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 Quanta #1 RQ- 2017-05-08-20 Project LSSR RBS/CWS

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 02-09-2017

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.	P O'Connor	05-11-17	0650	23.6	8.48	8.47	99.9	—	—	Pass	CMD
ICV	V	V	0655	23.6	8.48	8.44	100.0	—	—	Pass	CMD
CCV	~~PO'Conn~~	~~05-11-17~~	~~1350~~	~~24.0~~	8.44	~~8.7~~					
CCV	PO'Conn	05-11-17	1350	23.8	~~8.48~~	8.70	103.2	—	—	Pass	CMD

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.	P O'Connor	05-11-17	0657	170315B	03-2018	1000	1000	Pass	CMD
ICV	V	V	0659	170315A	03-2018	1000	101	Pass	CMD
CCV	PO'Conn	05-11-17	1355	1298117	12/2017	12900	13540	Pass	CMD
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.	P O'Connor	05-11-17	0701	2702C47	02-2019	7.0	7.00	—	Pass	CMD
Calibr.	↓	↓	0709	2601F42	10-2018	4.0	4.00	—	Pass	CMD
~~Calibr~~ CCV	↓	↓	0715	2611998	05-2018	10.0	9.86	—	Pass	CMD
~~ICV~~ CCV	PO'Conn	05-11-17	1403	2702C47	02-2018	7.0	7.1	—	Pass	CMD
CCV										
CCV										

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 N/A

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

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