

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 name.

Meter ID: 123470

RQ: 2019-05-13-30

Project: Cont. Monitoring

- 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 5/6/19

DO DEP SOF FT 1500	Name	Date	Time	Temp	DO	Meter	DO	DO	DO	DO	DO	DO
Calibr.											P/F	L/F
ICV											P/F	L/F
CCV	J. P. 945	5/13/19	1225	23.9	8434	835	99.1	—	1.02		P/F	L/F
CCV	J. P. 945	5/22/19	1420	23.9	8434	837	99.3	—	—		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.

DO DEP SOF FT 1200	Name	Date	Time	DO	DO	DO	DO	DO	DO	DO	DO	DO
Calibr.	J. P. 945	5/13/19	1227	190116A	1/2020	1000	1000		P/F	L/F		
ICV			1229	180517A	5/2019	100	104		P/F	L/F		
CCV	J. P. 945	5/22/19	1420	190116A	1/2020	1000	1005		P/F	L/F		
CCV									P/F	L/F		

Conductivity Acceptance criteria $\pm 5\%$

DO DEP SOF FT 100	Name	Date	Time	DO	DO	DO	DO	DO	DO	DO	DO	DO
Calibr.						7.0			P/F	L/F		
Calibr.						4.0			P/F	L/F		
Calibr.						10.0			P/F	L/F		
ICV									P/F	L/F		
CCV									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 5/6/19

Depth Sensor	Name	Date	Time	Calibrated	Calibrated	Calibrated	Calibrated	Calibrated	Calibrated	Calibrated	Calibrated	Calibrated
Pressure mode in air	J. P. 945	5/13/19	1231	0.00	0.00				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: