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

Project/Site: DUNE LAKES 20-2016-08-065 Date: 8/15/14

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
CAL ICV CCV	<u>W</u>	<u>8/15</u>	<u>0710</u>			<u>8.0</u>	<u>26.4</u>	<u>99</u>	<u>8.555</u>	P
CAL ICV CCV	<u>W</u>	<u>8/16</u>	<u>0650</u>			<u>8.3</u>	<u>25.1</u>	<u>100</u>	<u>8.248</u>	P
CAL ICV CCV										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	<u>W</u>	<u>8/15</u>	<u>0715</u>	<u>12900</u>	<u>11/21/17</u>	<u>KCC 16-1</u>			<u>12900</u>	P
CAL ICV CCV	<u>W</u>	<u>8/15</u>	<u>0716</u>	<u>1413</u>	<u>7/14/17</u>	<u>KCC 16-5</u>			<u>1416</u>	P
CAL ICV CCV	<u>W</u>	<u>8/16</u>	<u>0655</u>	<u>100</u>	<u>11/20/17</u>	<u>2511994</u>			<u>104</u>	P
CAL ICV CCV	<u>W</u>	<u>8/16</u>	<u>0656</u>	<u>58440</u>	<u>2/3/14</u>	<u>KCC 16-3</u>			<u>58493</u>	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	<u>W</u>	<u>8/15</u>	<u>0720</u>	<u>7</u>	<u>05/17</u>	<u>2502518</u>			<u>-28.6</u>	P
CAL ICV CCV	<u>W</u>	<u>8/15</u>	<u>0721</u>	<u>4</u>	<u>03/18</u>	<u>2502518</u>			<u>4.0</u>	P
CAL ICV CCV	<u>W</u>	<u>8/15</u>	<u>0722</u>	<u>10</u>	<u>09/14</u>	<u>2503774</u>			<u>10.0</u>	P
CAL ICV CCV	<u>W</u>	<u>8/16</u>	<u>0723</u>	<u>4</u>	<u>03/18</u>	<u>2503774</u>			<u>4.0</u>	P
CAL ICV CCV	<u>W</u>	<u>8/16</u>	<u>0700</u>	<u>10</u>	<u>03/18</u>	<u>2503774</u>			<u>10.0</u>	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:

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

Project/Site: 20-2016-05-30-20 Date: 8/15/16 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	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL	ICV	CCV	PA	8/15/16	0905			23.9	100	8.434	P
CAL	ICV	CCV	PA	8/15/16	0925			22.4	100	8.677	P
CAL	ICV	CCV									P
CAL	ICV	CCV									P
CAL	ICV	CCV									P
CAL	ICV	CCV									P
CAL	ICV	CCV									P
CAL	ICV	CCV									P

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	8/15/16	0905	1413	7/14/17	16-5			1409-1413	P
CAL	ICV	CCV	PA	8/15/16	0907	100	11/17	3511944	5		108	P
CAL	ICV	CCV	PA	8/16/16	0925	12900	1/24/17	16-1			13525	P
CAL	ICV	CCV										P
CAL	ICV	CCV										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 #	mV / Slope	Reading SU	Pass or Fail
CAL	ICV	CCV	PA	8/15/16	0910	7	5/17	2506518		30.3	4.9-7.0	P
CAL	ICV	CCV	PA	8/15/16	0911	4	3/18	2603491		248.8	3.8-4.0	P
CAL	ICV	CCV	PA	8/15/16	0912	10	9/16	2503774		-98.1	9.7-10.0	P
CAL	ICV	CCV	PA	8/15/16	0915	7	5/17	2506518			7.0	P
CAL	ICV	CCV	PA	8/16/16	0926	4	3/18	2603491			4.4	P
CAL	ICV	CCV	PA	8/16/16	0928	10	9/16	2503774			10.5	P
CAL	ICV	CCV										P
CAL	ICV	CCV										P
CAL	ICV	CCV										P

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

Notes:

Driftwood Estates complaint changed pH probe 8/16/16
7.0 range outside of acceptable mV range