

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: SNEK RQ: Project: CCHMN

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (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 6/19/18

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 6/19/18

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.	M. DUGAN	6/20/18	0711	24.0	8.48	8.44	100			P/F	L/F
ICV	M. DUGAN	6/20/18	0712	24.0	8.48	8.44	100			P/F	L/F
CCV	N. Reistad	6/20/18	1528	27.7	7.87	7.89	100			P/F	L/F
CCV											

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
 Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	M. DUGAN	6/20/18	0713	171211A	12/18	10,000	10,000	P/F	L/F
ICV	"	"	0719	180321B	04/19	1000	972	P/F	L/F
CCV	N. Reistad	6/20/18	1536	171211B	12/18	100	99	P/F	L/F
CCV	N. Reistad	"	1538	180321D	04/19	50,000	48259	P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

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.	M. DUGAN	6/20/18	0726	177435	10/19	7.0	7.0		P/F	L/F
Calibr.	"	"	0728	180710	02/20	4.0	4.0		P/F	L/F
Calibr.	"	"	0731	178540	12/19	10.0	10.0		P/F	L/F
ICV	"	"	0734	178540	12/19	10.0	10.0		P/F	L/F
CCV	N. Reistad	6/20/18	1541	180710	02/20	4.0	4.05		P/F	L/F
CCV										

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;
 If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass/ Fail	Lab/ Field
Pressure mode in air						P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: