

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: President Camacho RQ- 1073-08-28-08 Project: Chow HME

Boldly "X" this box if there are qualified data on this page.

- 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 7/17/23

DO	DEP SOP	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.		Monica Berger	8/28/23	700	18.5	755.7	9.3	9.31	9.4			1.022	Pass	Field
ICV						702	18.4	755.7	9.3	9.31	9.5		Pass	Field
CCV		Samanta Galinas	8/28/23	1306	28.8	756.7	7.69	7.68	99.4				Pass	Field
CCV													Pass	Field

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.	Standard μmhos/cm	Meter Reading μmhos/cm	Pass / Fail	Lab / Field
Calibr.		Monica Berger	8/28/23	704	230217A	2/24	50000	50000		Pass	Field
ICV								10000	10050	Pass	Field
CCV		Samanta Galinas	8/28/23	1307	221266	1/24	10000	10000	10068	Pass	Field
CCV								50000	49933	Pass	Field

Conductivity Acceptance criteria ± 5%

pH	DEP SOP	Name	Date	Time	CT-ET	Lot #	Expir.	Date	pH Buffer	Temp °C	Meter reading	MV	Pass / Fail	Lab / Field
Calibr.		Monica Berger	8/28/23	708	230217E	8/24	7.03	18.9	7.03	18.9	7.03	47.5	Pass	Field
Calibr.													Pass	Field
Calibr.													Pass	Field
ICV													Pass	Field
CCV		Samanta Galinas	8/28/23	1311	230607C	12/24	4.00	18.5	4.01	18.5	4.01		Pass	Field
CCV													Pass	Field

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 10 166.7, slope from 4 to 7 132.9 (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: 8/14/23

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air							

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.