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: Lil Gus Project: SMP - E - Canals

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 1/23/17

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.	Drew Liddick	2/27/17	920	22.3	8.7	8.7	100	48.2	1.15	P	L
ICV	"	"	922	22.4	8.7	8.7	100	47.1		P	L
CCV	Matt Sell	2/27/17	1730	20.4	9.0	9.2	102	62.5		P	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.	Drew Liddick	2/27/17	923	2610B64	10/18	1000	1000	P	L
ICV	"	"	~~923~~ 924	2604736	3/18	100	105	P	L
CCV	Matt Sell	2/27/17	1730	1610C9	1/18	100,000	100228		
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.	Drew Liddick	2/27/17	925	165674	08/18	7.0	7.0	-10.8	P	L
Calibr.	↓	↓	926	164668	7/18	4.0	4.0	166.2	P	L
Calibr.	↓	↓	927	160910	3/18	10.0	10.0	-188.1	P	L
ICV	↓	↓	928	160910	3/18	10.0	10.0	-187.1	P	L
CCV	Matt Sell	2/27/17	1730	164668	7/18	4.0	4.0	161.3	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 1/23/17

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air	Drew Liddick	2/27/17	929	0.000	0.000	P	L

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