

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

Meter ID:

5752h

RQ:

10-26-13 SCT → SCT Pringle
09-14-17 nades

Project:

→ Pelican nades

Boldly "X" this box if there are 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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

10/14/20

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J Pringle	11/5/20	722	22.0	768	8.8	8.8	101.1	-	1.024	P/F	L/F
ICV	J	2	723	22.0	768	8.8	8.83	101.1	-	1.024	P/F	L/F
CCV	J Pringle	11/5/20	1443	23.2	766	8.6	8.6	94.7	-	-	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 (Pro DSS 0.75 to 1.50); 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.	J Pringle	11/5/20	724	200902B	9/21	1000	1000	P/F	L/F
ICV	J	2	725	200902A	9/21	100	101	P/F	L/F
CCV	J Pringle	11/5/20	1445	191025A	11/20	1413	1400	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J Pringle	11/5/20	726	2001-31	1/22	7.	23.3	7.01	-49	P/F	L/F
Calibr.	J		727	2006B 06	5/22	4.	23.4	4.00	129.5	P/F	L/F
Calibr.	J		728	2002911	8/21	10.	23.2	10.02	216.5	P/F	L/F
ICV	J		729	2006B06	5/22	4.	27.4	4.01	128.3	P/F	L/F
CCV	J Pringle	11/5/20	1449	2002911	8/21	10.	23.9	10.03	219.2	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)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last 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	J Pringle	11/5/20	130	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:

Date/Time

Date/Time 11/5/20 1359

Date/Time 11/5/20 1359