Boldly "X" this box if there is qualified data on this page.

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

Meter ID: KEYS RQ- 2018-574-45 Project: B.F -SMP

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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site _____

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 3/22/2018

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp 23.9 °C	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	MARYANN DUGAN	6/14/18	0707	~~24.1~~	~~8.703~~ 8.432 8.482	8.43	100			(P) / F	(L) / F
ICV	"	"	0711	23.6		8.48	100			P / F	L / F
CCV	Gary Smith	"	1450	24.7	8.309	8.28	99.7			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; 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.	MARYANN DUGAN	6/14/18	0712	180321A	04/19	500	500	(P) / F	(L) / F
ICV	"	"	0715	171211B	12/18	100	101	(P) / F	(L) / F
CCV	Gary Smith	"	~~04/19~~	180321B	04/19	~~983~~ 1000	983	(P) F	(L) F
CCV			1455					P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	MARYANN DUGAN	6/14/18	0716	177435	10/19	7.0	7.0	-19.0	(P) / F	(L) / F
Calibr.	"	"	0719	180710	02/20	4.0	4.0	157.6	(P) / F	(L) / F
Calibr.	"	"	0720	178540	12/19	10.0	10.0	-196.4	(P) / F	(L) F
ICV	"	"	0723	178540	12/19	10.0	10.0	-194.7	(P) / F	(L) F
CCV		"	1458	180710	02/20	4.0	4.0	157.2	(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 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / (No) If yes, list date of last quarterly depth 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						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: