

CALIBRATION AND VERIFICATION 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:

101025

Project:

Blue Cypress

- Notes: (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

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

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

9/26/16

DO FDEP SOP FT 1500	Name	Date	Time ET-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Matt Seel	10/26/16	10:15	24.0	8.4	8.4	100	51.2	1.11	P	L
ICV				23.9	8.4	8.4	100	50.2		P	L
CCV	A. Hurley	10/26	1630	23.6	8.5	8.2	97	50.2		P	L
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
 Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time ET-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Matt Seel	10/26/16	10:30	2606203	2/18	1000	1000	P	L
ICV				2604736	3/18	100	102	P	L
CCV	A. Hurley	10/26	1630	1511890	10/17	500	583	P	L
CCV									

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP SOP FT 1400	Name	Date	Time ET-ET	Lot #	Expir. Date	pH Buffer SU	Meter Reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Matt Seel	10/26/16	10:40	161856	4/18	7.0	7.0	-197	P	L
Calibr.				163007	5/18	4.0	4.0	259	P	L
Calibr.				160910	3/18	10.0	10.0	-198	P	L
ICV	Matt Seel	10/26/16	10:45	160910	3/18	10.0	10.0	-198	P	L
CCV	A. Hurley	10/26	1630	163084	5/18	4.0	4.1		P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 10 Range -180 ± 50 ;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

mV pH 4 Range $+180 \pm 50$;

Depth (Quarterly)

Date of Last Depth Verification

9/26/16

Depth Sensor (Daily)	Name	Date	Time ET-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air	Matt Seel	10/26/16	10:00	0.000	0.0	P	L

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater