

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: SNEK

RQ: 2019-06-03-56

Project: Caloosa Creek /

06-03-59

SMP: Okeel Canals

- 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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 03/19/2019

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	N. Reistad	06/03/19	0719	26.3	755.1	8.0	8.01	99.4		1.223281	(P) F	(L) F
ICV			0720	26.3	755.1	8.0	8.03	99.4			(P) F	(L) F
CCV	Garry Smart	6/3/19	1459	28.0	754.7	7.8	7.87	100.7			(P) F	(L) F
CCV											P / F	L / F

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 (Pro DSS 0.75 to 1.50); 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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	N. Reistad	06/03/19	0726	2904947	03/21	1000	1000	(P) F	(L) F
ICV			0728	2810341	10/21	500	493	(P) F	(L) F
CCV	Garry Smart	6/3/19	1452	1805222	06/19	100	103.3	(P) F	(L) F
CCV	Garry Smart	6/3/19	1454	2811660	11/20	50,000	51137	(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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	N. Reistad	06/03/19	0739	191304	03/21	7.6994	26.1	7.00	-22.1	(P) F	(L) F
Calibr.			0742	190072	01/21	4.011	26.3	4.01	150.2	(P) F	(L) F
Calibr.			0744	190071	01/21	10.9994	26.5	9.99	-253.6	(P) F	(L) F
ICV			0745	190071	01/21	10.003	26.4	9.96		(P) F	(L) F
CCV	Garry Smart	6/3/19	1457	191304	03/21	7.00	29.7	6.87		(P) F	(L) F
CCV										P / F	L / F

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 10 181.5, slope from 4 to 7 172.3 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: 33128; Date of last verification: 12/26/18

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: