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

Meter ID: Hodor RQ- 2019-03-11-34 Project: SMP-Okeechobee

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 01/30/19

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.	Drew Liddick	03/27/19	0750	21.8	756.0	8.77	8.77	100	—	1.04	P / F	L / F
ICV	〃	〃	0752	21.9	756.0	8.76	8.76	99.5	—	1.04	P / F	L / F
CCV	〃	〃	1530	22.4	756.0	8.67	8.63	100.1	—	—	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.	Drew Liddick	03/27/19	0754	2901833	12/20	1000	1000	P / F	L / F
ICV	〃	〃	0756	2812A65	12/20	100	101.2	P / F	L / F
CCV	〃	〃	1532	2901833	12/20	1000	1000	P / F	L / F
CCV								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.	Drew Liddick	03/27/19	0758	186926	10/20	7.05	22.6	7.00	-34.3	P / F	L / F
Calibr.			0800	187188	11/20	4.00	23.1	4.00	143.1	P / F	L / F
Calibr.			0802	187680	12/20	10.00	22.6	10.00	-214.0	P / F	L / F
ICV			0804	187680	12/20	10.06	22.6	10.00	-213.5	P / F	L / F
CCV	〃	〃	1534	187188	11/20	4.00	23.6	4.10	139.3	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 ~~177.2~~ 179.5, slope from 4 to 7 177.4 (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: 01/30/19
If NO, what will be used? (circle one) **Secchi Disk Line / Sonar** Unique ID: ________; Date of last verification: ________

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	Drew Liddick	03/27/19	0806	0.00	0.00	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: