

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

Meter ID:

W2224

RQ:

2018-01-22-14

Project:

SMP

Box is
qualified data on
this page.

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

10/2/17

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.	BP	1/22/18	720	21.32	886	8.86	100	49		P/F	L/F
ICV	BP	1/22/18	722	21.48	882	8.77	99.2	49		P/F	L/F
CCV	BP	1/23/18	700	22.9	9.8	9.9	115	50		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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	BP	1/22/18	724	2703D64	3/19	1,000	1,000	P/F	L/F
ICV	BP	1/22/18	726	261944	10/18	500	508	P/F	L/F
CCV	BP	1/23/18	700	2207D83	7/19	100	104	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.	BP	1/22/18	730	171628	3/19	7.0	7.00	-22	P/F	L/F
Calibr.	BP	1/22/18	732	174998	7/19	4.0	4.00	154	P/F	L/F
Calibr.	BP	1/18	735	170266	3/19	10.0	10.00	-199	P/F	L/F
ICV	BP	1/22/18	740	174998	7/19	4.0	3.95	156	P/F	L/F
CCV	BP	1/23/18	700	171628	3/19	7.0	7.06	-25	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:

DO membrane damaged