

RQ-2012-07-23-25

SPRG1207

CALIBRATION and Continuing Calibration (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: 101901

1-6-06 v

Ichetucknee Area
Springs Quarterly
Ichetucknee, Blue Hole,
Devil's Ear, Mill Pond,
Mission
- Edgar

Date 9/12/12 Calibration Time (Pre Sample): 7:30 Post Sample Time: 19:10

Circle/Fill In: Lab Calibration or Calibration on Site
Temperature (Monthly)

Date of Last Temperature Verification

Ice Bath: Probe °C NIST °C Warm Bath: Probe °C NIST °C Pass or Fail P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 8.63 mg/L @ Temp. 23.02 °C % DO 100.3 (P) F

Calibrated Reading: 8.59 mg/L @ Temp. 22.96 °C % DO 100.0 (P) F

Pre Sample

Initial Calib. Verification: 8.59 mg/L @ Temp. 22.95 °C % DO 100.0 (P) F

Post Sample

Continuing Calib. Verification 8.61 mg/L @ Temp. 23.03 °C % DO 100.1 (P) F

Specific Conductance

In Calibrate Mode	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
Calibration:	4/13	2111199	100 μ mhos/cm	99 μ mhos/cm	100 (P) F
Pre Sample					
Initial Calib. Verification:	4/13	2111199	100 μ mhos/cm	100 μ mhos/cm	(P) F
Post Sample					
Continuing Calib. Verification	4/13	2111199	100 μ mhos/cm	99 μ mhos/cm	(P) F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:						
7.00 SU	12/12	108043	7.02 SU	23.07 °C	7.00 SU	23.07 °C (P) F
Initial Calibration Verification:						
Pre Sample						
7.00 SU	12/12	108043	7.00 SU	23.06 °C		(P) F
Continuing Calibration Verification:						
Post Sample						
7.00 SU	12/12	108043	6.99 SU	23.04 °C		(P) F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y (N)

Dissolved Oxygen Membrane Changed? Y (N)

Site ID:

Project:

Edgar Wade

Print name of person performing calibrations.

Acceptance Criteria: (DO $\pm$ 0.3mg/l) (Specific Conductance $\pm$ 5%) (pH $\pm$ 0.2SU) (Temperature $\pm$ 0.2°C) Warm bath Appx. 40°C