

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: **2022-08-08-68**

Project: **SMP: Highlands**

Lakes

- 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 **07/13/22**

DO FDEP 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	09/08/22	0655	23.2	756.8	8.5	8.52	99.6	—	1.019	(P) F	(L) F
ICV			0657	23.1	756.8	8.5	8.51	99.5	—	—	(P) F	(L) F
CCV	NICOLE REISTAD	09/08/22	1417	23.5	755.9	8.5	8.40	99.0	—	—	(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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	NICOLE REISTAD	09/08/22	0703	2208A58	07/24	2500	2500	(P) F	(L) F
ICV			0705	2112E28	12/23	100	103.0	(P) F	(L) F
CCV	NICOLE REISTAD	09/08/22	1412	2208A58	07/24	2500	2498	(P) F	(L) F
CCV		09/08/22						P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP SOP FT 4000	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	NICOLE REISTAD	09/08/22	0708	2205E54	05/24	7.00	24.2	7.01	—	(P) F	(L) F
Calibr.			0709	2206A61	05/24	4.01	24.5	4.00	—	(P) F	(L) F
Calibr.			0712	2204H72	08/23	10.02	24.5	10.01	—	(P) F	(L) F
ICV			0713	2206A61	05/24	4.01	24.5	3.99	—	(P) F	(L) F
CCV	NICOLE REISTAD	09/08/22	1414	2204H72	08/23	10.03	23.0	10.04	—	(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: **08/29/22**

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: