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- 2020-02-17-51 Project: SMP: Myakka

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 01/24/20

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.	Nicole Reistad	02/17/20	0729	24.9	757.4	8.2	8.26	99.7		1.2707	(P) F	(L) F
ICV	"	"	0730	24.9	757.4	8.2	8.25	99.6			(P) F	(L) F
CCV	"	"	1629	24.6	756.7	8.3	8.32	100.0			(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.	Nicole Reistad	02/17/20	0718	2911829	10/21	1000	1000	(P) F	(L) F
ICV	"	"	0720	2911C93	11/21	100	100	(P) F	(L) F
CCV	"	"	1626	2904A78	03/21	10,000	9868	(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.	Nicole Reistad	02/17/20	0722	195339	08/21	7.00	25.0	7.00	-66.6	(P) F	(L) F
Calibr.	"	"	0724	194900	07/21	4.01	25.3	4.01	113.0	(P) F	(L) F
Calibr.	"	"	0726	194080	06/21	10.01	25.4	10.00	-237.5	(P) F	(L) F
ICV	"	"	0728	194080	06/21	10.01	25.3	9.98		(P) F	(L) F
CCV	"	"	1624	195339	08/21	7.00	24.0	7.00		(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 10 170.9, slope from 4 to 7 179.6 (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: ~~3311~~ 3312B NL Date of last verification: 12/20/19

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: