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: L.Y. GVS Project: FT Drum Creek SAP

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 6/13/16

DO (DEP SOP FT 1500)	Name	Date	Time ET-ET	Temp °C	DO Gain	Meter DO mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. PINS	8/15	9:24	24.4	8.4	8.4	100	563	1.17	P	L
ICV	" "	" "	9:25	24.4	8.4	8.4	100	563	—	P	L
CCV	Brewton	8/15/16	16:30	25.5	8.2	8.3	101			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.

SC (DEP SOP FT 1500)	Name	Date	Time ET-ET	Lot #	Expir. Date	Std. Value	Meter Reading	Pass / Fail	Lab / Field
Calibr.	J. PINS	8/15	9:27	2606003	2/18	1000	1000	P	L
ICV	" "	" "	9:28	2603L82	3/18	100	101	P	L
CCV	Brewton	8/15/16	16:35	2606003	2/18	1000	996	P	L
CCV									

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

pH (DEP SOP FT 1500)	Name	Date	Time ET-ET	Lot #	Expir. Date	pH Buffer	Meter Reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. PINS	8/15	9:30	161855	4/18	7.0	7.0	-15.0	P	L
Calibr.	↓	↓	9:31	161523	3/18	4.0	4.0	162.3	P	L
Calibr.	↓	↓	9:32	156700	10/17	10.0	10.0	-199.4	P	L
ICV	↓	↓	9:33	156700	10/17	10.0	10.0	-193.6	P	L
CCV	Brewton	8/15/16	16:40	161503	3/18	4.0	4.0		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 6/13/16

Depth Sensor (Daily)	Name	Date	Time ET-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air	J. PINS	8/15	9:34	0.000	0.00	P	L

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