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

Meter ID: BAD LARRY RQ-2023-02-27-11 Project: SMP CONT MONT

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 1/18/23

[redacted]												
Calibr.	BARRINGTON	3/1/23	0810	22.6	763.0	8.7	8.69	100.4	–	0.97	(P)/F	(L)/F
ICV	↓	↓	0812	22.6	763.0	8.7	8.69	100.6	–	–	(P)/F	(L)/F
CCV	NICOLE REISTAD	03/15/23	1500	20.2	763.4	9.1	9.26	102.4	–	–	(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.

[redacted]									
Calibr.	BARRINGTON	3/1/23	0814	2209K36	9/24	50000	50000	(P)/F	(L)/F
ICV	↓	↓	0816	2205408	5/24	10000	10165	(P)/F	(L)/F
CCV	NICOLE REISTAD	03/15/23	1505	2207G95	07/24	100	103.6	(P)/F	(L)/F
CCV	NICOLE REISTAD	03/15/23	1508	2209K36	09/24	50,000	49,687	(P)/F	(L)/F

Conductivity Acceptance criteria ± 5%

[redacted]											
Calibr.	BARRINGTON	3/1/23	0818	2205E54	5/24	7.—	21.3	7.02	-160.0	(P)/F	(L)/F
Calibr.			0820	2207815	~~2207815~~ 6/24	4.—	20.7	4.00	-0.9	(P)/F	(L)/F
Calibr.			0822	4208J77	2/24	10.—	20.5	10.05	-314.6	(P)/F	(L)/F
ICV	↓	↓	0825	2207815	6/24	4-	19.9	4.14	–	(P)/F	(L)/F
CCV	NICOLE REISTAD	03/15/23	1510	4208J77	02/24	10.05	21.0	9.97	–	(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 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 154.6, slope from 4 to 7 160.9 (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: ____________; Date of last verification: ____________

[redacted]									
Pressure mode in air								P/F	L/F

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

COMMENTS: