

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: President Camacho

RQ: 2022-03-07-36

Project: 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 4/14/22

DO DEP SOP FT 1500	Name	Date	Time	Temp	Baro-meter	D.O. Offset	Meter D.O.	%DO	Probe	Probe	Pass	Lab
Calibr.	Monica Jaeger	4/28/22	640	25.3	761.5	8.2	8.23	100.2		1.018	P/F	L/F
ICV	"	"	641	25.4	761.4	8.2	8.23	100.2			P/F	L/F
CCV	"	"	1555	26.9	760.5	8.0	7.94	99.7			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. Gain FT 4000	Name	Date	Time	Temp	Baro-meter	D.O. Offset	Meter D.O.	%DO	Probe	Probe	Pass	Lab
Calibr.	Monica Jaeger	4/28/22	642	22.0309	3/23	50,000	50,000		P/F	L/F		
ICV	"	"	645	1107981	7/23	10,000	10,090		P/F	L/F		
CCV	"	"	1557	220309	3/23	50,000	50018		P/F	L/F		
CCV									P/F	L/F		

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 200	Name	Date	Time	Temp	Baro-meter	D.O. Offset	Meter D.O.	%DO	Probe	Probe	Pass	Lab
Calibr.	Monica Jaeger	4/28/22	646	1112468	11/23	7.0	25.5	7.0		P/F	L/F	
Calibr.	"	"	648	2203624	3/24	4.01	25.6	4.01		P/F	L/F	
Calibr.	"	"	650	4202048	6/23	10.0	25.0	10.0		P/F	L/F	
ICV	"	"	652	2203624	3/24	4.0	25.1	4.01		P/F	L/F	
CCV	"	"	1558	4202048	6/23	10.0	27.3	10.06		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 , 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: 2/24/22

Depth sensor	Name	Date	Time	Temp	Baro-meter	D.O. Offset	Meter D.O.	%DO	Probe	Probe	Pass	Lab
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: