Holds 297mL liquid

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

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD4000)

Meter ~~YSI 556#1~~ YSI #4 RQ- 2016-05-02-29 Project Nassau West

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 L.6

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 4/16

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.	B Davis	5/3/16	741	22.85	8.59	8.59	100	46.1		P	L
ICV	↓	↓	742	22.89	8.59	8.58	99.8	46.1		P	L
CCV	↓	↓	~~1546~~	~~24.8~~							
CCV	↓	↓	1359	22.8	8.44	8.44	103.4	49.2		P	L

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. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
Optical: DO gain range 0.85 to 1.15; DO charge N/A. **Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	B Davis	5/3/16	744	160216A	2/17	1000	1000	P	L
ICV	↓	↓	745	↓	↓	1000	1000	P	L
CCV	↓	↓	1350			100	104		
CCV									

Report specific conductance as a whole number with no decimal figure. Conductivity Acceptance criteria ±5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	B Davis	5/3/16	747	~~160216A~~ 2509677	~~2/17~~ 8/17	7.0	7.0		P	L
Calibr.	↓	↓	749	2509F74	9/17	4.0	4.0		P	L
Calibr.			750	25K-A83	4/17	10.0	10.0		P	L
ICV			~~750~~ 755	~~160216A~~	~~2/17~~	7.0	7.05	-59.4	P	L
CCV	B Davis	5/3/16		2509677	8/17					
CCV	↓	↓	1352	2509F74	9/17	4.0	4.05	117.3	P	L

Report pH with one decimal place; pH Acceptance criteria ±0.2 SU; mV pH7 Range 0±50; mV pH 4 Range +180±50;
mV pH 10 Range -180±50; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly) Date of Last Depth Verification 4/16

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air	B Davis	5/3/16	500	0.000	0.00	P	L

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