

9127/16 R2006-09-26-10

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:

L7 605

Project:

SMP

- Notes: (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (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

9/20/16

DO FDEP SOP FT 1500	Name	Date	Time ET/PT	Temp °C	DO Gain	DO Charge	DO Gain	DO Charge	DO Gain	DO Charge	Pass Fail	Lab Field
Calibr.	T WIPPICK	9/27/16	1000	24.1	8.4	8.4	100	52.3	9.16		P	L
ICV				24.1	8.4	8.4	100	52.3			P	L
CCV	T WIPPICK	9/27/16	1500	25.3	8.2	8.3	101				P	L
CCV												

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

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.

Specific Conductance FT 1200	Name	Date	Time ET/PT	Temp °C	Specific Conductance	Specific Conductance	Specific Conductance	Specific Conductance	Specific Conductance	Specific Conductance	Pass Fail	Lab Field
Calibr.	T WIPPICK	9/27/16	1000	26.06	003	02/18	1000	1000			P	L
ICV				1000	2603	082	3/18	100	101		P	L
CCV	T WIPPICK	9/27	1500	26.06	003	2/18	1050	1007			P	L
CCV												

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP SOP FT 1000	Name	Date	Time ET/PT	Temp °C	pH	pH	pH	pH	pH	pH	Pass Fail	Lab Field
Calibr.	T WIPPICK	9/27/16	1000	16.1856	04/18	7.0	7.0	-17			P	L
Calibr.				16.1523	3/18	4.0	4.0	161			P	L
Calibr.				16.0910	3/18	10.0	10.0	-196			P	L
ICV				16.0910	3/18	10.0	10.0				P	L
CCV	T WIPPICK	9/27	1500	16.1523	3/18	4.0	4.0	158			P	L
CCV												

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$;
mV pH 10 Range -180 ± 50 ; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification

9/20/16

Depth Sensor (Daily)	Name	Date	Time ET/PT	Zero the Sensor	ICV Value	Pass/ Fail	Lab/ Field
Pressure mode in air	T WIPPICK	9/27/16	1000	0.000	0.000	P	L

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater