

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

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

Meter ID:

143734

Project:

SMP SWANNEE #2

RD-2016-03-14-32

- 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

01/2016

DO	Name	Date	Time	Temp	D.O. Chart	Meter D.O.	% DO	Probe Charge	Probe Gain	Pass /	Lab /
DEP SOP FT 1500			CT-ET		ma/l	ma/l					
Calibr.	PO Connor	3/14/16	0745	23.7	8.46	8.42	100.0	—	—	Pass	LAD
ICV			0746	23.7	8.46	8.40	99.6	—	—	Pass	LAD
CCV	A. Kalmbacher	3/14/16	1455	24.2	8.38						
CCV			1555	24.0	8.41	7.91	93.9	—	—	*J Code	

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

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.	Name	Date	Time	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass /	Lab /
Cond.			CT-ET						
Calibr.	PO Connor	3/14/16	0748	160216A	02/2017	1000	1000	Pass	LAD
ICV			0750				995	Pass	LAD
CCV	A. Kalmbacher	3-14-16	1500	160216A	02/2017	1000	995	P	L
CCV			1503	150701A	7/2016	100	102	P	L

Report specific conductance as a whole number with no decimal figure. Conductivity Acceptance criteria $\pm 5\%$

pH	Name	Date	Time	Lot #	Expir. Date	pH Buffer	Meter reading	mV	Pass /	Lab /
DEP SOP			CT-ET			SLI	SLI			
Calibr.	PO Connor	3/14/16	0751	2509671	08/2017	7.0	7.00	—	Pass	LAD
Calibr.				2509674	09/2017	4.0	4.00	—	Pass	LAD
Calibr.				2506675	11/2016	10.0	9.86	—	Pass	LAD
ICV	A. Kalmbacher	3-14-16	1505	2509677	8/2017	7.00	7.07		P	L
CCV				150701A	7/2016	4.00	4.06		P	L
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 m

Depth (Quarterly)

Date of Last Depth Verification

N/A

Depth Sensor	Name	Date	Time	Zero the Sensor	ICV Value	Pass /	Lab /
Pressure mode				0.000			
in air							

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