

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: THE ONE RQ- 2023-01-09-31 Project: BMAP Caloosa Creek

2023-01-09-09 CN2301

- 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	Name	Date	Time	Temp	Baro	D.O.	Meter	% DO	Probe	Probe	Pass	Lab
DEF SOP			CT-ET	°C	meter	Chart	D.O.		Charge	Gain	/	/
FT 1500					mmHg	mg/L	mg/L				Fail	Field
Calibr.	NICOLE REISTAD	01/12/23	0650	22.4	765.4	8.7	8.72	100.7	—	1.0298	(P) F	(L) F
ICV			0652	22.5	765.5	8.7	8.70	100.5	—	—	(P) F	(L) F
CCV	Thomas Baker	01/12/23	1506	22.8	763.2	8.7	8.67	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.	Name	Date	Time	Lot #	Expir.	Standard	Meter	Pass	Lab
Cond.			CT-ET		Date	µmhos/cm	Reading	/	/
FT 1200							µmhos/cm	Fail	Field
Calibr.	NICOLE REISTAD	01/12/23	0653	2208A58	07/24	2500	2500	(P) F	(L) F
ICV			0655	2207G95	07/24	100	103.1	(P) F	(L) F
CCV	Thomas Baker	01/12/23	1808	2208A58	7/24	2500	2508	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH	Name	Date	Time	Lot #	Expir.	pH	Temp	Meter	mV	Pass	Lab
DEF SOP			CT-ET		Date	Buffer	°C	reading		/	/
FT 1100						SU		SU		Fail	Field
Calibr.	NICOLE REISTAD	01/12/23	0659	2205E54	05/24	7.01	21.5	7.02	—	(P) F	(L) F
Calibr.			0701	2207815	06/24	4.01	22.1	4.00	—	(P) F	(L) F
Calibr.			0703	4208J77	02/24	10.04	22.3	10.03	—	(P) F	(L) F
ICV			0705	2207815	06/24	4.01	22.3	3.99	—	(P) F	(L) F
CCV	Thomas Baker	01/12/23	1510	4208J77	2/24	10.04	22.6	10.06	—	(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 $+180 \pm 50$;

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: SUPPLY DISK Date of last verification: 08/29/22

Depth Sensor	Name	Date	Time	Calibrated	ICV Value	Pass	Lab
(Daily Calibration & ICV)			CT-ET	Value (0.00 or Offset), meters	meters	Fail	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: