

RG-216-10-10-13 OCT TREAD UP

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

Meter ID:

AE3

Project:

26 STGT 1610

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

- 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

7/11

DO DEP SOP (1000-1500)	Name	Date	Time (ET)	Temp	DO Chan	Start DO (mg/L)	% DO	Probe Chan	Probe Gain	Pass/Fail	Lab/Field
Calibr.	J. P. H. S.	10/10	9:48	23.1	8.6	8.6	100	70.6	1.13	P	L
ICV	"		9:50	23.1	8.6	8.6	100	69.6	—	P	L
CCV	J. P. H. S.	10/10	15:50	23.8	8.5	8.6	102	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 (ET)	Temp	DO Chan	Start DO (mg/L)	% DO	Probe Chan	Probe Gain	Pass/Fail	Lab/Field
Calibr.	J. P. H. S.	10/10	9:51	26.06003	7/18	1000	1000	P	L		
ICV	"		9:52	26.03682	3/18	100	102	P	L		
CCV	J. P. H. S.	10/10	15:51	26.06003	2/18	1000	1001	P	L		
CCV											

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

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP (1000-1500)	Name	Date	Time (ET)	Temp	pH Chan	Start pH	Probe Chan	Probe Gain	Probe Offset (mV)	Pass/Fail	Lab/Field
Calibr.	J. P. H. S.	10/10	9:53	16.856	4/18	7.0	7.0	-33	P	L	
Calibr.			9:55	16.523	3/18	4.0	4.0	143	P	L	
Calibr.			9:57	16.0910	3/18	10.0	10.0	-209	P	L	
ICV			9:59	16.0910	3/18	10.0	10.0	-208	P	L	
CCV	J. P. H. S.	10/10	15:53	16.523	3/18	4.0	4.0	—	P	L	
CCV											

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

mV pH7 Range 0 $\pm$ 50;

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

mV pH 10 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

7/11

Depth Sensor (Daily)	Name	Date	Time (ET)	Zero the Sensor	ICV Value	Pass/Fail	Lab/Field
Pressure mode in air	J. P. H. S.	10/10	10:00	0.000	0.00	P	L

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