

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:

AER

Project:

SMP - Shark 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

Hotel

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

10/1/16

DO Sensor	Name	Date	Time	Temp	DO	DO	DO	DO	DO	DO	DO	DO
Calibr.	mat Seal	10/2/16	8:00	21.9	8.8	8.8	100	70.6	116	P	F	
ICV	Seal	10/2/16	8:00	21.0	8.7	8.7	100	70.6		P	F	
CCV	mat Seal	10/2/16	19:00	21.8	8.8	8.7	100	69.6		P	L	
CCV												

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	Name	Date	Time	Temp	Spec Cond	Spec Cond	Spec Cond	Spec Cond	Spec Cond	Spec Cond	Spec Cond	Spec Cond
Calibr.	mat Seal	10/2/16	8:15	26.0	203	6/18	1000	1000	P	F		
ICV	mat Seal	10/2/16	8:15	26.0	203	6/18	100	100	P	F		
CCV	mat Seal	10/2/16	19:00	26.0	203	6/18	5000	49749	P	L		
CCV												

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

Conductivity Acceptance criteria $\pm 5\%$

pH	Name	Date	Time	Temp	pH	pH	pH	pH	pH	pH	pH	pH
Calibr.	mat Seal	10/2/16	8:20	26.0	3.8	7.0	7.0	236	P	F		
Calibr.	"	"	"	16.5	4.0	4.0	4.0	141.9	P	F		
Calibr.	"	"	"	16.0	10.0	10.0	10.0	211	P	F		
ICV	mat Seal	10/2/16	8:20	16.0	9.0	10.0	10.0	211	P	F		
CCV	mat Seal	10/2/16	19:00	16.3	7.5	4.0	4.0	144	P	C		
CCV												

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU;

mV pH7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification

10/1/16

Depth Sensor (Daily)	Name	Date	Time	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air	mat Seal	10/2/16	745	0.000	0.0	P	F

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