

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: SMP B4

Date: 4/11/16

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

Acceptance Criteria: +/- 0.3mg/L

CAL	ICV	CCV	NM	4/11/16	0800			8.57	22.6	99.3	8.64	P
CAL	ICV	CCV										F
CAL	ICV	CCV	NM	4/12/16	0900			8.55	22.7	99.0	8.64	P
CAL	ICV	CCV										F
CAL	ICV	CCV										F
CAL	ICV	CCV										F
CAL	ICV	CCV										F
CAL	ICV	CCV										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	NM	4/11/16	0800	1413	7/8/16	N/A				P
CAL	ICV	CCV										F
CAL	ICV	CCV										F
CAL	ICV	CCV	NM	4/12/16	0900	100	16/17	2511994				P
CAL	ICV	CCV										F
CAL	ICV	CCV										F
CAL	ICV	CCV										F
CAL	ICV	CCV										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	NM	4/11/16	0800	7	5/16	440506				P
CAL	ICV	CCV										F
CAL	ICV	CCV										F
CAL	ICV	CCV										F
CAL	ICV	CCV	NM	4/11/16	0900	4	7/17	2507744				P
CAL	ICV	CCV										F
CAL	ICV	CCV										F
CAL	ICV	CCV										F
CAL	ICV	CCV										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

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

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Project/Site: SMPDate: 4/11/16Meter # DEP 132237Temperature (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: ± 0.3 mg/l											
CAL ICV <u>CCV</u>		<u>m</u>	<u>4/11/16</u>	<u>SEE PREVIOUS ENTRY</u>			<u>8.7</u>	<u>21.9</u>	<u>10</u>	<u>8.76</u>	<u>P</u> F
CAL ICV <u>CCV</u>		<u>m</u>	<u>4/12/16</u>	<u>1320</u>			<u>8.7</u>	<u>21.9</u>	<u>100</u>	<u>8.76</u>	<u>P</u> F
CAL ICV <u>CCV</u>		<u>m</u>	<u>4/14</u>	<u>1520</u>			<u>9.0</u>	<u>20.5</u>	<u>100</u>	<u>9.003</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

Specific Conductance	DEP SOP FT 1200	Initials	Date	Time	Standard μ hos/cm	Exp. Date	Lot #	Bottle #	Cell Constant	Reading μ hos/cm	Pass or Fail
Acceptance Criteria: $\pm 5\%$											
<u>CAL</u> ICV CCV		<u>m</u>	<u>4/11</u>	<u>0720</u>	<u>12900</u>	<u>1/21/17</u>	<u>KCL 10⁻¹</u>			<u>12900</u>	<u>P</u> F
CAL <u>CV</u> CCV		<u>m</u>	<u>4/11</u>	<u>0725</u>	<u>100</u>	<u>11/17</u>	<u>2511994</u>			<u>103</u>	<u>P</u> F
CAL ICV <u>CCV</u>		<u>m</u>	<u>4/12</u>	<u>1330</u>	<u>1413</u>	<u>7/8/16</u>	<u>14.2</u>			<u>1426</u>	<u>P</u> F
CAL ICV <u>CCV</u>		<u>m</u>	<u>4/14</u>	<u>1530</u>	<u>100</u>	<u>11/17</u>	<u>2511994</u>			<u>101</u>	<u>P</u> 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											
<u>CAL</u> ICV CCV		<u>m</u>	<u>4/11</u>	<u>0720</u>	<u>7</u>	<u>05/16</u>	<u>4405608</u>		<u>-14.3</u>	<u>7</u>	<u>P</u> F
CAL ICV CCV				<u>0727</u>	<u>4</u>	<u>05/17</u>	<u>2507749</u>		<u>168.1</u>	<u>4</u>	<u>P</u> F
CAL ICV CCV				<u>0728</u>	<u>10</u>	<u>06/16</u>	<u>2501462</u>		<u>-191.0</u>	<u>10</u>	<u>P</u> F
CAL <u>ICV</u> CCV				<u>0730</u>	<u>4</u>	<u>07/17</u>	<u>2507749</u>			<u>4.0</u>	<u>P</u> F
CAL ICV <u>CCV</u>		<u>m</u>	<u>4/12</u>	<u>1340</u>	<u>10</u>	<u>06/16</u>	<u>2501462</u>			<u>10.0</u>	<u>P</u> F
CAL ICV <u>CCV</u>		<u>m</u>	<u>4/14</u>	<u>1540</u>	<u>4</u>	<u>07/17</u>	<u>2507749</u>		<u>169.3</u>	<u>4.0</u>	<u>P</u> 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:

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