

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: LD00 QD02228 - Qto2027 1-6-06 version

Date 1/6/09 Calibration Time (Pre Sample): 11:39 Post Sample Time: 9:42 on 1/7/09

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: 8.90 mg/L @ Temp 20.96 °C % DO 100.0 ☒ P ☐ F

Calibrated Reading: 8.91 mg/L @ Temp 20.96 °C % DO 100.0 ☐ P ☒ F

Pre Sample

Initial Calib. Verification: 8.90 mg/L @ Temp 21.03 °C % DO 100.0 ☐ P ☒ F

Post Sample

Continuing Calib. Verification 9.13 mg/L @ Temp 20.47 °C % DO 101.2 ☐ P ☒ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode						
Calibration:	<u>03-09</u>	<u>4803126</u>	<u>1000</u> µmhos/cm	<u>994</u> µmhos/cm	<u>1000</u> µmhos/cm	☐ P ☒ F
Pre Sample						
Initial Calib. Verification:	<u>03-09</u>	<u>1804436</u>	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm		☐ P ☒ F
Post Sample						
Continuing Calib. Verification	<u>03-09</u>	<u>4803126</u>	<u>1000</u> µmhos/cm	<u>983</u> µmhos/cm		☐ P ☒ F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode							
Initial Calibration:							
7.00 SU	<u>01/10</u>	<u>076877</u>	<u>7.05</u> SU	<u>20.72</u> °C	<u>6.99</u> SU	<u>20.73</u> °C	☐ P ☒ F
Initial Calibration Verification:							
Pre Sample							
10.00 SU	<u>12/09</u>	<u>076518</u>	<u>10.18</u> SU	<u>20.75</u> °C			☐ P ☒ F
Continuing Calibration Verification:							
Post Sample							
7.00 SU	<u>01/10</u>	<u>076877</u>	<u>7.17</u> SU	<u>20.57</u> °C			☐ P ☒ F

Maintenance

Notes:

Specific Conductance Probe Cleaned? ☒ Y ☐ N
Dissolved Oxygen Membrane Changed? ☒ Y ☐ N

Cap body cleaned w/ Liquinox 1/5/09

Site ID:

Troy LH

Project:

SPR608 SPR60901

Laura Hester

Print name of person performing calibrations.

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