

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: LQ - 2016-05-23-13

Date: 5/25/14

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 <u>CCV</u>	<u>W</u>	<u>5/25</u>	<u>0820</u>			<u>8.4</u>	<u>23.64</u>	<u>99</u>	<u>8.482</u>	<u>P</u>
CAL ICV <u>CCV</u>	<u>W</u>	<u>5/25</u>	<u>1705</u>			<u>8.4</u>	<u>24.13</u>	<u>100</u>	<u>8.403</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>
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
<u>CAL</u> ICV CCV	<u>W</u>	<u>5/25</u>	<u>0825</u>	<u>12900</u>	<u>11/21/17</u>	<u>KCL 16-1</u>			<u>12900</u>	<u>P</u>
CAL <u>ICV</u> CCV	<u>W</u>	<u>5/25</u>	<u>0826</u>	<u>1413</u>	<u>2/13/17</u>	<u>KCL 16-4</u>			<u>1414</u>	<u>P</u>
CAL ICV <u>CCV</u>	<u>W</u>	<u>5/25</u>	<u>1710</u>	<u>600</u>	<u>4/17</u>	<u>3511944</u>			<u>102</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: $\pm 5\%$

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>W</u>	<u>5/25</u>	<u>0827</u>	<u>7</u>	<u>05/16</u>	<u>440568</u>		<u>-39.7</u>	<u>7.0</u>	<u>P</u>
CAL ICV CCV	<u>W</u>	<u>5/25</u>	<u>0828</u>	<u>4</u>	<u>07/17</u>	<u>2507749</u>		<u>135.1</u>	<u>4.0</u>	<u>P</u>
CAL ICV CCV	<u>W</u>	<u>5/25</u>	<u>0829</u>	<u>10</u>	<u>06/16</u>	<u>2501402</u>		<u>-199.2</u>	<u>10.0</u>	<u>P</u>
CAL <u>ICV</u> CCV	<u>W</u>	<u>5/25</u>	<u>0830</u>	<u>4</u>	<u>06/16</u>	<u>2501462</u>		<u>4.0</u>	<u>4.0</u>	<u>P</u>
CAL ICV <u>CCV</u>	<u>W</u>	<u>5/25</u>	<u>1715</u>	<u>10</u>	<u>06/16</u>	<u>2501462</u>		<u>10.0</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:

Bole, 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 SMP Date: 5/25/16

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	NM	5/25/16	0800			24.4	102	8.35	P
CAL ICV CCV	NM	5/26/16	0830			24.4	102	8.35	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

**Specific
Conductance**

DEP SOP FT 1200	Initials	Date	Time	Standard µmhos/cm	Exp. Date	Lot #	Bottle #	Cell Constant	Reading µmhos/cm	Pass or Fail
CAL ICV CCV	NM	5/25/16	0800	1413	2/13/17	KCL 164			1413	P
CAL ICV CCV	NM	5/26/16	0830	100	11/17	251994			109	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

pH

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	mV / Slope	Reading SU	Pass or Fail
CAL ICV CCV	NM	5/25/16	0800	7	6/16	440808			7.0	P
CAL ICV CCV	NM	5/26/16	0830	4	7/17	251994			4.0	P
CAL ICV CCV					6/16	251994			10.0	P
CAL ICV CCV					7/17	251994			4.04	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P

Maintenance: Weekly pH Slope: _____

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

Notes: