

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 08/01/2022

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.	K. Halbert	8/24/22	727	23.0	760.4	8.6	—	100.1	—	1.026	(P) F	(L) F
ICV	K. Halbert	8/24/22	733	22.7	760.4	8.6	8.66	100.3	—	1.026	(P) F	(L) F
CCV	J. Parnish	8/24/22	1530	24.5	759	8.3	8.31	99.7	—	—	(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 #	Explr. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	K. Halbert	8/24/22	736	22022SA	03/2023	1000	998	(P) F	(L) F
ICV	K. Halbert	8/24/22	738	210917A	04/2022	100	100.0	(P) F	(L) F
CCV	J. Parnish	8/24/22	1531	220205B	3/22	50000	50012	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Explr. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	K. Halbert	8/24/22	745	4203B87	02/2024	7.01	23.3	7.01	-12.9	(P) F	(L) F
Calibr.	K. Halbert	8/24/22	753	2205F96	05/2024	4.00	23.9	4.00	163.9	(P) F	(L) F
Calibr.	K. Halbert	8/24/22	756	2202F29	08/2023	10.01	23.9	10.01	-186.3	(P) F	(L) F
ICV	K. Halbert	8/24/22	800	2205F96	05/2024	4.00	23.8	3.98	164.7	(P) F	(L) F
CCV	J. Parnish	8/24/22	1532	2202F29	8/23	10.00	24.0	10.07	-190	(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 10 173.4, slope from 4 to 7 176.8 (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: 08/01/2022

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 CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	K. Halbert	8/24/22	852	0.000	0.000	(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: