

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

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

Meter ID: ProMover

Project: 2022-03-28-26

Project: Corral 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.

04/14/23

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

DO	Name	Date	Time	Temp	Baro	D.O.	Meter	% DO	Probe	Probe	Pass	Lab
Depth			UTM	°C	meter	Chart	D.O.		Charge	Gain	Fail	Field
					mmHg	mg/L	mg/L					
Calibr.	Thomas Baker	04/19/22	0712	26.2	757.5	8.1	8.05	99.7		1.05X	P/F	L/F
ICV	Thomas Baker	04/19/22	0709	26.3	757.5	8.1	8.05	99.8			P/F	L/F
CCV	Thomas Baker	04/19/22	1531	23.7	757.6	8.5	8.38	99.2			P/F	L/F
CCV												

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	Name	Date	Time	Lot #	Expir	Standard	Meter	Pass	Lab
Conductivity			UTM		Date	umhos/cm	Reading	Fail	Field
							umhos/cm		
Calibr.	Thomas Baker	04/19/22	0712	1107981	4/23	10000	10006	P/F	L/F
ICV	Thomas Baker	04/19/22	0715	1108098	8/23	2500	2468	P/F	L/F
CCV	Thomas Baker	04/19/22	1533	220309	3/23	50000	50180	P/F	L/F
CCV									

Conductivity Acceptance criteria $\pm 5\%$

pH	Name	Date	Time	Lot #	Expir	pH	Temp	Meter	mV	Pass	Lab
Depth			UTM		Date	Buffer	°C	Reading		Fail	Field
						SU		SU			
Calibr.	Thomas Baker	04/19/22	0719	1112468	11/23	7.00	26.1	7.00		P/F	L/F
Calibr.			0721	2205629	9/24	4.01	25.6	4.01		P/F	L/F
Calibr.			0722	4102048	6/23	10.00	25.4	9.99		P/F	L/F
ICV	Thomas Baker		0723	2201624	3/24	4.01	25.4	3.99		P/F	L/F
CCV	Thomas Baker	04/19/22	1536	4202028	6/23	10.03	23.2	10.01		P/F	L/F
CCV											

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 _____, slope from 4 to 7 _____ (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: DEEP BLUE Date of last verification: 02/24/22

Pressure mode in air	Date	Time	Calibrated	ICV Date	Pass	Lab
		UTM	Value (mbar)	mmHg	Fail	Field

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: