F
CCV	Nicole Reistad	09/17/19	1529	191735	04/21	10.023	23.5	10.13		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 10 179.5;

slope from 4 to 7 177.8;

(both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES NO NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 06/18/19 NR

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: Deep Blue; Date of last verification: 06/18/19

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time GT-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: