

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) 07-02-14 B.R.

Put this box
if the data is qualified
data on this page.

Project/Site: NWF-ROC RPS/LVS G4 Date: 3/15/16 Meter #: YSI 556 MP9, DEP 133663 113529 NM

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	NM	3/15/16	0730			8.43	23.2	98.4	8.588	P
	ICV	CCV										F
	ICV	CCV	NM	3/16/16	0930			8.51	22.6	99.2	8.644	P
	ICV	CCV										F
	ICV	CCV										F
	ICV	CCV										F
	ICV	CCV										F
	ICV	CCV										F

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	NM	3/15/16	0730	1413	7/8/16	NCL 162			1413	P
	ICV	CCV				100	11/17	2511994			102	P
	ICV	CCV										F
	ICV	CCV	NM	3/16/16	0930	100	11/17	2511994			91	P
	ICV	CCV										F
	ICV	CCV										F
	ICV	CCV										F
	ICV	CCV										F

pH		DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL	ICV	CCV	NM	3/15/16	0730	7	6/16	4408608			2.0	P
	ICV	CCV				4	7/17	2507149			4.1	P
	ICV	CCV				10	6/16	250402			10.1	P
	ICV	CCV				7	6/16	4408608			7.04	P
	ICV	CCV	NM	3/16/16	0930	4	7/17	2507149			4.08	P
	ICV	CCV										F
	ICV	CCV										F
	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

Project/Site: SMF

Date: 3/15/11

Meter # DEP 132237

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if there is significant
data on this page

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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Acceptance Criteria: ± 0.3 mg/L

CAL ICV <u>CCV</u>	<u>PA</u>	<u>3/15/11</u>	<u>0850</u>			<u>8.6</u>	<u>23.0</u>	<u>100</u>	<u>853</u>	<u>P</u>
CAL ICV <u>CCV</u>	<u>PA</u>	<u>3/15/11</u>	<u>1805</u>			<u>8.5</u>	<u>24.3</u>	<u>101</u>	<u>837</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 μ mhos/cm	Exp. Date	Lot #	Bottle #	Cell Constant	Reading μ mhos/cm	Pass or Fail
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Acceptance Criteria: $\pm 5\%$

CAL ICV <u>CCV</u>	<u>PA</u>	<u>3/15/11</u>	<u>0855</u>	<u>1413</u>	<u>3/8/11</u>	<u>KCI 16-2</u>			<u>1405-1413</u>	<u>P</u>
CAL ICV <u>CCV</u>	<u>PA</u>	<u>3/15/11</u>	<u>0955</u>	<u>100</u>	<u>11/17</u>	<u>2511944</u>			<u>101</u>	<u>P</u>
CAL ICV <u>CCV</u>	<u>PA</u>	<u>3/15/11</u>	<u>1805</u>	<u>1413</u>	<u>7/8/11</u>	<u>KCI 16-2</u>			<u>1411</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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Acceptance Criteria: ± 0.2 SU

CAL ICV <u>CCV</u>	<u>PA</u>	<u>3/15/11</u>	<u>0857</u>	<u>7</u>	<u>5/16</u>	<u>4405608</u>			<u>-21.5</u>	<u>7.1-7.0</u>	<u>P</u>
CAL ICV <u>CCV</u>			<u>0859</u>	<u>4</u>	<u>7/17</u>	<u>2503749</u>			<u>157.3</u>	<u>3.9-4.0</u>	<u>P</u>
CAL ICV <u>CCV</u>			<u>0900</u>	<u>10</u>	<u>6/11</u>	<u>2501462</u>			<u>-12.6</u>	<u>9.9-10.0</u>	<u>P</u>
CAL ICV <u>CCV</u>	<u>PA</u>	<u>3/15/11</u>	<u>0900</u>	<u>4</u>	<u>7/17</u>	<u>2503749</u>				<u>4.0</u>	<u>P</u>
CAL ICV <u>CCV</u>			<u>1810</u>	<u>7</u>	<u>5/11</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>
CAL ICV CCV											<u>P</u>

Maintenance: Weekly pH Slope:

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

Notes:

RBS/LVS Gauri Co + Karik dvar

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