

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

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

Meter ID:

143734

Project:

SMP Nassau West

RO-2016-02-08-46

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

Lc6

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

1/16/16

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	2/9/16	850	21.60	8.81	8.81	100	/	/	P	L
ICV	↓	↓	851	21.63	8.81	8.25	99.6	/	/	P	L
CCV	B Davis	2/9/16	1317	21.96	8.25	7.74	88.4	/	/	F	L
CCV											

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

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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	B Davis	2/9/16	854	15111313	11/16	1000	1000	P	L
ICV	↓	↓	856	↓	↓	1000	997	P	L
CCV	B Davis	2/9/16	1325	0518413	6/16	1413	1321	F	L
CCV									

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

Conductivity Acceptance criteria $\pm 5\%$

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	2/9/16	759	2504B18	4/17	7.0	7.0	/	P	L
Calibr.	↓	↓	804	2509F74	9/17	4.0	4.0	/	↓	↓
Calibr.	↓	↓	807	2506C75	11/16	10.0	10.0	/	↓	↓
ICV	↓	↓	810	2504B18	4/17	7.0	6.98	/	P	L
CCV	B Davis	2/9/16	1327	2509F74	9/17	4.0	3.88	/	P	L
CCV										

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