

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

YSI # 3

2017-09-18-10

LSJR Pwn ren

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

5/31/17

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. P. Smith	9/19/17	735	23.36	8.51	8.52	100	58.4	-	P	L
ICV	J	J	736	23.4	8.57	8.53	100.0	58.4	-	P	L
CCV	J. P. Smith	9/19/17	1315	25.7	8.16	8.28	101.6	59.4	-	P	L

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 CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. P. Smith	9/19/17	737	170720A	8/18	1000	1000	P	L
ICV	J	J	742	1298117	12/17	12900	12600	P	L
CCV	J. P. Smith	9/19/17	1316	8147201	3/18	147	150	P	L
CCV									

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

Conductivity Acceptance criteria $\pm 5\%$

DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. P. Smith	9/19/17	747	1607A12	6/18	7.0	7.00	-22.1	P	L
Calibr.	J	J	748	2707722	6/19	4.0	4.00	140.6	P	L
Calibr.	J	J	749	2704748	9/18	10.0	9.98	197.4	P	L
ICV	J	J	752	2704748	9/18	10.0	10.03	-	P	L
CCV	J. P. Smith	9/19/17	1317	2707722	1/19	4.00	4.04	136.8	P	L
CCV										

mV pH 10 Range -180 $\pm$ 50; pH acceptance criteria +, - 0.2

mV pH7 Range 0 $\pm$ 50;

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

Depth (Quarterly)

Date of Last Depth Verification

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air	J. P. Smith	9/19/17	751	0.000	0.0	P	

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