

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 name.

Meter ID: A

Project: Culver

- 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 1-7-16

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.	Chris Lin	5/2/16	0730	23.5	8.5	8.5	100.0	41.0		☒ F ☐ F	☐ F ☒ F
ICV	"	"	0733	23.6	8.4	8.3	98.1	40.0		☒ F ☐ F	☐ F ☒ F
CCV	BP	"	1445	26.0	8.1	8.2	99	41.0		☐ F ☒ F	☐ F ☒ F
CCV										☐ F ☒ F	☐ F ☒ 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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Chris Lin	5/2/16	0735	150915D	9/16	1,000	1,000	☒ F ☐ F	☐ F ☒ F
ICV	"	"	0737	150915D	9/16	1,000	998	☒ F ☐ F	☐ F ☒ F
CCV	BP	11	1450	150915E	9/16	500	505	☒ F ☐ F	☐ F ☒ F
CCV								☐ F ☒ F	☐ F ☒ F

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

pH DEP SOP FT 1100	Name	Date	Time (ET)	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Chris Lin	5/2/16	0739	160222A	9/17	7.0	7.0	-62.8	☒ F ☐ F	☐ F ☒ F
Calibr.	"	"	0742	160222B	3/17	4.0	4.0	106.5	☒ F ☐ F	☐ F ☒ F
Calibr.	"	"	0744	150915B	3/17	10.0	10.0	-240.3	☒ F ☐ F	☐ F ☒ F
ICV	"	"	0747	150915B	3/17	10.0	9.9	-235.1	☒ F ☐ F	☐ F ☒ F
CCV	BP	"	1455	150915B	9/16	4.0	4.1	100.2	☒ F ☐ F	☐ F ☒ F
CCV				160222B	3/17				☐ F ☒ F	☐ F ☒ F

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 $\pm$ 50; mV pH 4 Range $\pm 180 \pm 50$;
 mV pH 10 Range -180 $\pm$ 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 $\pm 5\%$ or $\pm 0.05m$, whichever is greater

Notes: _____