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

Boldly "X" box if the qualified d this pa

Meter ID: Hodor RQ- 2019-02-04-13 Project: SMP - North Miami

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
Calibr.	Kristene B.	02/14/19	8:24	18.2	754.4	9.42	9.37	99.3	/	1.034	P/F
ICV	"	"	9:25	18.3	754.4	9.40	9.35	99.5	/	1.034	P/F
CCV	Kristene B.	02/14/19	15:33	21.2	754	8.88	8.78	98.9	/	1.034	P/F
CCV											P/F

DO Acceptance criteria from Table ± 0.3 mg/L. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 2.
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 & Cha

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail
Calibr.	Kristene B.	02/14/19	8:30	2811E59	11/20	1000	1000	P/F
ICV	"	"	8:32	280884	07/20	100	100.1	P/F
CCV	Kristene B.	02/14/19	15:38	2709C78	09/19	5000	4969	P/F
CCV								P/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
Calibr.	Kristene B.	02/14/19	8:35	185764	08/20	7.02	21.1	7.02	-29.3	P/F
Calibr.	"	"	8:37	185909	09/20	4.00	22.3	4.00	146.4	P/F
Calibr.	"	"	8:40	183381	05/20	10.04	21.7	10.04	-211.1	P/F
ICV	"	"	8:41	" "	" "	10	21.7	10.05	-210.5	P/F
CCV	Kristene B.	02/14/19	15:37	"	"	4	22.9	3.98	149.2	P/F
CCV										P/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 50; mV pH 10 Range -180 ± 5
If mV are recorded: slope from 7 to 10 181.8, slope from 4 to 7 175.7 (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
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	Kristene B.	02/14/19	8:50	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:

Form effective August