

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

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

Meter ID: My Boy Blue RQ- 2022-06-13-34 Project: SUP: Cont. Spring Creek

- 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 04/14/22

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro- meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	William Miller	06/08/22	0722	26.3	760.7	8.1	8.10	99.9		1.1985	(P) F	(L) F
ICV	William Miller	06/08/22	0726	26.2	760.6	8.1	8.11	100.2			(P) F	(L) F
CCV	Thomas Baker	06/27/22	1448	26	760.9	8.1	7.91	103.00			(P) F	(L) F
CCV											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.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	William Miller	06/08/22	0732	220309	03/23	50,000	50,000	(P) F	(L) F
ICV	William Miller	06/08/22	0737	1107981	07/23	10,000	10,015	(P) F	(L) F
CCV	Thomas Baker	06/27/22	1450	22112628	12/23	100	97.3	(P) F	(L) F
CCV	Thomas Baker	06/27/22	1453	220309	3/23	50000	49920	(P) F	(L) F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	William Miller	06/08/22	0739	212697	11/23	7.00	23.0	7.00	-34.3	(P) F	(L) F
Calibr.	William Miller	06/08/22	0746	2203624	03/24	4.01	22.0	4.01	144.9	(P) F	(L) F
Calibr.	William Miller	06/08/22	0749	4202048	07/23	10.04	22.0	10.04	-206.3	(P) F	(L) F
ICV	William Miller	06/08/22	0751	2203624	03/24	4.01	21.8	4.01		(P) F	(L) F
CCV	Thomas Baker	06/27/22	1456	4202048	07/23	10.03	22.6	10.08		(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 10 172, slope from 4 to 7 179.2 (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 Line / Sonar Unique ID: 3312B; Date of last verification: 02/24/22

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
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: