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-** ——— **Project:** CCHMN

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 4/14/22

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.	Monica Jaeger	4/20/22	652	25.5	765.6	8.2	8.24	100.8		1.023	P / F	L / F
ICV	"	"	653	25.6	765.6	8.2	8.24	100.8			P / F	L / F
CCV	"	"	1505	26.9	765.4	8.0	8.01	100.6			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 umhos/cm	Meter Reading umhos/cm	Pass / Fail	Lab / Field
Calibr.	Monica Jaeger	4/20/22	655	220309	3/23	50,000	50,000	P / F	L / F
ICV	"	"	701	2112E28	12/23	100	103.9	P / F	L / F
CCV	"	"	1507	220309	3/23	50000	50173	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

Temp SU mV

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.	Monica Jaeger	4/20/22	705	1112468	11/23	7.0	25.7	7.0	—	P / F	L / F
Calibr.	"	"	708	2203G24	3/24	4.01	25.6	4.01	—	P / F	L / F
Calibr.	"	"	710	4202048	6/23	10.0	25.5	10.0	—	P / F	L / F
ICV	"	"	712	2203G24	3/24	4	25.5	4.0		P / F	L / F
CCV	"	"	1508	4202048	6/23	10.0	23.8	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: 3312A ; Date of last verification: 2/24/22

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

COMMENTS:

Form effective August 1, 2018