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Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) 11-10-05

Project/Site: Eglin East JRP

Date: 10/16/16

Meter # DEP 132237

Temperature (Quarterly) For Date of Last Temperature Verification see in log book

Dissolved Oxygen

DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL ICV CCV	AM	10/16	0800			8.40	23.8	100	8.450	P
CAL ICV CCV	M	10/16	1530			8.5	23.2	100	8.530	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P

Acceptance Criteria: $\pm 0.3 \text{ mg/L}$

Specific Conductance

DEP SOP FT 1200	Initials	Date	Time	Standard $\mu\text{mhos/cm}$	Exp. Date	Lot #	Bottle #	Cell Constant	Reading $\mu\text{mhos/cm}$	Pass or Fail
CAL ICV CCV	AM	10/16	0800	143	7/14/17	KCM-S			1413	P
CAL ICV CCV	M	10/16	1535	100	11/17	2511994			104	P
CAL ICV CCV		10/16		100	11/17	2511994			101	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P

Acceptance Criteria: $\pm 5\%$

pH

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	mV / Slope	Reading SU	Pass or Fail
CAL ICV CCV	AM	10/16	0800	7	5/17	250258			6.8	P
CAL ICV CCV	M	10/16		4	3/18	2403191			4.8	P
CAL ICV CCV	M	10/16		10	4/17	2403191			10.0	P
CAL ICV CCV	M	10/16	1540	4	3/18	2403191		140.7	4.14	P
CAL ICV CCV		10/16		10	10/20/17	14651346		-204.5	10.1	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P

Acceptance Criteria: $\pm 0.2 \text{ SU}$

Maintenance: Weekly pH Slope: _____

Specific Conductance Probe Cleaned? Yes No Dissolved Oxygen Membrane Changed: Yes No

Notes:

Perform only in Calibrate Mode: CAL - Calibrate
Perform only in Run Mode: ICV - Initial Calibration Verification
Perform only in Run Mode: CCV - Continuing Calibration Verification

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Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) 11-10-05

Project/Site: Sted us Small Lakes Date: 10-06-2016 Meter # DEP 113529

Temperature (Quarterly) For Date of Last Temperature Verification see in log book

Dissolved Oxygen		DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL	ICV CCV		FB	10/6/16	08:15			23.5	8.35	8.49	P
CAL	ICV CCV										P
CAL	ICV CCV										P
CAL	ICV CCV		FB	10/6/16	16:40			21.9	7.81	7.92	P
CAL	ICV CCV										P
CAL	ICV CCV										P
CAL	ICV CCV										P
CAL	ICV CCV										P

Specific Conductance		DEP SOP FT 1200	Initials	Date	Time	Standard $\mu\text{mhos/cm}$	Exp. Date	Lot #	Bottle #	Cell Constant	Reading $\mu\text{mhos/cm}$	Pass or Fail
CAL	ICV CCV		FB	10/6/16	8:20	1413	7-14-17	KCL 16-5			1413	P
CAL	ICV CCV		FB	10/6/16	8:20	100	8-17	2511994	4		100	P
CAL	ICV CCV											P
CAL	ICV CCV		FB	10/6/16	16:40	1413	7-14-17	KCL 16-5			1417	P
CAL	ICV CCV											P
CAL	ICV CCV											P
CAL	ICV CCV											P
CAL	ICV CCV											P

pH		DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	mV / Slope	Reading SU	Pass or Fail
CAL	ICV CCV		FB	10/6/16	8:25	7.0	5/17	2506518			7.0	P
CAL	ICV CCV				8:28	4.0	2/200	2003441			4.0	P
CAL	ICV CCV				8:25	10.0	6/17	1605846			10.0	P
CAL	ICV CCV											P
CAL	ICV CCV				8:30	7.0	5/17	2506518			7.0	P
CAL	ICV CCV											P
CAL	ICV CCV											P
CAL	ICV CCV		FB	10/6/16	16:40	4.0	3/2017	2013441			4.1	P
CAL	ICV CCV											P
CAL	ICV CCV											P

Maintenance: Weekly pH Slope: _____

Specific Conductance Probe Cleaned? Yes No Dissolved Oxygen Membrane Changed: Yes No

Notes: Z11-SL-10001, Z11-SL-100027