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

Project/Site: PQ-2016-05-02-88

Date: 5/5/16

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
RA	5-5-16	1530			8.4	24.3		8.371	P
									P
									P
									P
									P
									P
									P
									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
RA	5/5/16	0745	12900	1/21/17	KC 10-1			12900	P
RA	5/5/16	0746	1413	7/8/16	KC 10-2			1414	P
RA	5-5-16	1533	100	1/1/17	2511994			102	P
									P
									P
									P
									P
									P
									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
RA	5/5/16	0750	7	05/16	4405608		-24.8	7.0	P
RA	5/5/16	0751	4	07/17	W-4C-250749		151.7	4.0	P
RA	5-5-16	0752	10	06/16	2501462		-195.1	10.0	P
RA	5-5-16	0755	4	07/17	250749			4.0	P
RA	5-5-16	1535	7	5/16	4405608			7.1	P
									P
									P
									P
									P
									P
									P
									P
									P

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

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

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data on this page.

Project/Site: W/ Escalator/Santa Rosa Date: 5/5/16 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	<u>MM</u>	<u>5/5/16</u>	<u>0800</u>			<u>8.57</u>	<u>22.2</u>	<u>98.4</u>	<u>8716</u>	P
CAL	ICV	CCV										P
CAL	ICV	CCV	<u>MM</u>	<u>5/11/16</u>	<u>1330</u>			<u>8.86</u>	<u>22.2</u>	<u>99.0</u>	<u>8710</u>	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 μ mhos/cm	Exp. Date	Lot #	Bottle #	Cell Constant	Reading μ mhos/cm	Pass or Fail
CAL	ICV	CCV	<u>MM</u>	<u>5/5/16</u>	<u>0800</u>	<u>143</u>	<u>7/16</u>	<u>KCI 16-2</u>			<u>1913</u>	P
CAL	ICV	CCV	<u>V</u>	<u>5/5/16</u>	<u>4</u>	<u>100</u>	<u>11/17</u>	<u>251994</u>			<u>101</u>	P
CAL	ICV	CCV										P
CAL	ICV	CCV	<u>MM</u>	<u>5/11/16</u>	<u>1330</u>	<u>100</u>	<u>11/17</u>	<u>251994</u>			<u>104</u>	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	<u>MM</u>	<u>5/5/16</u>	<u>0800</u>	<u>7</u>	<u>6/16</u>	<u>440868</u>			<u>10</u>	P
CAL	ICV	CCV	<u>V</u>	<u>5/5/16</u>	<u>4</u>	<u>4</u>	<u>7/17</u>	<u>250779</u>			<u>40</u>	P
CAL	ICV	CCV	<u>V</u>	<u>5/5/16</u>	<u>4</u>	<u>10</u>	<u>6/16</u>	<u>351902</u>			<u>40</u>	P
CAL	ICV	CCV				<u>7</u>	<u>6/16</u>	<u>440868</u>			<u>708</u>	P
CAL	ICV	CCV	<u>MM</u>	<u>5/11/16</u>	<u>1330</u>	<u>4</u>	<u>7/17</u>	<u>250779</u>			<u>1308</u>	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