

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

Bold, this box if there is qualified data on this page.

Project/Site: FD-2016-08-01-45 Date: 8/2/16 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	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL	ICV	CCV	<u>m</u>	<u>8/2</u>	<u>0705</u>						
CAL	ICV	CCV						<u>25.2</u>	<u>100</u>	<u>8.233</u>	<u>P</u>
CAL	ICV	CCV	<u>FB</u>	<u>8/3</u>	<u>0710</u>						
CAL	ICV	CCV						<u>24.8</u>	<u>100</u>	<u>8.294</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>

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	<u>m</u>	<u>8/2</u>	<u>0710</u>	<u>12900</u>	<u>1/21/17</u>	<u>KCC 16-1</u>			<u>12900</u>	<u>P</u>
CAL	ICV	CCV			<u>0711</u>	<u>1413</u>	<u>7/4/17</u>	<u>KCC 16-5</u>			<u>1416</u>	<u>P</u>
CAL	ICV	CCV										<u>P</u>
CAL	ICV	CCV	<u>FB</u>	<u>8/3</u>	<u>0730</u>	<u>1200</u>	<u>11/17</u>	<u>2511999</u>	<u>5</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>

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	<u>m</u>	<u>8/2</u>	<u>0715</u>	<u>7</u>	<u>05/17</u>	<u>2500518</u>		<u>-23.6</u>	<u>7.0</u>	<u>P</u>
CAL	ICV	CCV			<u>0716</u>	<u>4</u>	<u>03/18</u>	<u>2503491</u>		<u>156.2</u>	<u>4.0</u>	<u>P</u>
CAL	ICV	CCV			<u>0717</u>	<u>10</u>	<u>08/20/16</u>	<u>2503774</u>		<u>-193.2</u>	<u>10.0</u>	<u>P</u>
CAL	ICV	CCV			<u>0720</u>	<u>4</u>	<u>03/18/16</u>	<u>2503491</u>			<u>4.0</u>	<u>P</u>
CAL	ICV	CCV										<u>P</u>
CAL	ICV	CCV	<u>FB</u>	<u>8/3</u>	<u>7:30</u>	<u>7</u>	<u>5/17</u>	<u>2506518</u>			<u>7.1</u>	<u>P</u>
CAL	ICV	CCV										<u>P</u>
CAL	ICV	CCV										<u>P</u>
CAL	ICV	CCV										<u>P</u>

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