

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

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

Meter ID: Res Canadon

RQ- 1022-06-13-35

Project: SNP: Everglades

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 04/14/27

DO DEP SOP FT 1500	Name	Date	Time CT-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.	William Muller	06/16/22	0655	28.4	763.3	8.2	8.20	100.2		1.013	P/F	L/F
ICV	William Muller	06/16/22	0658	25.6	763.3	8.2	8.19	100.2			P/F	L/F
CCV	William Muller	06/16/22	1616	27.7	762.3	7.9	7.70	97.7			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 (Pro DSS 0.75 to 1.50); 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.	William Muller	06/16/22	0700	220309	03/23	50,000	50,000	P/F	L/F
ICV	William Muller	06/16/22	0704	1107987	07/23	10,000	10,143	P/F	L/F
CCV	William Muller	06/16/22	1617	220304	03/23	50,000	50,181	P/F	L/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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	William Muller	06/16/22	0705	242697	11/23	7.00	25.3	7.00		P/F	L/F
Calibr.	William Muller	06/16/22	0708	2203624	03/24	4.01	25.3	4.01		P/F	L/F
Calibr.	William Muller	06/16/22	0711	4202048	07/23	10.06	25.7	10.00		P/F	L/F
ICV	William Muller	06/16/22	0714	2203624	03/24	4.01	25.3	4.00		P/F	L/F
CCV	William Muller	06/16/22	1620	4202648	07/23	10.63	23.0	10.06		P/F	L/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 $\pm$ 50; mV pH 4 Range +180 $\pm$ 50; mV pH 10 Range -180 $\pm$ 50;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (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: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: 3312A; Date of last verification: 02/24/22

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: