

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: Hodor

RO: 2019-05-2-46

Project: SMP- Kevin

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 4/30/19

DO	Location	Date	Time	Temp	DO	DO	DO	DO	DO	DO	DO	DO
Calibr.	Kristene T.	5/23/19	8:29	24.5	759	8.34	8.33	99.9	✓	1.03	P/F	L/F
ICV	"	"	8:31	24.5	759	8.34	8.32	99.7	✓	1.03	P/F	L/F
CCV	Kristene T.	5/23/19	15:09	27.2	759	7.94	7.93	99.7	✓	1.03	P/F	L/F
CCV												

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.

DO	Location	Date	Time	Temp	DO	DO	DO	DO	DO	DO	DO	DO
Calibr.	Kristene T.	5/23/19	8:33	2808E90	08/20	1000	1000	1000	1000	1000	P/F	L/F
ICV	"	"	8:36	2812A65	12/20	100	103	103	103	103	P/F	L/F
CCV	Kristene T.	5/23/19	15:11	"	"	"	"	1000	1000	1000	P/F	L/F
CCV											P/F	L/F

Conductivity Acceptance criteria ± 5%

Off Site ID #100	Name	Date	Time Region	Code	Start Date	pH Buffer St	Temp log	Water Leakage St	mv	Pass/Fail
Calibr.	Kristene T.	5/23/19	8:40	190073	02/21	7.01	24.4	7.01	-43.2	P/F L/F
Calibr.	"	"	8:42	190072	01/21	4.01	24.9	4.01	133.4	P/F L/F
Calibr.	"	"	8:44	187690	12/20	10.01	24.4	10.01	-223	P/F L/F
ICV	"	"	8:46	187690	12/20	10	24.4	10.01	-222	P/F L/F
CCV	Kristene T.	5/23/19	15:13	"	"	4	26.6	4.09	130.5	P/F L/F
CCV										P/F L/F

pH Acceptance criteria ±0.2 pH, mV ±1.7 mV, OR ±1.50

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 10 179.8, slope from 4 to 7 176.6 (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: 4/30/19

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
Pressure mode in air	Kristene T	5/23/19	8:50	0.00	0.00	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: