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

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

Meter ID: A Project: LMP Philippi + Wa Ke

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 6/22/2016

DO DEP SOP FT 1500	Name	Date	Time (ET)	Temp. (°C)	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Rosemary Murphy	9/19	0713	26.2	8.08	7.94	100.0	73.7		(P) F	(L) F
ICV	" BP	"	0716	25.27	8.23	8.22	100.0	73.7		(P) F	(L) F
CCV		1656	1656	28.0	7.8	7.8	99	73.7		P / F	L / F
CCV										P F	L F

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 (ET)	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Rosemary Murphy	9/19	0719	160418A	4/17	1000	1003	(P) F	(L) F
ICV	" BP	9/19	0724	160318	9/16	100	100	(P) F	(L) F
CCV		1700 →	150915E		9/16	500	503	(P) F	(L) F
CCV								P F	L F

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

pH DEP SOP FT 1100	Name	Date	Time (ET)	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Rosemary Murphy	9/19	0729	160222A	9/17	7.0	7.0	-59.1	(P) F	(L) F
Calibr.	" BP	"	0732	160523	3/18	4.0	4.0	177.5	(P) F	(L) F
Calibr.	"	"	0737	160126	2/18	10.0	10.0	-237.1	(P) F	(L) F
ICV	BP	9/19	1705			4.0	4.17	107	(P) F	(L) F
CCV						10.0			P F	L F
CCV									P F	L F

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 _____

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

Notes: _____