

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

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

Meter ID: SNEK RQ: 2718-06-25-14 Project: SMP-TELEGRAPH

- 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 06/19/2018

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	M. DUGAN	06/27/18	0719	23.8	8.45	8.49	100.5			P/F	L/F
ICV	"	"	0720	23.8	8.45	8.49	100			P/F	L/F
CCV	N. Reistad	06/27/18	1548	25.0	8.23	8.28	100			P/F	L/F
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec Cond FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	M. DUGAN	06/27/18	0721	180321A	04/19	500	500	P/F	L/F
ICV	"	"	0732	180321C	04/19	100	101.9	P/F	L/F
CCV	N. Reistad	06/27/18	1551	180522A	06/19	1000	981	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

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.	M. DUGAN	06/27/18	0731	177435	10/19	7.0	7.0	-2.8	P/F	L/F
Calibr.	"	"	0736	180710	07/20	4.0	4.6	179.2	P/F	L/F
Calibr.	"	"	0738	178540	12/19	10.0	10.6	-13.7	P/F	L/F
ICV	"	"	0740	178540	12/19	10.0	10.01	-194.4	P/F	L/F
CCV	N. Reistad	06/27/18	1553	180710	02/20	4.0	4.04	177.9	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 $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;
 If mV are recorded: slope from 7 to 10 180.0, slope from 4 to 7 180.0 (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes No 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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: