

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

Project/Site: RD-2016-05-02-84 Date: 5/3/16 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	MR	5/3	0715			8.3	24.7	100	8.309	P
CAL ICV CCV	MR	5/3/16	1025			8.3	25.3		8.203	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	MR	5/3	0714	12900	1/21/17	KCL 16-1			12900	P
CAL ICV CCV	MR	5/3/16	0717	1413	7/8/16	KCL 16-2			1411	P
CAL ICV CCV	MR	5/3/16	1627	100	11/17	251199V			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	MR	5/3	0719	7	05/16	4405608		-23.7	7	P
CAL ICV CCV	MR	5/3/16	0720	4	07/17	2507249		155.7	4	P
CAL ICV CCV	MR	5/3/16	0721	10	06/16	2501462		-194.8	10	P
CAL ICV CCV	MR	5/3/16	0725	4	07/17	2507249			4.0	P
CAL ICV CCV	MR	5/3/16	1630	7	5/16	4405608			7.1	P
CAL ICV CCV	MR	5/3/16	1630	10	6/16	2501462			10.0	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P

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

Maintenance: Weekly pH Slope: 179.1 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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