

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

Boldly "X" this box
if there is qualified
data on this page

Project/Site: SMPDate: 4/18/16Meter # 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
Acceptance Criteria: +/- 0.3mg/l												
CAL	ICV	CCV	<u>m</u>	<u>4/18</u>	<u>0700</u>		<u>1.007</u>	<u>8.6</u>	<u>22.9</u>	<u>100</u>	<u>8.595</u>	<u>P</u> F
CAL	ICV	CCV	<u>m</u>	<u>4/19</u>	<u>0700</u>			<u>8.7</u>	<u>22.2</u>	<u>100</u>	<u>8.710</u>	<u>P</u> F
CAL	ICV	CCV										P F
CAL	ICV	CCV										P F
CAL	ICV	CCV										P F
CAL	ICV	CCV										P F
CAL	ICV	CCV										P F

Specific Conductance		DEP SOP FT 1200	Initials	Date	Time	Standard µmhos/cm	Exp. Date	Lot #	Bottle #	Cell Constant	Reading µmhos/cm	Pass or Fail
Acceptance Criteria: +/- 5%												
CAL	ICV	CCV	<u>m</u>	<u>4/18</u>	<u>0705</u>	<u>12900</u>	<u>01/17</u>	<u>KCL 16-1</u>			<u>12900</u>	<u>P</u> F
CAL	ICV	CCV	<u>m</u>	<u>4/18</u>	<u>0705</u>	<u>1000</u>	<u>11/17</u>	<u>251994</u>			<u>102</u>	<u>P</u> F
CAL	ICV	CCV	<u>m</u>	<u>4/19</u>	<u>0705</u>	<u>1413</u>	<u>7/8/14</u>	<u>KCL 16-2</u>			<u>1417</u>	<u>P</u> F
CAL	ICV	CCV										P F
CAL	ICV	CCV										P F
CAL	ICV	CCV										P F
CAL	ICV	CCV										P F

pH		DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	mV / Slope	Reading SU	Pass or Fail
Acceptance Criteria: +/- 0.2 SU												
CAL	ICV	CCV	<u>m</u>	<u>4/18</u>	<u>0710</u>	<u>7</u>	<u>05/14</u>	<u>4405608</u>		<u>-21.7</u>	<u>7.0</u>	<u>P</u> F
CAL	ICV	CCV	<u>↓</u>	<u>↓</u>	<u>0711</u>	<u>4</u>	<u>07/17</u>	<u>2507749</u>		<u>154.4</u>	<u>4.0</u>	<u>P</u> F
CAL	ICV	CCV	<u>↓</u>	<u>↓</u>	<u>0712</u>	<u>10</u>	<u>06/14</u>	<u>2501462</u>		<u>-188.5</u>	<u>10.0</u>	<u>P</u> F
CAL	ICV	CCV	<u>↓</u>	<u>↓</u>	<u>0713</u>	<u>4</u>	<u>07/17</u>	<u>2507749</u>			<u>4.0</u>	<u>P</u> F
CAL	ICV	CCV	<u>m</u>	<u>4/19</u>	<u>0710</u>	<u>10</u>	<u>06/16</u>	<u>2507749</u>			<u>10.0</u>	<u>P</u> F
CAL	ICV	CCV										P F
CAL	ICV	CCV										P F
CAL	ICV	CCV										P F
CAL	ICV	CCV										P F

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

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

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Project Site:

SMP Yellow Trammel

Date:

4/18/16

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
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CAL	ICV	CCV	<u>MM</u>	<u>4/18/16</u>	<u>0830</u>		<u>8.48</u>	<u>22.9</u>	<u>98.8</u>	<u>8.535</u>	<u>P</u>
CAL	ICV	CCV	<u>DA</u>	<u>4/18/16</u>	<u>1320</u>		<u>8.46</u>	<u>23.9</u>	<u>100</u>	<u>8.434</u>	<u>P</u>
CAL	ICV	CCV									<u>F</u>
CAL	ICV	CCV									<u>F</u>
CAL	ICV	CCV									<u>F</u>
CAL	ICV	CCV									<u>F</u>
CAL	ICV	CCV									<u>F</u>
CAL	ICV	CCV									<u>F</u>

Acceptance Criteria: +/- 0.3mg/l

Specific Conductance	DEP SOP FT 1200	Initials	Date	Time	Standard µmhos/cm	Exp. Date	Lot #	Bottle #	Cell Constant	Reading µmhos/cm	Pass or Fail
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CAL	ICV	CCV	<u>MM</u>	<u>4/18/16</u>	<u>0830</u>		<u>1413</u>	<u>7/8/16</u>	<u>MC16-2</u>	<u>1413</u>	<u>P</u>
CAL	ICV	CCV	<u>DA</u>	<u>4/18/16</u>	<u>1320</u>		<u>1413</u>	<u>7/8/16</u>	<u>251494</u>	<u>1406</u>	<u>P</u>
CAL	ICV	CCV									<u>F</u>
CAL	ICV	CCV									<u>F</u>
CAL	ICV	CCV									<u>F</u>
CAL	ICV	CCV									<u>F</u>
CAL	ICV	CCV									<u>F</u>
CAL	ICV	CCV									<u>F</u>

Acceptance Criteria: +/- 5%

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>4/18/16</u>	<u>0830</u>		<u>7</u>	<u>5/16</u>	<u>440568</u>	<u>-378</u>	<u>10</u>	<u>P</u>
CAL	ICV	CCV	<u>DA</u>	<u>4/18/16</u>	<u>1320</u>		<u>4</u>	<u>2/17</u>	<u>250744</u>	<u>-378</u>	<u>40</u>	<u>P</u>
CAL	ICV	CCV						<u>6/16</u>	<u>280140</u>		<u>140</u>	<u>P</u>
CAL	ICV	CCV						<u>5/16</u>	<u>440568</u>	<u>-378</u>	<u>2.1</u>	<u>P</u>
CAL	ICV	CCV						<u>2/17</u>	<u>1500949</u>		<u>4.1</u>	<u>P</u>
CAL	ICV	CCV										<u>F</u>
CAL	ICV	CCV										<u>F</u>
CAL	ICV	CCV										<u>F</u>
CAL	ICV	CCV										<u>F</u>

Acceptance Criteria: +/- 0.2 SU

Maintenance: Weekly pH Slope:

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

Notes: