

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: SNEK

RQ: 2018-07-09-30

Project: SMP - Sarasota County

- 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 06/19/2018

DO FDEP 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.	Nicole Reistad	07/16/18	0711	25.3	8.218	8.25	100			(P) F	(L) F
ICV	//	//	0712	25.3	8.218	8.24	100			(P) F	(L) F
CCV	//	//	1602	24.8	8.294	8.30	100			(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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Nicole Reistad	07/16/18	0717	171211A	12/18	10,000	10,000	(P) F	(L) F
ICV	//	//	0721	180522A	06/19	1,000	983	(P) F	(L) F
CCV	//	//	1603	180321C	04/19	100	104	(P) F	(L) F
CCV	//	//	1605	180321D	04/19	50,000	49,545	(P) F	(L) F

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Nicole Reistad	07/16/18	0724	177435	10/19	7.0	7.00	8.1	(P) F	(L) F
Calibr.	//	//	0726	180710	02/20	4.0	4.00	187.5	(P) F	(L) F
Calibr.	//	//	0729	178540	12/19	10.0	10.00	187.3	(P) F	(L) F
ICV	//	//	0730	178540	12/19	10.0	10.04		(P) F	(L) F
CCV	//	//	1608	180710	02/20	4.0	4.06		(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 10 195.4, slope from 4 to 7 179.4 (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: