

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: Resident Canada RQ- 2023-10-16-58 Project: SMP: MWR

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 7/17/23

DO	DO DEP SOP	Name	Date	Time	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	L / F
Calibr.	10/16/23	Samatha Galinas	↑	652	18.6	757.6	9.33	9.32	99.7	—	1.035	① / F	① / F
ICV	10/16/23	Samatha Galinas	↑	656	19.0	757.7	9.25	9.31	100.2	—	—	① / F	① / F
CCV	10/16/23	Samatha Galinas	↑	1432	75.5	757.3	8.15	8.22	100.6	—	—	① / F	① / F
CCV	10/16/23	Samatha Galinas	1433	23027C	2/24	2000	—	—	—	—	—	① / F	① / 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.	Name	Date	Time	Lot #	Expir.	Standard	Meter Reading	Pass / Fail	L / F
FT 1200	10/16/23	Samatha Galinas	↑	658	23027C	2/24	2000	2000	① / F	① / F
Calibr.	10/16/23	Samatha Galinas	↑	760	2207695	7/24	100	102.5	① / F	① / F
CCV	10/16/23	Samatha Galinas	1433	23027C	2/24	2000	—	—	① / F	① / F
CCV	10/16/23	Samatha Galinas	1433	23027C	2/24	2000	—	—	① / F	① / F

Conductivity Acceptance criteria ± 5%

pH	DEP SOP	Name	Date	Time	Lot #	Expir.	pH	Temp	Meter	Pass	L / F
	FT 1100			CT-ET		Date	SU	°C	SU		P / F
Calibr.		Samatha Galinas	10/16/23	702	230607B	12/24	7.02	18.6	7.03	54.9	① / F
Calibr.				705	230526	5/25	4.00	19.1	4.00	120.5	① / F
Calibr.				706	230607C	12/24	10.08	18.8	10.07	219.2	① / F
ICV				709	230526	5/25	4.00	18.9	3.96	—	① / F
CCV		Samatha Galinas	10/16/23	1435	230607C	12/24	10.05	21.2	10.22	—	① / F
CCV											P / 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 10 164.3, slope from 4 to 7 175.4 (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: 8/19/23
If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: 3312A; Date of last verification: 8/19/23

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	L / F
Pressure mode in air							

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

COMMENTS: