

RQ-2017-08-28-32

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 page.

Meter ID: Eil GasProject: Okeechobee SMD

- Notes: (1) Report all digits displayed for each measurement. Do not round before reporting measurements.
(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 7/11/17

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 L. Hild	8/29/17	750	25.5	8.2	8.2	100	65.5	0.80	☒ F	☒ F
ICV			752	25.5	8.2	8.2	100	65.5	—	☒ F	☒ F
CCV	J. P. Hys	8/29/17	1408	26.7	8.0	8.1	102	66.5	—	☒ F	☒ F
CCV										P / F	L / F

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.	Drew L. Hild	8/29/17	754	2703066	3/19	1000	1000	☒ F	☒ F
ICV			756	2703621	3/19	100	102	☒ F	☒ F
CCV	J. P. Hys	8/29/17	1410	2601525	12/17	5000	4973	☒ F	☒ F
CCV								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.	Drew L. Hild	8/29/17	758	162571	4/18	7.0	7.0	-23.9	☒ F	☒ F
Calibr.			800	171241	3/19	4.0	4.0	155.0	☒ F	☒ F
Calibr.			802	163619	6/18	10.0	10.0	-198.7	☒ F	☒ F
ICV			804	163619	6/18	10.0	10.0	-198.6	☒ F	☒ F
CCV	J. P. Hys	8/29/17	1412	171241	3/19	4.0	4.0	151.8	☒ F	☒ F
CCV									P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 ± 50 ;mV pH 4 Range $+180 \pm 50$;mV pH 10 Range -180 ± 50 ;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification 7/11/17

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.000 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air	Drew L. Hild	8/29/17	806	0.000	0.000	☒ F	☒ F

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

COMMENTS: