

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: Resident Logger

RQ: 2022-04-11-34

Project: Glades Slough

- 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 07/05/22

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.	Thomas Baker	04/13/22	0653	26.0	763.4	8.2	8.19	100.5		1.0262	P/F	L/F
ICV	Thomas Baker	04/13/22	0654	26.0	763.5	8.2	8.20	101.1			P/F	L/F
CCV	Thomas Baker	04/13/22	1240	23.9	764.1	8.5	8.39	99.4			P/F	L/F
CCV							8.48				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.	Thomas Baker	04/13/22	0657	1108C98	8/23	2500	2500	P/F	L/F
ICV	Thomas Baker	04/13/22	0658	212E28	12/23	700	97.8	P/F	L/F
CCV	Thomas Baker	04/13/22	1240	1108C98	08/23	2500	2497	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.	Thomas Baker	04/13/22	0702	112468	11/23	7.00	26.0	7.00		P/F	L/F
Calibr.			0703	4102K63	02/23	4.01	26.0	4.01		P/F	L/F
Calibr.			0705	2421771	01/23	10.00	26.0	9.99		P/F	L/F
ICV	Thomas Baker	04/13/22	0707	4102K63	2/23	4.01	26.0	3.98		P/F	L/F
CCV	Thomas Baker	04/13/22	1243	2121771	01/23	10.01	25.4	10.05		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: DEEVEN BLUER 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: