Bc ." 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: RQ-2016-06-06-65 Date: 6/7/16 Meter # **DEP 132237**

Temperature (Quarterly) *For Date of Last Temperature Verification see* _____ *in log book* _____

Dissolved Oxygen

DEP SOP FT 1500 — Acceptance Criteria: +/-0.3mg/l

	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL ICV (CCV)	RA	6/7/16	0810			8.0	26.7	100	8.012	(P) F
CAL ICV (CCV)	RA	6/8/16	0835			8.2	25.0	100	8.263	(P) 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 — Acceptance Criteria: +/- 5%

	Initials	Date	Time	Standard µmhos/cm	Exp. Date	Lot #	Bottle #	Cell Constant	Reading µmhos/cm	Pass or Fail
(CAL) ICV CCV	RA	6/7/16	0811	1413	2/13/17	16-4			1436-1413	P F
CAL (ICV) CCV	RA	6/7/16	0812	100	11/17	2511994			101	(P) F
CAL ICV (CCV)	RA	6/8/16	0835	1413	2/13/17	16-4			1402	(P) 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 — Acceptance Criteria: +/- 0.2 SU

	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	mV / Slope	Reading SU	Pass or Fail
(CAL) ICV CCV	RA	6/7/16	0815	7	5/17	2506518		-25.7	7.08-7.00	P F
CAL ICV CCV	RA	6/7/16	0815	4	7/17	2507749		152.8	3.93-4.00	P F
CAL ICV CCV	RA	6/7/16	0814	10	9/16	2503774		-197.8	9.89-9.98	P F
CAL (ICV) CCV	RA	6/7/16	0820	4	7/17	2507749			4.0	(P) F
CAL ICV (CCV)	RA	6/8/16	0840	7	5/17	2506518			7.1	(P) 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:

Karick Lake > LV1
Bear Lake
Hurricane Lake

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

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: RO-2016-06-06-22 Date: 6/7/16 Meter # **DEP 113529**

Temperature (Quarterly) *For Date of Last Temperature Verification see* _____ *in log book* _____

Dissolved Oxygen

DEP SOP FT 1500

Acceptance Criteria: +/- 0.3 mg/l

	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °c	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL ICV (CCV)			0720			8.1	25.7	99	8.158	(P) F
CAL ICV (CCV)		6/7/16	1430			8.3	24.3	99	8.371	(P) 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

Acceptance Criteria: +/- 5%

	Initials	Date	Time	Standard µmhos/cm	Exp. Date	Lot #	Bottle #	Cell Constant	Reading µmhos/cm	Pass or Fail
(CAL) ICV CCV		6/7/16	0722	12900	11/21/17	KCL16-1			12900	P F
CAL (ICV) CCV		6/7/16	0723	1413	2/13/17	KCL 16-4			1414	(P) F
CAL ICV (CCV)		6/7/16	1435	100	11/17	2511994			104	(P) 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

Acceptance Criteria: +/- 0.2 SU

	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	mV / Slope	Reading SU	Pass or Fail
(CAL) ICV CCV		6/7/16	0725	7	05/17	2506518		-40.9	7	P F
CAL ICV CCV			0726	4	07/17	2507749		157.5	4	P F
CAL ICV CCV			0727	10	09/16	2503774		-208.8	10	P F
CAL (ICV) CCV			0730	4	07/17	2507749			4.0	(P) F
CAL ICV (CCV)		6/7/16	1440	10	09/16	2503774			10.0	(P) 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: 167.9 Specific Conductance Probe Cleaned? Yes (No) Dissolved Oxygen Membrane Changed: Yes (No)

Notes:

changed batteries

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