

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

2017-04-24-22
2017-04-24-23

Boldly "X" this box if there is qualified data on this name.

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 4-4-17

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.	L. Bachler	4-27-17	0715	23.9	8.43	8.43	100	68.2	1.23	P	L
ICV			0717	23.9	8.43	8.41	100	—	—	P	L
CCV			1548	23.6	8.48	8.88	105	—	—	F	L
CCV			1557	23.	8.51	8.56	100	—	—	P	L

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.	L. Bachler	4-27-17	0719	2608A42	07/18	1000	1000	P	L
ICV			0721	2601009	10/18	100	101	P	L
CCV			1550	2608935	07/18	50,000	49854	P	L
CCV									

Report specific conductance as a whole number with no decimal figure. 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.	L. Bachler	4-27-17	0723	163419	6/18	7.0	7.0	-55.4	P	L
Calibr.			0725	163418	05/18	4.0	4.0	121.6	P	L
Calibr.			0727	163619	06/18	10.0	10.0	-232.7	P	L
ICV			0730	163619	06/18	10.0	10.0	—	P	L
CCV			1553	163419	6/18	7.0	7.0	—	P	L
CCV										

Report pH with one decimal place; 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 ; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly) Date of Last Depth Verification _____

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 $\pm 0.05m$, whichever is greater