

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: **Pro Move** Project: **CAWSA LT**

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 **6/18/19**

DO	Name	Date	Time	Temp	Baro	D.O.	% DO	Probe Charge	Probe Gain	Pass	Lab
DEP SOP			CT-ET	Temp	meter	Chart	D.O.				
FT 1500					mmHg	mg/L	mg/L			Fail	Field
Calibr.	B332146204	7/22/19	0700	064	755.6	8.0	8.04	99.1	—	1.03	(P) (F) (L) (F)
ICV	↑	↑	0702	26.2	755.8	8.0	8.03	99.3	—	—	(P) (F) (L) (F)
CCV	69954	7/22/19	1659	26.3	754.2	8.0	7.99	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.	Name	Date	Time	Lot #	Expir.	Standard	Meter	Pass	Lab
FT 1200				GT-ET		Date	mmhos/cm	mmhos/cm	/	Field
Calibr.		BAT2414620V	7/22/19	0704	2809050	9/20	10000	10000	(P) (F) (L) (F)	(P) (F) (L) (F)
ICV		↑	↑	0706	2804782	4/21	100	101.4	(P) (F) (L) (F)	(P) (F) (L) (F)
CCV		(Sanyo) 50.115	7/22/19	1645	2211660	11/20	50.000	50.115	(P) (F) (L) (F)	(P) (F) (L) (F)
CCV									P/F	L/F

Conductivity Acceptance criteria ± 5%

pH	DEF SOP	Name	Date	Time	Lot #	Expir.	Date	pH Buffer	Temp °C	Meter reading	mV	Pass	Lab
FT 1100				CT-ET						SU		fail	Field
Calibr.	BAXTER	7/22/19	0708	191304	3/21	6.99	2.71	7.00	-5.28	(P) (F) (L) (F)	(P) (F) (L) (F)	(P) (F) (L) (F)	(P) (F) (L) (F)
Calibr.				0710	191003	3/21	4.01	27.1	4.01	118.3	(P) (F) (L) (F)	(P) (F) (L) (F)	(P) (F) (L) (F)
Calibr.				0712	191040	3/21	9.99	9.97	23.8	(P) (F) (L) (F)	(P) (F) (L) (F)	(P) (F) (L) (F)	(P) (F) (L) (F)
ICV				0714	190303	3/21	4.07	27.1	4.07	10.06	(P) (F) (L) (F)	(P) (F) (L) (F)	(P) (F) (L) (F)
CCV				7/22/19	1655	191040	03/21	10.00	24.0	10.06	(P) (F) (L) (F)	(P) (F) (L) (F)	(P) (F) (L) (F)
CCV													

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 10 180 slope from 4 to 7 176.1 (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: 6/18/19 If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: **DEP BLUE** Date of last verification: 6/18/19

Depth Sensor	Name	Date	Time	Calibrated	ICV Value	Pass	Lab
(Daily Calibration & ICV)	Name	Date	Time	Calibrated	ICV Value	Pass	Lab
Pressure mode in air							

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

COMMENTS: