

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

Shup

(FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Project

2021-01-11-02

RQ-

2021-01-11-02

Meter ID:

Leig

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification

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.

DO	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.	F. Faria	0723	01/13/21	0723	20.2	765.6	9.1	9.12	100.7	-	-	-	P / F	L / F
ICV		0725		0725	1	1	1	1	100.8	-	-	-	P / F	L / F
CCV		1537	1/13/21	1537	16.6	764.2	9.8	9.84	101.1	-	-	-	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.	Standard umhos/cm	Meter Reading umhos/cm	Pass / Fail	Lab / Field
Calibr.	F. Faria	0730	01/13/21	0730	20.09	D40	09/22	1000	1000	P / F	L / F
ICV		0734		0734	2007	G16	07/22	100	103.0	P / F	L / F
CCV		1541	1/13/21	1541	2003	E04	02/22	500	501	P / F	L / F
CCV										P / F	L / F

Conductivity Acceptance criteria ± 5%

pH	FT 1100	Name	Date	Time	CT-ET	Lot #	Expir.	pH Buffer	Temp °C	Meter reading SU	MV	Pass / Fail	Lab / Field
Calibr.	F. Faria	0739	01/13/21	0739	20.21	14	05/22	7.02	21.1	7.02	-8.7	P / F	L / F
Calibr.		0746		0746	20.33	25	07/22	4.00	1	4.00	167.8	P / F	L / F
Calibr.		0752		0752	19.69	94	11/21	10.05	21.0	10.05	-184.5	P / F	L / F
ICV		0753		0753	1	1	1	1	1	10.04	-	P / F	L / F
CCV		1542	1/13/21	1542	20.21	14	05/22	7.00	19.9	7.00	7.00	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, 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: ; Date of last verification:

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Calibr.	F. Faria	01/13/21	0756	0.00	0.00	P / F	L / F
ICV						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: