RQ-2016-01-11-43

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

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

Meter ID: Lot 603 Project: SAV

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.

DO is J'd

Circle/Fill In: (Lab Calibration) or Calibration/Verification on Site _____

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 12-15-15

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.	Mark Dodd	1/11/16	11:45	22.0	8.7	8.8	100	58.4	1.17	P	L
ICV	"			22.0	8.7	8.8	101			P	L
CCV	TOM WIPPRICH	1/11/16	1830	22.9	8.6	9.6	110			F	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. **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.	Mark Dodd	1/11/16	12:00	150914	10/2016	1000	1000	P	L
ICV	"	"	"	150811	2/16	100	104	P	L
CCV	TOM WIPPRICH	1/11/16	1830	140917A	4/16	5000	5067	P	L
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.	Mark Dodd	1/11/16	12:00	150812	3/17	7.0	7.0	-34	P	L
Calibr.	"	"		153225	5/17	4.0	4.0	146	P	L
Calibr.			12:00	149101	1/17	10.0	10.00	-212	P	L
ICV				149101	1/17	10	10.0		P	L
CCV	TOM WIPPRICH	1/11/16	1830	153225	5/17	4.0	4.1	144	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±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 10/8/14

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air	Mark Dodd	1/11/16	12:00	0.000	0.00	P	L

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