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: SNEK RQ- 2019-06-03-56 Project: Caloosa Creeks / 06-03-59 SMP: Okee Canals

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 03/19/2019

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.	N. Reistad	06/03/19	0719	26.3	755.1	8.0	8.01	99.4		1.223281	(P) F	(L) F
ICV	"	"	0720	26.3	755.1	8.0	8.03	99.4			(P) F	(L) F
CCV	Gary Smart	6/3/19	1459	28.0	754.7	7.8	7.87	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. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	N. Reistad	06/03/19	0726	2904947	03/21	1000	1000	(P) F	(L) F
ICV	"	"	0728	190041	10/21	500	493	(P) F	(L) F
CCV	Gary Smart	6/3/19	1452	180522C	06/19	100	103.3	P/F	L/F
CCV	Gary Smart	6/3/19	1454	281F60	11/20	50,000	51137	(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.	N. Reistad	06/03/19	0739	191304	03/21	7.00	26.1	7.00	-22.1	(P) F	(L) F
Calibr.	"	"	0742	190072	01/21	4.011	26.3	4.01	150.2	(P) F	(L) F
Calibr.	"	"	0744	190071	01/21	10.003	26.5	9.99	-203.6	(P) F	(L) F
ICV	"	"	0745	190071	01/21	10.003	26.4	9.96		(P) F	(L) F
CCV	Gary Smart	6/3/19	1457	191304	03/21	7.00	29.7	6.87		(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 10 181.5, slope from 4 to 7 172.3 (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: 33128 ; Date of last verification: 12/26/18

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:

Form effective August 1, 2018