

2017-02-06-27
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 FDEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Char mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	S. Meyer	02/07/17	0758	22.4	8.7	8.7	100	55.3	1.02	P	L
ICV			0801	22.4	8.7	8.8	101	55.3	—	P	L
CCV			1555	22.9	8.6	8.6	100	54.3	—	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 #	Expi. Date	Standard umhos/cm	Meter Reading umhos/cm	Pass / Fail	Lab / Field
Calibr.	S. Meyer	02/07/17	0804	2608A42	07/2018	1000	1000	P	L
ICV			0807	2608888	07/2018	1000 SM	98	P	L
CCV			1600	2606F33	06/2018	500	498	P	L
CCV									

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

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expi. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	S. Meyer	02/07/17	0812	161556	04/2018	7.0	7.0	-41.7	P	L
Calibr.			0814	163418	05/2018	4.0	4.0	134.4	P	L
Calibr.			0818	163619	06/2018	10.0	10.0	-219.0	P	L
ICV			0820	163619	06/2018	10.0	10.0	-218.2	P	L
CCV			1603	161556	04/2018	7.0	7.0	-41.7	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 01/03/2017

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

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