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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: SMP MW Run Date: 4/25/11 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	PA	4/25/11	0815		0.99493	8.4	23.7	99	8.46	P
CAL ICV CCV	PA	4/25/11	1600			8.3	24.5	99	8.34	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	PA	4/25/11	0815	1413	7/8/11	KCI 1L-2			1412-1413	P
CAL ICV CCV	PA	4/25/11	0817	100	11/17	2511494			100	P
CAL ICV CCV	PA	4/25/11	1605	1413	7/8/11	KCI 1L-2			1418	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	PA	4/25/11	0820	7	5/11	4405608		-40.2	7.11-7.20	P
CAL ICV CCV	PA	4/25/11	0822	4	7/17	2507749		138.4	3.9-4.0	P
CAL ICV CCV	PA	4/25/11	0827	10	6/11	2501412		-20.5	9.95-9.97	P
CAL ICV CCV	PA	4/25/11	0824	4	7/17	2507749			4.0	P
CAL ICV CCV	PA	4/25/11	1606	7	5/11	4405608			7.0	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: _____

Specific Conductance Probe Cleaned? Yes ☒ No ☐

Dissolved Oxygen Membrane Changed: Yes ☐ No ☒

Notes:

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

Project/Site: RO-2016-04-25-28 Meter # DEP 132237

Date: 4/25/16

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
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CAL	ICV	CCV	<u>mm</u>	<u>4/25</u>	<u>0700</u>			<u>8.36</u>	<u>24.5</u>	<u>100</u>	<u>8.340</u>	<u>P</u>
CAL	ICV	CCV	<u>FS</u>	<u>4/25</u>	<u>16:30</u>			<u>8.38</u>	<u>24.7</u>	<u>101</u>	<u>8.325</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>

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
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CAL	ICV	CCV	<u>mm</u>	<u>4/25</u>	<u>0705</u>	<u>12900</u>	<u>1/21/17</u>	<u>KCL 16-1</u>			<u>12900</u>	<u>P</u>
CAL	ICV	CCV	<u>mm</u>	<u>4/25</u>	<u>0706</u>	<u>1413</u>	<u>7/8/16</u>	<u>KCL 16-2</u>			<u>1412</u>	<u>P</u>
CAL	ICV	CCV	<u>FS</u>	<u>4/25</u>	<u>16:35</u>	<u>1000</u>	<u>11/20/17</u>	<u>251994</u>	<u>2</u>		<u>1000</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>

pH		DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	mV / Slope	Reading SU	Pass or Fail
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CAL	ICV	CCV	<u>mm</u>	<u>4/25</u>	<u>0710</u>	<u>7</u>	<u>05/16</u>	<u>4405608</u>		<u>-21.0</u>	<u>7.0</u>	<u>P</u>
CAL	ICV	CCV	<u>mm</u>	<u>4/25</u>	<u>0711</u>	<u>7</u>	<u>07/17</u>	<u>2567749</u>		<u>156.2</u>	<u>4.0</u>	<u>P</u>
CAL	ICV	CCV	<u>mm</u>	<u>4/25</u>	<u>0712</u>	<u>10</u>	<u>08/16</u>	<u>2501462</u>		<u>-193.6</u>	<u>10.0</u>	<u>P</u>
CAL	ICV	CCV	<u>mm</u>	<u>4/25</u>	<u>0715</u>	<u>4</u>	<u>07/17</u>	<u>2507749</u>			<u>4.0</u>	<u>P</u>
CAL	ICV	CCV	<u>FS</u>	<u>4/25</u>	<u>16:40</u>	<u>7</u>	<u>05/16</u>	<u>4405608</u>			<u>7.0</u>	<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: _____ 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