

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

Boldly "X" a box if there qualified data this none.

Meter ID: LilGus

NO: 2018-05-82

Project: SMP

- 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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 1/9/18

DO	Name	Date	Time	Temp	DO	DO	DO	DO	DO	DO	DO	DO
DO	Name	Date	Time	Temp	DO	DO	DO	DO	DO	DO	DO	DO
Calibr.	Drew Liddell	4/3/18	0750	23.0	23.0	8.6	8.5	100	57.4	1.21	P/F	L/F
ICV			0752	23.3	8.5	8.5	100	57.4			P/F	L/F
CCV			1530	23.9	8.4	8.2	100	52.3			P/F	L/F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec	Name	Date	Time	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
Spec	Name	Date	Time	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
Calibr.	Drew Liddell	4/3/18	0754	27.1	45.3	10/19	1000	1000			P/F	L/F
ICV			0756	27.1	78.1	9/19	100	102			P/F	L/F
CCV			1536	16.1	00.91	9/18	100K	1018.73			P/F	L/F
CCV											P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

DO	Name	Date	Time	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
DO	Name	Date	Time	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
Calibr.	Drew Liddell	4/3/18	0755	17.4	54.4	06/19	7.0	7.0	-38.6		P/F	L/F
Calibr.			0800	17.4	99.8	07/19	4.0	4.0	139.6		P/F	L/F
Calibr.			0802	17.0	26.6	03/19	10.0	10.0	-24.4		P/F	L/F
ICV			0804	17.0	26.6	03/19	10.0	10.0	-21.6		P/F	L/F
CCV			1538	17.4	99.8	7/19	4.0	4.0	145.1		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 -173, slope from 4 to 7 178.2 (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification 1/9/18

Depth Sensor	Name	Date	Time	Calibrated	ICV Value	Pass /	Lab /
Depth Sensor	Name	Date	Time	Calibrated	ICV Value	Pass /	Lab /
(Daily Calibration & ICV)			CT:ET	Value (0.00 or Offset), meters	meters	Fail	Field
Pressure mode in air	Drew Liddell	4/3/18	0806	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: