

QD00976-Q100970

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

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

Meter ID: ~~QD02228-Q102027~~ 41 1-6-06 version

Date 2/16/10 Calibration Time (Pre Sample): 11:55 Post Sample Time: 16:22

Circle/Fill In: Lab Calibration or Calibration on Site Yes
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: 10.47 mg/L @ Temp. 13.27 °C % DO 100.0 (P) F

Calibrated Reading: 10.49 mg/L @ Temp. 13.23 °C % DO 100.1 (P) F

Pre Sample

Initial Calib. Verification: 10.75 mg/L @ Temp. 12.92 °C % DO 101.8 (P) F

Post Sample

Continuing Calib. Verification 26.53 mg/L @ Temp. 8.14 °C % DO 101.4 (P) F
8.14 26.53

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode					
Calibration:	<u>01/11</u>	<u>2907738</u>	<u>1000</u> $\mu\text{mhos/cm}$	<u>1010</u> $\mu\text{mhos/cm}$	<u>999</u> (P) F
Pre Sample					
Initial Calib. Verification:	<u>06/11</u>	<u>2912475</u>	<u>100</u> $\mu\text{mhos/cm}$	<u>100</u> $\mu\text{mhos/cm}$	(P) F
Post Sample					
Continuing Calib. Verification	<u>06/11</u>	<u>2912475</u>	<u>100</u> $\mu\text{mhos/cm}$	<u>101</u> $\mu\text{mhos/cm}$	(P) F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
In Calibrate Mode						
Initial Calibration:						
7.00 SU	<u>06/10</u>	<u>083501</u>	<u>6.73</u> SU	<u>12.00</u> °C	<u>7.00</u> SU	<u>12.02</u> °C (P) F
In Read Mode						
Initial Calibration Verification:						
Pre Sample						
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>10.18</u> SU	<u>12.26</u> °C		(P) F
Continuing Calibration Verification:						
Post Sample						
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>10.18</u> SU	<u>14.01</u> °C		(P) F

Maintenance Specific Conductance Probe Cleaned? Y (N)
Notes: Dissolved Oxygen Membrane Changed? Y (N)
-Car buoy cleaned w/ liquinox
on 2/15/10

Site ID: Tarpon Hole Hunter Spring
Project: SPR61001

Laura Hester

Print name of person performing calibrations.

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