

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

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

Meter ID:

VST 71

RQ:

04-09-16 Oaklawn Lakes
04-02-19 - Rice

Project:

Oaklawn Lakes
Rice Creek

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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

L-6

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

1/18

DO FDEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	B-V-	4/4/18	725	23.6	8.48	8.48	100	✓	1.04	(P) F	(L) F
ICV			726	23.6	8.48	8.50	100.1	✓	1.04	(P) F	(L) F
CCV			1554	22.7	8.62	8.73	101.1	✓	1.04	(P) F	(L) F
CCV										P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	B-V-	4/4/18	728	171129A	12/18	1000	1000	(P) F	(L) F
ICV			730	1470318	9/18	147	152	(P) F	(L) F
CCV			1555	3221413	7/18	1413	1406	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	B-V-	4/4/18	735	2711081	11/19	7.0	7.0	-9.0	(P) F	(L) F
Calibr.			740	2711517	10/19	4.0	4.0	161.2	(P) F	(L) F
Calibr.			742	2708A21	1/19	10.0	9.99	-176.9	(P) F	(L) F
ICV			745	2711081	11/19	7.0	7.03	-9.8	(P) F	(L) F
CCV			1556	2708A21	1/19	10.0	10.04	-179.5	(P) F	(L) F
CCV									P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 $\pm$ 50; mV pH 4 Range +180 $\pm$ 50; mV pH 10 Range -180 $\pm$ 50;
If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth 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	B-V-	4/4/18	750	0.00	0.00	(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:

QC/Scanned B17 4/9/18 JP 4/16/18