

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

Meter ID: Pro Mouv

RQ: 2022-03-14-S1

Project: Spring Creek

Boldly "X" this box if there are qualified data on this page.

- 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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 01/05/22

DO	DO Sensor	FT	Calibr.	ICV	CCV	CCV	P/F	L/F
			Thomas Buke 03/28/22 0709 25.8 760.8 8.2 100.1	100.1	100.1	100.1	P/F	L/F
			Thomas Buke 03/28/22 0711 25.8 760.8 8.2 8.16 100.1	100.1	100.1	100.1	P/F	L/F
			Thomas Buke 03/28/22 053 23.5 762.2 8.6 8.59 100.3	100.3	100.3	100.3	P/F	L/F

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 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Calibr.	ICV	CCV	CCV	P/F	L/F
Thomas Buke 03/28/22 0714 1107481 7123 10000 10000	10000	10000	10000	P/F	L/F
Thomas Buke 03/28/22 0716 220309 3123 50000 49751	49751	49751	49751	P/F	L/F
Thomas Buke 03/28/22 1255 1107481 7123 10000 10000	10000	10000	10000	P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

Calibr.	Calibr.	Calibr.	ICV	CCV	CCV	P/F	L/F
Thomas Buke 07/18/22 1112468 11123 7.00 25.8 7.00 -7.3	11123	11123	11123	11123	11123	P/F	L/F
Thomas Buke 07/18/22 4102463 7123 4.01 25.8 4.01 172.2	4102463	4102463	4102463	4102463	4102463	P/F	L/F
Thomas Buke 07/18/22 2112071 6125 10.00 25.7 9.99 -1814	2112071	2112071	2112071	2112071	2112071	P/F	L/F
Thomas Buke 03/28/22 0731 4102463 2123 4.01 25.8 4.00	4102463	4102463	4102463	4102463	4102463	P/F	L/F
Thomas Buke 03/28/22 1059 2112071 6125 10.01 25.5 10.03	2112071	2112071	2112071	2112071	2112071	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 10 174.1, slope from 4 to 7 179.5 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification:

If NO, what will be used? (circle one) Secchi Disk / Sonar Unique ID: DEEPBLUE Date of last verification: 02/24/22

Pressure mode in air	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: