

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

~~Holdly "X" this box if there is qualified data on this page~~

Meter ID: W002y

RQ:

Project: 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

DO FDEP-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.	C. Orr	3/26	0720	22.75	8.611	8.61	100.0	553	-	P/F	L/F
ICV			0721	22.8	8.611	8.60	99.8	-	-	P/F	L/F
CCV	Ben Kasper		1440	24.3	8.72	8.44	100.8	56	-	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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	C. Orr	3/26	0722	2709999	9/19	1000	1000	P/F	L/F
ICV			0727	2707083	07/19	100	100	P/F	L/F
CCV	Ben Kasper		1475	0705506	5/19	500	499	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP-SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	C. Orr	3/26	0723	173851	6/19	7.0	7.0	-25.1	P/F	L/F
Calibr.			0724	173851	3/19	4.0	5.82	128.2	P/F	L/F
Calibr.			0725	171266	3/19	10.0	10.07	-201.4	P/F	L/F
ICV			0726	171266	3/19	10.0	10.04	-	P/F	L/F
CCV	Ben Kasper		1450	173851	3/19	7.0	6.72	-20	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 , 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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: