

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: The One

RQ: 2024-03-25-14

Project: SMP: Later Gator

2024-03-04-15

Z5CA2402

- 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 01/17/24

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.	Nicole Reistad	03/26/24	0713	23.6	758.9	8.5	8.47	99.9	—	1.041	(P) F	(L) F
ICV			0715	23.7	758.9	8.5	8.47	100.0	—	—	(P) F	(L) F
CCV	Monica Jaeger	3/26/24	1607	23.7	151.1	8.5	8.43	99.6	—	—	(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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Nicole Reistad	03/26/24	0720	2309J21	09/25	2500	2500	(P) F	(L) F
ICV			0722	2306J21	06/25	100	102.6	(P) F	(L) F
CCV	Monica Jaeger	3/26/24	1609	2311L37	11/25	50,000	49184	(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.	Nicole Reistad	03/26/24	0724	230607B	12/24	7.00	23.5	7.01	—	(P) F	(L) F
Calibr.			0725	2309H15	08/25	4.01	23.6	4.00	—	(P) F	(L) F
Calibr.			0726	2308P48	02/25	10.03	23.1	10.02	—	(P) F	(L) F
ICV			0728	2309H15	08/25	4.01	23.4	3.99	—	(P) F	(L) F
CCV	Monica Jaeger	3/26/24	1611	2308P48	2/25	10.03	23.4	9.98	—	(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: Slippery Disk Date of last verification: 01/17/24

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: