

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: 2019-11-18-12-54

Project: SMP: Josephine + Oke

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 10/01/19

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.	Nicole Reistad	11/21/19	0840	23.8	760.3	8.4	8.45	100.0		1.2645	(P) F	(L) F
ICV			0841	23.8	760.3	8.4	8.45	99.9			(P) F	(L) F
CCV			1627	24.8	758.0	8.3	8.25	99.4			(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 umhos/cm	Meter Reading umhos/cm	Pass / Fail	Lab / Field
Calibr.	Nicole Reistad	11/21/19	0821	2907D40	07/21	1000	1000	(P) F	(L) F
ICV			0828	2907F48	07/21	500	504	(P) F	(L) F
CCV			1623	2905F63	05/21	100	102	(P) F	(L) 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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Nicole Reistad	11/21/19	0831	194546	07/21	7.00	24.4	7.01	-39.0	(P) F	(L) F
Calibr.			0833	193247	05/21	4.01	24.4	4.00	140.4	(P) F	(L) F
Calibr.			0835	193874	06/21	10.02	24.2	10.01	-218.3	(P) F	(L) F
ICV			0836	193874	06/21	10.02	23.9	10.00		(P) F	(L) F
CCV			1625	193247	05/21	4.01	24.3	4.15		(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 _____, slope from 4 to 7 _____ (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: 06/18/19

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-
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