

Boldly "X" this box
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 Mifflin

Temperature (Quarterly) For Date of Last Temperature Verification see 4/27/16 in log book

Meter # DEP 113529

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	4/27/16	0835			8.4	24.6		2482	P
CAL ICV CCV	NM	4/27/16	1100			8.06	25.3	9.5	8.218	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	4/27/16	0838	1413	7/8/16	KC1 16-2			1396-1413	P
CAL ICV CCV	PA	4/27/16	0839	100	11/17	2511994	2		102	P
CAL ICV CCV	NM	4/27/16	1100	100	11/17	2511994			104	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	4/27/16	0841	7	5/1/16	4405608		-39.3	7.05-7.00	P
CAL ICV CCV	PA	4/27/16	0842	4	7/1/17	2507749		138.6	3.85-4.00	P
CAL ICV CCV	PA	4/27/16	0842	10	6/1/16	2501462		-202.5	9.26-9.96	P
CAL ICV CCV	PA	4/27/16	0845	4	7/1/17	2507749			4.1	P
CAL ICV CCV	NM	4/27/16	1100	7	5/1/16	4405608			7.08	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: