

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- 2022-07-04-24 Project: SMP: Myakka

- 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 04/14/22

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	07/07/22	0658	26.5	762.4	8.1	8.07	100.3	—	1.021	(P) F	(L) F
ICV			0700	26.5	762.4	8.1	8.06	100.3	—	—	(P) F	(L) F
CCV	Nicole Reistad	07/07/22	1717	24.8 ^{NR}	762.5	8.3	8.38	100.9	—	—	(P) F	(L) F
CCV				24.7							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	07/07/22	0702	2204C00	03/24	2500	2500	(P) F	(L) F
ICV			0710	2204D30	04/24	100	102.8	(P) F	(L) F
CCV	Nicole Reistad	07/07/22	1710	2204D30 ^{NR}	04/24 ^{NR}	2500	2500	(P) F	(L) F
CCV				2204C00	03/24			P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP 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	07/07/22	0715	2202G37	02/24	7.699	26.2	7.00	—	(P) F	(L) F
Calibr.			0717	2203G24	03/24	4.01	26.0	4.01	—	(P) F	(L) F
Calibr.			0718	4202048	07/23	10.00	26.3	10.00	—	(P) F	(L) F
ICV			0720	2203G24	03/24	4.01	25.9	4.00	—	(P) F	(L) F
CCV	Nicole Reistad	07/07/22	1716	2202A65	07/23	10.02	24.0	10.10	—	(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: