

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:

Q-143734

Project:

Gainesville - 1

RD-2016-03-07-18

- 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

Lab

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

1/22/2016

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/l	Meter D.O. mg/l	% DO	Probe Charge	Probe Gain	Pass /	Lab /
Calibr.	J. Parrish	3/9/16	700	22.7	8.63	8.63	100	—	—	—	—
ICV	J	3/9/16	703	22.71	8.63	8.61	100.0			P	L
CCV	J. Gevertzel	3/9/16	1339	23.6	8.48	8.37	98.7	—	—	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 CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass /	Lab /
Calibr.	J. Gevertzel	3/9/16	0708	160216A	2/2017	1000	1001	P	L
ICV	J. Gevertzel	3/9/16	0710	150701A	7/2016	100	104	P	L
CCV	J. Gevertzel	3/9/16	1340	151135A	7/2017	1000	1002	P	L
CCV			1341			100	104		

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

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass /	Lab /
Calibr.	J. Gevertzel	3/9/16	0713	2509677	8/2017	7.0			P	L
Calibr.	J. Gevertzel	3/9/16	0715	2509F74	9/2017	4.0	3.98		P	L
Calibr.	J. Gevertzel	3/9/16	1354	2506675	11/2016	10.0	9.95		P	L
ICV	J. Gevertzel	3/9/16	0718	2506675	11/16	10.0	9.90		P	L
CCV	J. Gevertzel	3/9/16	1346	2509677	8/2017	7.0	7.20		P	L
CCV	J. Gevertzel	3/9/16	1352	2509F74	9/2017	4.0	4.19		P	L

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 m

Depth (Quarterly)

Date of Last Depth Verification

NA

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

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