

ACEPD CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: **YSI Pro Series**

This Sheet is for when you **CALIBRATE**

March 2018 version

CCV = Initial Calibration Verification (done in Read Mode)

Date 11/20/2019 Calibration Time 0835 Project Name SRB 1911

Circle/Fill In: Lab Calibration or Calibration on Site _____

Temperature (Monthly)

Date of Last Temperature Verification _____

Pass or Fail

Probe _____ °C NIST _____ °C Probe _____ °C NIST _____ °C P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 15.1 °C 100.4 % 10.48 mg/L P ☒ F

Calibrated Reading: 15.2 °C 100.3 % 10.08 mg/L ☒ P F

ICV: 15.2 °C 100.3 % 10.09 mg/L ☒ P F

Specific Conductance

Calibration:	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	P	F
☒			<u>100</u>	<u>103</u>	_____ μ S/cm	☒	☐
ICV:			<u>100</u>	<u>103</u>		☒	☐
ICV:			<u>1000</u>	<u>1003</u>		☒	☐
ICV:						☐	☐

pH

In Calibrate Mode

Standard	Exp. Date	Lot #	Initial Reading Temperature	pH	Calibrated Reading Temperature	pH	P	F
7.00 SU			<u>16.5</u>	<u>7.17</u>	<u>16.5</u>	<u>7.00</u>	☒	☐
10.00 SU			<u>16.8</u>	<u>10.17</u>	<u>16.8</u>	<u>10.00</u>	☒	☐
4.00 SU			<u>16.9</u>	<u>4.02</u>	<u>16.9</u>	<u>4.00</u>	☒	☐

In Read Mode (use same standards used during calibration)

Standard	Temperature	pH Reading	pH mV Reading	P	F
ICV: 7.00 SU	<u>16.9</u> °C	<u>6.98</u>	<u>-44.5</u> pH mV	☐	☐
ICV: 10.00 SU	<u>16.8</u> °C	<u>10.03</u>	<u>-212.3</u> pH mV	☐	☐
ICV: 4.00 SU	<u>16.9</u> °C	<u>3.90</u>	<u>126.8</u> pH mV	☒	☐

Maintenance:

Specific Conductance Probe Cleaned? ☒ Y ☒ N
 pH Probe Cleaned? ☒ Y ☒ N
 Dissolved Oxygen Membrane Changed? ☒ Y ☒ N
 Were the batteries replaced? ☒ Y ☒ N

Notes:

Efrain Tavaraz

Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3 mg/l) (Specific Conductance $\pm 5\%$) (pH ± 0.2 SU) (Temperature ± 0.5 °C)
 Record Temperature and pH to 1 decimal place; D.O. to 2 decimal places

CONTINUING CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: **YSI Pro Series**

This Sheet is for **CALIBRATION CHECKS**

March 2018 version

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

CCV= Continuing Calibration Verification (done in Read mode)

SS= Same Standard Used for Initial Calibration (Exp Date and Lot # not required if Y is circled)

Date 11/20/2019 Time 1655 Circle CCV that applies: End of day Mid-Day Morning

Project Name: SRB 1911 Analyst Name: E. TAVAREZ

Dissolved Oxygen

CCV: 21.5 °C 101.1 % 8.93 mg/L

IF oxygen fails re-calibrate and fill out the following:

Calibrated Reading: _____ °C _____ % _____ mg/L

ICV: _____ °C _____ % _____ mg/L

Pass or Fail

P F

P F

P F

Specific Conductance

SS Exp. Date Lot # Standard Reading

CCV: Y N _____ 100 104

CCV: Y N _____ 1000 1000

CCV: Y N _____ _____

µS/cm

µS/cm

P F

P F

P F

pH

SS Exp. Date Lot # Standard Temperature pH

CCV: Y N _____ 7.00 16.7 °C 7.00 SU

CCV: Y N _____ 10.00 17.2 °C 9.94 SU

CCV: Y N _____ 4.00 16.9 °C 3.90 SU

P F

P F

P F

Notes:

Were the batteries replaced? Y N

Date _____ Time _____ Circle CCV that applies: _____ End of day Mid-Day Morning

Project Name: _____ Analyst Name: _____

Dissolved Oxygen

CCV: _____ °C _____ % _____ mg/L

IF oxygen fails re-calibrate and fill out the following:

Calibrated Reading: _____ °C _____ % _____ mg/L

ICV: _____ °C _____ % _____ mg/L

Pass or Fail

P F

P F

P F

Specific Conductance

SS Exp. Date Lot # Standard Reading

CCV: Y N _____ _____

CCV: Y N _____ _____

CCV: Y N _____ _____

µS/cm

µS/cm

P F

P F

P F

pH

SS Exp. Date Lot # Standard Temperature pH

CCV: Y N _____ 7.00 _____ °C _____ SU

CCV: Y N _____ 10.00 _____ °C _____ SU

CCV: Y N _____ 4.00 _____ °C _____ SU

P F

P F

P F

Notes:

Were the batteries replaced? Y N

Acceptance Criteria: (DO ± 0.3 mg/l) (Specific Conductance $\pm 5\%$) (pH ± 0.2 SU) (Temperature ± 0.5 °C)

Record Temperature and pH to 1 decimal place; D.O. to 2 decimal places