

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 name.

Meter ID:

A

Project:

SMP - Estero River

Notes: (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).

(2) Always wait for meter to stabilize before recording any readings.

(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

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 1/7/2016

DO DEP SOP FT 1500	Name	Date	Time (ET)	Temp. (°C)	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Corey Anderson	1/26/16	726	25.1	8.2	8.3	100	44	0.9	P F	L F
ICV	C.A.	1/26	737	25.1	8.2	8.1	99			P F	L F
CCV	Danny Berger	1/14/16	1414	25.0	8.3	8.4	97	45		P F	L F
CCV										P F	L F

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

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; DO charge N/A.

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

Spec. Cond. FT 1200	Name	Date	Time (ET)	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Corey Anderson	1/26/16	739	150915D	9/16	1000	1000	P F	L F
ICV	C.A.	1/26	740	150915C	3/16	100	102	P F	L F
CCV	Danny Berger	1/14/16	1451	150915D	9-16	1000	998	P F	L F
CCV								P F	L F

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time (ET)	Lot #	Expir. Date	pH Buffer	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Corey Anderson	1/26/16	742	156244	10/17	7.0	7.0	-49	P F	L F
Calibr.	C.A.	1/26	747	150915A	9/16	4.0	4.0	113	P F	L F
Calibr.	C.A.	1/26	748	150915B	3/17	10.0	9.9	-193	P F	L F
ICV	C.A.	1/26	751	150915B	3/17	10.0	9.9	-193	P F	L F
CCV	Danny Berger	1/14/16	1453	150915A	9-16	4.0	4.0	109	P F	L F
CCV									P F	L F

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 $\pm$ 50; mV pH4 Range +180 $\pm$ 50;

mV pH10 Range -180 $\pm$ 50; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater

Notes: