

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: Flow Meter RD: 3019-06-10-08 Project: CAUSA LT

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											
DO	Temp	Baro	D.O.	Meter	% DO	Probe	Probe	Pass	Lab	Date	Name
FT 1500	°C	mmHg	mg/L	mg/L		Charge	Gain				
Calibr.	6/27/19	0700	240	7575	8.4	99.7	-	(P) F	(P) F	6/27/19	Bayer/Bio
ICV	0703	240	7575	8.4	840	99.7	-	(P) F	(P) F	6/27/19	Bayer/Bio
CCV	6/27/19	0545	261	7564	8.1	808	99.7	(P) F	(P) F	6/27/19	Bayer/Bio
CCV	6/27/19	0545	261	7564	8.1	808	99.7	(P) F	(P) F	6/27/19	Bayer/Bio

DO Acceptance criteria from Table ± 0.3 mg/L. Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. A. Steady-state & Galvanic Sensors: DO gain & charge N/A. Rapid-Pulse Sensors: DO gain range 0.7 to 1.4; DO Charge Range 25-75.

Spec. Cond.	Temp	Baro	D.O.	Meter	% DO	Probe	Probe	Pass	Lab	Date	Name
FT 1200	°C	mmHg	mg/L	mg/L		Charge	Gain				
Calibr.	6/27/19	0706	280900	9/20	1000	1000	-	(P) F	(P) F	6/27/19	Bayer/Bio
ICV	0709	290082	4/21	100	102	102	-	(P) F	(P) F	6/27/19	Bayer/Bio
CCV	6/27/19	1517	281660	11/20	50000	50051	-	(P) F	(P) F	6/27/19	Bayer/Bio
CCV	6/27/19	1517	281660	11/20	50000	50051	-	(P) F	(P) F	6/27/19	Bayer/Bio

Conductivity Acceptance criteria ± 5%

pH	Temp	Baro	D.O.	Meter	% DO	Probe	Probe	Pass	Lab	Date	Name
FT 1100	°C	mmHg	mg/L	mg/L		Charge	Gain				
Calibr.	6/27/19	0712	191804	3/20	246	7.01	55.4	(P) F	(P) F	6/27/19	Bayer/Bio
Calibr.	0715	190040	6/21	4.00	242	4.00	119.0	(P) F	(P) F	6/27/19	Bayer/Bio
Calibr.	0718	191040	3/21	1002	240	1001	2347	(P) F	(P) F	6/27/19	Bayer/Bio
ICV	0721	190072	1/21	4.00	241	3.93	-	(P) F	(P) F	6/27/19	Bayer/Bio
CCV	6/27/19	1549	191040	3/21	10.02	24.1	999	(P) F	(P) F	6/27/19	Bayer/Bio
CCV	6/27/19	1549	191040	3/21	10.02	24.1	999	(P) F	(P) F	6/27/19	Bayer/Bio

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 (both must be between 165 and 180 mv) slope from 4 to 7 (not surf. water project)

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: 6/18/19
 If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: 200306 Date of last verification: 6/18/19

Depth Sensor	Name	Date	Time	Calibrated	Offset, meters	ICV Value, meters	Pass / Fail	Lab / Field
(ICV) 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: