

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

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

Project/Site: RA-2016-06-06-22

Date: 6/15/16

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	6/15/16	0820			8.5	23.8	100	8.45	P
CAL	ICV	CCV	RA	6/15/16	1715			8.5	23.4		8.51	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	RA	6/15/16	0825	1413	2/13/17	16-4			1486-1413	P
CAL	ICV	CCV	RA	6/15/16	0838	100	4/1/17	2511994			1022	P
CAL	ICV	CCV	RA	6/15/16	1715	1413	2/13/17	16-4			1402	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	RA	6/15/16	0845	7	5/1/17	2506518		-41.3	7.01-7.2	P
CAL	ICV	CCV	RA	6/15/16	0850	4	7/1/17	2507799		137.2	3.92-4.0	P
CAL	ICV	CCV	RA	6/15/16	0855	10	9/1/17	2503779		-211.1	9.89-9.98	P
CAL	ICV	CCV	RA	6/15/16	0900	4	7/1/17	2507799			4.0	P
CAL	ICV	CCV	RA	6/15/16	1715	7	5/1/17	2506518			7.1	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: Beach Tree + Long Cr
 Notes: Dissolved Oxygen Membrane Changed: Yes No
 Specific Conductance Probe Cleaned? Yes (No)

Box
if there is qualified
data on this page.

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

Project/Site: 20-2014-06-06-22 Date: 6/15/14 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	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL ICV CCV	<u>W</u>	<u>6/15</u>	<u>0705</u>			<u>24.3</u>	<u>100</u>	<u>8.371</u>	<u>P</u>
CAL ICV CCV	<u>W</u>	<u>6/15</u>	<u>0710</u>			<u>25.4</u>	<u>100</u>	<u>8.180</u>	<u>P</u>
CAL ICV CCV									<u>P</u>
CAL ICV CCV									<u>P</u>
CAL ICV CCV									<u>P</u>
CAL ICV CCV									<u>P</u>
CAL ICV CCV									<u>P</u>
CAL ICV CCV									<u>P</u>

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	<u>W</u>	<u>6/15</u>	<u>0710</u>	<u>12900</u>	<u>1/21/17</u>	<u>KCL 16-1</u>			<u>12900</u>	<u>P</u>
CAL ICV CCV	<u>W</u>	<u>6/15</u>	<u>0711</u>	<u>1413</u>	<u>2/19/17</u>	<u>KCL 16-4</u>			<u>1412</u>	<u>P</u>
CAL ICV CCV	<u>W</u>	<u>6/15</u>	<u>1704</u>	<u>100</u>	<u>11/20/17</u>	<u>2511914</u>			<u>103</u>	<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>

pH

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	mV / Slope	Reading SU	Pass or Fail
CAL ICV CCV	<u>W</u>	<u>6/15</u>	<u>0715</u>	<u>7</u>	<u>05/20/17</u>	<u>2506578</u>		<u>-22.5</u>	<u>7.0</u>	<u>P</u>
CAL ICV CCV	<u>W</u>	<u>6/15</u>	<u>0716</u>	<u>4</u>	<u>07/20/17</u>	<u>2507749</u>		<u>154.3</u>	<u>4.0</u>	<u>P</u>
CAL ICV CCV	<u>W</u>	<u>6/15</u>	<u>0717</u>	<u>10</u>	<u>09/20/17</u>	<u>2503774</u>		<u>-194.9</u>	<u>10.0</u>	<u>P</u>
CAL ICV CCV	<u>W</u>	<u>6/15</u>	<u>0720</u>	<u>4</u>	<u>07/20/17</u>	<u>2507749</u>			<u>4.0</u>	<u>P</u>
CAL ICV CCV	<u>W</u>	<u>6/15</u>	<u>1707</u>	<u>10</u>	<u>09/20/17</u>	<u>2503774</u>			<u>10.0</u>	<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>

Maintenance: Weekly pH Slope: _____

Notes:

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

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