

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: Yellow/Shell River B4 Date: 5/19/16

Meter # DEP 113529

Temperature (Quarterly) For Date of Last Temperature Verification see 4 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	<u>CCV</u>	<u>NM</u>	<u>5/19/16</u>	<u>0800</u>			<u>8.35</u>	<u>23.8</u>		<u>8.40</u>	<u>P</u>
CAL	ICV	<u>CCV</u>	<u>NM</u>	<u>5/19/16</u>	<u>1000</u>			<u>8.41</u>	<u>23.8</u>		<u>8.40</u>	<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<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	<u>CCV</u>	<u>NM</u>	<u>5/19/16</u>	<u>0800</u>	<u>1413</u>	<u>2/16</u>	<u>16116-2</u>			<u>1413</u>	<u>P</u>
CAL	ICV	<u>CCV</u>	<u>NM</u>	<u>5/19/16</u>	<u>1000</u>	<u>700</u>	<u>11/17</u>	<u>251994</u>			<u>701</u>	<u>P</u>
CAL	ICV	<u>CCV</u>	<u>NM</u>	<u>5/19/16</u>	<u>1000</u>	<u>700</u>	<u>11/17</u>	<u>251994</u>			<u>704</u>	<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<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	<u>CCV</u>	<u>NM</u>	<u>5/19/16</u>	<u>0800</u>	<u>7</u>	<u>6/16</u>	<u>440200</u>			<u>7.0</u>	<u>P</u>
CAL	ICV	<u>CCV</u>	<u>NM</u>	<u>5/19/16</u>	<u>1000</u>	<u>4</u>	<u>7/17</u>	<u>251994</u>			<u>4.0</u>	<u>P</u>
CAL	ICV	<u>CCV</u>	<u>NM</u>	<u>5/19/16</u>	<u>1000</u>	<u>4</u>	<u>6/16</u>	<u>251994</u>			<u>4.0</u>	<u>P</u>
CAL	ICV	<u>CCV</u>	<u>NM</u>	<u>5/19/16</u>	<u>1000</u>	<u>4</u>	<u>6/16</u>	<u>440200</u>			<u>3.11</u>	<u>P</u>
CAL	ICV	<u>CCV</u>	<u>NM</u>	<u>5/19/16</u>	<u>1000</u>	<u>4</u>	<u>6/16</u>	<u>251994</u>			<u>4.06</u>	<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<u>P</u>
CAL	ICV	<u>CCV</u>										<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

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

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

Meter # **DEP 132237**

Date: 5/4/16

Project/Site: 20-2016-05-02-86

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>MA</u>	<u>5/4/16</u>	<u>0730</u>			<u>23.5</u>	<u>100</u>	<u>8.498</u>	<u>P</u>
CAL	ICV	CCV	<u>MA</u>	<u>5/5/16</u>	<u>0730</u>			<u>22.8</u>	<u>100</u>	<u>8.611</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>

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>MA</u>	<u>5/4</u>	<u>0736</u>	<u>12400</u>	<u>1/21/17</u>	<u>KCL 16-1</u>			<u>12900</u>	<u>P</u>
CAL	ICV	CCV	<u>MA</u>	<u>5/4</u>	<u>0737</u>	<u>1413</u>	<u>7/8/16</u>	<u>KCL 16-2</u>			<u>1410</u>	<u>P</u>
CAL	ICV	CCV	<u>MA</u>	<u>5/5</u>	<u>0732</u>	<u>100</u>	<u>11/20/17</u>	<u>2511994</u>			<u>101</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: $\pm 5\%$

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>MA</u>	<u>5/4</u>	<u>0740</u>	<u>7</u>	<u>05/16</u>	<u>4405000</u>		<u>-21.7</u>	<u>7.0</u>	<u>P</u>
CAL	ICV	CCV	<u>MA</u>	<u>5/4</u>	<u>0741</u>	<u>4</u>	<u>07/21/17</u>	<u>2507749</u>		<u>155.2</u>	<u>4.0</u>	<u>P</u>
CAL	ICV	CCV	<u>MA</u>	<u>5/4</u>	<u>0742</u>	<u>10</u>	<u>06/16</u>	<u>250462</u>		<u>-198.6</u>	<u>10.0</u>	<u>P</u>
CAL	ICV	CCV	<u>MA</u>	<u>5/5</u>	<u>0745</u>	<u>4</u>	<u>07/17</u>	<u>2507749</u>		<u>-195.2</u>	<u>4.0</u>	<u>P</u>
CAL	ICV	CCV	<u>MA</u>	<u>5/5</u>	<u>0735</u>	<u>10</u>	<u>06/16</u>	<u>250462</u>		<u>-195.2</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>

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