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

Project/Site: SMP Piedra River Date: 3/1/16

Meter # DEP 113529

Temperature (Quarterly)		For Date of Last Temperature Verification see _____ in log book	
DEP SOP FT 1500	Initials	Date	Time

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 CCV	NM	3/1/16	0830			8.71	22.0	99.8	8.79	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV	NM	3/1/16	1530			8.76	21.5	99.2	8.89	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
Acceptance Criteria: $\pm 5\%$										
CAL ICV CCV	NM	3/1/16	0830	1413	7/8/16	KCL 16-2			1413	P
CAL ICV CCV				100	10/17	2507505			104	P
CAL ICV CCV										P
CAL ICV CCV										P
CAL ICV CCV	NM	3/1/16	1530	100	11/17	2507505			104	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 #	Slope	Reading SU	Pass or Fail
Acceptance Criteria: ± 0.2 SU										
CAL ICV CCV	NM	3/1/16	0830	7	5/16	4408608			7.0	P
CAL ICV CCV				4	7/17	2507505			4.8	P
CAL ICV CCV				10	6/16	2507505			4.8	P
CAL ICV CCV				7	5/16	4408608			7.1	P
CAL ICV CCV										P
CAL ICV CCV	NM	3/1/16	1530	4	7/17	2507505			3.8	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

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

Field Use only
if there is significant
data on this page

Project/Site: SNP Date: 3/1 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
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CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									

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									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									

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									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									
CAL	ICV	CCV									

Maintenance: Weekly pH Slope: _____ Specific Conductance Probe Cleaned? Yes No Dissolved Oxygen Membrane Changed: Yes No

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

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if there is qualified
date of this page

Project/Site:

SMP ENR

Date: 2/29/10

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
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CAL	ICV	CCV	2/29	0725			8.9	21.4	100	8.846	P
CAL	ICV	CCV	3/1	0705			4.1	20.4	101	7.021	P
CAL	ICV	CCV									F
CAL	ICV	CCV									F
CAL	ICV	CCV									F
CAL	ICV	CCV									F
CAL	ICV	CCV									F
CAL	ICV	CCV									F

Acceptance Criteria: ± 0.3 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
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CAL	ICV	CCV	2/29	0721	10000	02/17	2507505	1		10134.2 10000	P
CAL	ICV	CCV	2/29	0728	60040	2/2/17	46614-3			57925	P
CAL	ICV	CCV	3/1	0700	100	2/17	2511944	1		104	P
CAL	ICV	CCV									F
CAL	ICV	CCV									F
CAL	ICV	CCV									F
CAL	ICV	CCV									F
CAL	ICV	CCV									F

Acceptance Criteria: $\pm 0.5\%$

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	2/29	0730	7	02/17	440568		-36.2	7	P
CAL	ICV	CCV			4	07/17	2507744		163.7	4	P
CAL	ICV	CCV			10	04/20/06	2504462		-191.2	10	P
CAL	ICV	CCV	3/1	0733	10	02/17	2501442			10.0	P
CAL	ICV	CCV			4	07/17	2507744			4.0	P
CAL	ICV	CCV									F
CAL	ICV	CCV									F
CAL	ICV	CCV									F
CAL	ICV	CCV									F

Acceptance Criteria: ± 0.2 SU

Maintenance: Weekly pH Slope: _____ Specific Conductance Probe Cleaned? Yes No Dissolved Oxygen Membrane Changed: Yes No

Notes:

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Perform only in Run Mode: CCV - Continuing Calibration Verification