

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

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

Meter ID: QD02228 - Q202027 1-6-06 version

Date 10/27/09 Calibration Time (Pre Sample): 12:03 Post Sample Time: 12:30 on 10/28/09

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: 8.37 mg/L @ Temp. 25.73 °C % DO 102.7 ☐ P ☐ F

Calibrated Reading 8.13 8.14^u mg/L @ Temp. 25.83 °C % DO 100.0 ☐ P ☐ F

Pre Sample Initial Calib. Verification: 8.02 mg/L @ Temp. 26.10 °C % DO 99.0 ☐ P ☐ F

Post Sample Continuing Calib. Verification 8.17 mg/L @ Temp. 25.85 °C % DO 100.3 ☐ P ☐ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode Calibration:	<u>01/11</u>	<u>02/11</u> ^u	<u>2907738</u>	<u>1000</u>	<u>1002</u>	<u>998</u> ☐ P ☐ F
			μmhos/cm	μmhos/cm	μmhos/cm	
Pre Sample Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>101</u>		☐ P ☐ F
			μmhos/cm	μmhos/cm		
Post Sample Continuing Calib. Verification:	<u>02/11</u> ^u	<u>2907738</u>	<u>1000</u>	<u>992</u>		☐ P ☐ F
	<u>01/11</u>		μmhos/cm	μmhos/cm		

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode Initial Calibration:	<u>04/10</u>	<u>082161</u>	<u>6.97</u>	<u>26.60</u> °C	<u>7.00</u>	<u>26.60</u> °C	☐ P ☐ F
			SU		SU		
Initial Calibration Verification:							
Pre Sample	<u>07/10</u>	<u>083289</u>	<u>10.15</u>	<u>25.90</u> °C			☐ P ☐ F
			SU				
Continuing Calibration Verification:							
Post Sample	<u>04/10</u>	<u>082161</u>	<u>7.06</u>	<u>26.19</u> °C			☐ P ☐ F
			SU				

Maintenance

Notes:

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

Car buoy cleaned w/ liquinox
on 10/26/09

Site ID: Marion Salt Springs

Project: SPR60910

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