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 Camacho RQ- 2023-01-09-41 Project: SMP: Myakka Crix

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 10/10/22

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.	William Miller	01/11/23	0649	22.2	765.9	8.8	8.80	100.9		1.028	(P) F	(L) F
ICV	William Miller	01/11/23	0652	22.2	765.9	8.8	8.78	101.0			(P) F	(L) F
CCV	William Miller	01/11/23	1222	21.9	766.2	8.8	8.88	100.7			(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. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	William Miller	01/11/23	0658	1107981	7/23	10,000	10,000	(P) F	(L) F
ICV	William Miller	01/11/23	0657	220309	3/23	50,000	50,225	(P) F	(L) F
CCV	William Miller	01/11/23	1224	2207G95	7/24	100	101.2	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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.	William Miller	01/11/23	0659	2205284	5/24	7.00	22.7	7.00		(P) F	(L) F
Calibr.	William Miller	01/11/23	0703	2207815	6/24	4.01	22.8	4.01		(P) F	(L) F
Calibr.	William Miller	01/11/23	0707	4208J77	2/24	10.04	22.4	10.04		(P) F	(L) F
ICV	William Miller	01/11/23	0710	2207815	6/24	4.01	22.9	4.02		(P) F	(L) F
CCV	William Miller	01/11/23	1227	4208J77	2/24	10.03	22.6	10.03		(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 ± 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: 3312 ; Date of last verification: ____

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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: