

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

Boldly "X" this box
if there is qualified
data on this page

Project/Site: SMP

Date: 4/19/14

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
Acceptance Criteria: ± 0.3 mg/L											
CAL ICV <u>CCV</u>							8.7	22.3	100	8.693	P F
CAL ICV <u>CCV</u>			4/20	0700			8.7	22.3	100	8.693	P F
CAL ICV CCV											P F
CAL ICV CCV											P F
CAL ICV CCV											P F
CAL ICV CCV											P F
CAL ICV CCV											P F

Specific Conductance	DEP SOP FT 1200	Initials	Date	Time	Standard μ mhos/cm	Exp. Date	Lot #	Bottle #	Cell Constant	Reading μ mhos/cm	Pass or Fail
Acceptance Criteria: $\pm 5\%$											
CAL ICV CCV			4/19	0720	12900	7/8/16	12CL16-2			12900	P F
CAL ICV <u>CCV</u>			4/19	0721	100	11/17	2511994			103	P F
CAL ICV <u>CCV</u>			4/20	0705	1413	7/8/16	12CL 16-2			1405	P F
CAL ICV CCV											P F
CAL ICV CCV											P F
CAL ICV CCV											P F
CAL ICV CCV											P F

pH	DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	mV / Slope	Reading SU	Pass or Fail
Acceptance Criteria: ± 0.2 SU											
CAL ICV CCV			4/19	0722	7	05/16	4405608		28.4	7.0	P F
CAL ICV CCV				0723	4	07/17	2507749		148.9	4.0	P F
CAL ICV CCV				0724	10	04/16	2501402		198.3	10.0	P F
CAL ICV <u>CCV</u>				0725	4	07/17	2507749			4.0	P F
CAL ICV <u>CCV</u>			4/20	0705	10	04/16	2507749			10.0	P F
CAL ICV CCV											P F
CAL ICV CCV											P F
CAL ICV CCV											P F

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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Project/Site: SMP

Date: 4/19/16

Meter # DEP 113529

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

DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
Dissolved Oxygen										
CAL ICV CCV	RA	4/19/16	0820		0.994973	8.59	22.8	99	8.611	P
CAL ICV CCV										P
CAL ICV CCV	AM	4/19/16	1615			8.36	24.3	99.8	8.571	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P

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

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
Specific Conductance										
CAL ICV CCV	RA	4/19/16	0822	1413	7/16/16	KC1 16-2			1409-1413	P
CAL ICV CCV	RA	4/19/16	0823	100	11/17	2511994			102	P
CAL ICV CCV										P
CAL ICV CCV	AM	4/19/16	1615	100	11/17	2511994			101	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P

Acceptance Criteria: $\pm 5\%$

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	mV / Slope	Reading SU	Pass or Fail
pH										
CAL ICV CCV	RA	4/19/16	0824	7	5/16	4405608			~38.1	P
CAL ICV CCV	RA	4/19/16	0825	4	7/17	2507749			139.5	P
CAL ICV CCV	RA	4/19/16	0827	10	6/16	2501462			~203.1	P
CAL ICV CCV	RA	4/19/16	0831	4	7/17	2507749			4.0	P
CAL ICV CCV	AM	4/19/16	1615	7	5/16	4405608			~41.5	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: