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: 7120 MGVE RQ- LEE GWV LAB Project: ESTERO TRIB

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 3/11/21

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.	Grany Smith	3/29/21	0725	22.5	759.5	8.6	8.60	99.9	—	1.65	P / F	L / F
ICV	"	"	0728	22.6	759.6	8.60	8.60	99.4	—	—	P / F	L / F
CCV	BARRINGTON	3/29/21	1350	26.2	760.2	8.1	8.10	100.3	—	—	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.	Grany Smith	3/29/21	0730	1002A78	2/22	10,000	10,000	P / F	L / F
ICV	"	"	0734	1009889	8/22	2500	2503	P / F	L / F
CCV	BARRINGTON	3/29/21	1352	~~5070~~ 2012077	12/22	50000	48840	P / F	L / F
CCV				JVJ				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.	Grany Smith	3/29/21	0736	2012982	11/22	7.01	24.1	7.01	-11.0	P / F	L / F
Calibr.	"	"	0738	2011891	10/22	4.00	24.2	4.00	167.7	P / F	L / F
Calibr.	"	"	0740	2010679	09/22	10.01	24.2	10.01	-184.8	P / F	L / F
ICV	"	"	0742	2011891	10/22	4.00	24.3	4.00	—	P / F	L / F
CCV	BARRINGTON	3/29/21	1354	2010679	4/22	10.02	24.0	9.97	—	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 10 173.8, slope from 4 to 7 178.7 (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: DEEP BLUE; Date of last verification: 2/11/21

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: