

2017-01-23-63

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:

Lil Jon

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 01/03/2017

DO DHP-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.	S Meyer	1/25/17	0756	21.0	8.9	8.9	100	57.4	1.03	P	L
ICV			0759	21.0	8.9	8.9	99			P	L
CCV			1733	21.3	8.9	8.8	99			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.

Spec Cond FT 1200	Name	Date	Time (CT:ET)	Lot#	Expir. Date	Standard umhos/cm	Meter Reading umhos/cm	Pass / Fail	Lab / Field
Calibr.	S Meyer	1/25/17	0803	2606203	06/18	1000	1000	P	L
ICV			0806	2603888	07/18	100	99	P	L
CCV			1740	2603777	02/18	70000	69378	P	L
CCV									

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

Conductivity Acceptance criteria $\pm 5\%$

pH DHP-SOP FT 1000	Name	Date	Time (CT:ET)	Lot#	Expir. Date	pH Buffer SU	Meter Reading SU	mV	Pass / Fail	Lab / Field
Calibr.	S Meyer	1/25/17	0810	161556	04/18	7.0	7.0	-39.6	P	L
Calibr.			0815	163418	03/18	4.0	4.0	136.0	P	L
Calibr.			0818	163619	06/18	10.0	10.0	-217.1	P	L
ICV			0820	163619	06/18	10.0	10.0	-216.2	P	L
CCV			1744	161556	04/18	7.0	7.0	-42.4	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 $\pm$ 50;mV pH 10 Range -180 $\pm$ 50;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

mV pH 4 Range -180 $\pm$ 50;

Depth (Quarterly)

Date of Last Depth Verification 01/03/2017

Depth Sensor (Daily)	Name	Date	Time (CT:ET)	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

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