

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: 132237

RQ: 2017-11-20-11

Project: SNP

- 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 9/27/17

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.	J. P. 1225									P/F	L/F
ICV										P/F	L/F
CCV	J. P. 1225	12/21/17	0811	21.60	8.812	8.82	100.1	—	1.01	⓪/F	⓪/F
CCV	J. P. 1225	12/21/17	1442	19.35	9.202	9.13	99.1	—	—	⓪/F	⓪/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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. P. 1225	12/21/17	0815	2707A64	7/2019	10,000	10,000	⓪/F	⓪/F
ICV	↓	↓	0817	270396	2/2019	100	101	⓪/F	⓪/F
CCV	J. P. 1225	12/21/17	1445	1712123	12/2018	10,000	10,117	⓪/F	⓪/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.	J. P. 1225	12/21/17	0819	2610663	10/2018	7.0	7.0	-24.6	⓪/F	⓪/F
Calibr.	↓	↓	0821	2611883	10/2018	4.0	4.0	152.8	⓪/F	⓪/F
Calibr.	↓	↓	0823	2611A79	5/2018	10.0	10.0	-195.2	⓪/F	⓪/F
ICV	↓	↓	0825	2611A79	5/2018	10.0	9.98	-195.1	⓪/F	⓪/F
CCV	J. P. 1225	12/21/17	1447	2611883	10/2018	4.0	4.01	—	⓪/F	⓪/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 10 170.6, slope from 4 to 7 177.4 (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 10/16/17

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	J. P. 1225	12/21/17	0827	0.00	0.00	⓪/F	⓪/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: