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

Project/Site:

RA201608-15-59 / PATEL / CCV Date: 8/29/16

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	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL ICV CCV	RA	8/30/16	0910			1.00525	8.3	24.7	99	8.309	P
CAL ICV CCV	RA	8/30/16	1805				8.0	27.2	101	7.94	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
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Acceptance Criteria: $\pm 5\%$

CAL ICV CCV	RA	8/30/16	0912		1413	7/14/17	16-5			1417-1413	P
CAL ICV CCV	RA	8/30/16	0915		100	9/1/16	2503D58	3		99	P
CAL ICV CCV	RA	8/30/16	1805		1413	7/14/17	16-5			1421	P
CAL ICV CCV											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
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Acceptance Criteria: $\pm 0.2 \text{ SU}$

CAL ICV CCV	RA	8/30/16	0920		7	5/17	2506518			21.4	P
CAL ICV CCV	RA	8/30/16	0920		4	3/18	2103H91			157.4	P
CAL ICV CCV	RA	8/30/16	0921		10	10/17	1605B46			192.9	P
CAL ICV CCV	RA	8/30/16	0925		4	3/18	2603H91			4.0	P
CAL ICV CCV	RA	8/30/16	1808		7	5/17	2506518			7.0	P
CAL ICV CCV											P
CAL ICV CCV											P
CAL ICV CCV											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:

Reference Lake (Pate)

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: SNAP Project Date: 8/30/16 Meter # DEP 132237

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	NM	8/30	0815				100	8.301	P
CAL	ICV	CCV									P
CAL	ICV	CCV	NM	8/31	1030				91	8.498	P
CAL	ICV	CCV									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	NM	8/30	0815	1413	7/14/17	KCL 16-5			1413	P
CAL	ICV	CCV				100	9/1/16	203058			102	P
CAL	ICV	CCV										P
CAL	ICV	CCV	NM	8/31	1030	100	9/1/16	203058			101	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	NM	8/30	0815	7	5/17	250658			7.0	P
CAL	ICV	CCV				4	3/18	2403491			4.0	P
CAL	ICV	CCV				10	10/17	1605846			4.0	P
CAL	ICV	CCV				10	10/17	1605846		-198.5	9.97	P
CAL	ICV	CCV										P
CAL	ICV	CCV	NM	8/31	1030	4	3/18	2403491		141.2	4.14	P
CAL	ICV	CCV										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