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

Meter # **DEP 113529**

Date: 7/13/16

Project/Site: Little River SCI

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	MM	7/13/16	0800			23.5	99.8	8.48	P
CAL	ICV	CCV									P
CAL	ICV	CCV									P
CAL	ICV	CCV	MM	7/13/16	0900			23.5	99.0	8.49	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	MM	7/13/16	0800	1413	2/13/17	11011994			1413	P
CAL	ICV	CCV	MM	7/13/16	0900	100	11/17	2511994			103	P
CAL	ICV	CCV										P
CAL	ICV	CCV	MM	7/13/16	0900	100	11/17	2511994			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 #	mV / Slope	Reading SU	Pass or Fail
CAL	ICV	CCV	MM	7/13/16	0800	7	05/17	250648			7.0	P
CAL	ICV	CCV	MM	7/13/16	0900	7	3/18	26031494			4.0	P
CAL	ICV	CCV	MM	7/13/16	0900	7	3/18	26031494			4.0	P
CAL	ICV	CCV	MM	7/13/16	0900	7	3/18	26031494			4.07	P
CAL	ICV	CCV	MM	7/13/16	0900	7	3/17	260651			7.03	P
CAL	ICV	CCV	MM	7/13/16	0900	7	3/17	260651			7.03	P
CAL	ICV	CCV	MM	7/13/16	0900	7	3/17	260651			7.03	P
CAL	ICV	CCV	MM	7/13/16	0900	7	3/17	260651			7.03	P

Maintenance: Weekly pH Slope: _____

Specific Conductance Probe Cleaned? Yes No

Dissolved Oxygen Membrane Changed: Yes No

Notes:

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data on this page.

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

Project/Site: 202016-07-04-34 Date: 7/13/16 Meter # DEP 132237

Survivor Lake

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	<u>mm</u>	<u>7/13</u>	<u>0730</u>			<u>23.7</u>	<u>101</u>	<u>8.466</u>	<u>P</u>
CAL ICV CCV	<u>FB</u>	<u>7/13</u>	<u>16:45</u>			<u>27.8</u>	<u>102</u>	<u>7.86</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>

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>mm</u>	<u>7/13</u>	<u>0735</u>	<u>12900</u>	<u>1/21/17</u>	<u>KCL 16-1</u>			<u>12900</u>	<u>P</u>
CAL ICV CCV	<u>mm</u>	<u>7/13</u>	<u>0736</u>	<u>1413</u>	<u>8/13/17</u>	<u>KCL 16-4</u>			<u>1411</u>	<u>P</u>
CAL ICV CCV	<u>FB</u>	<u>7/13</u>	<u>16:45</u>	<u>100</u>	<u>1/20/17</u>	<u>2511994</u>	<u>5</u>		<u>104</u>	<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>

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>mm</u>	<u>7/13</u>	<u>0740</u>	<u>7</u>	<u>5/17</u>	<u>2506518</u>		<u>24.2</u>	<u>7.0</u>	<u>P</u>
CAL ICV CCV	<u>mm</u>	<u>7/13</u>	<u>0741</u>	<u>4</u>	<u>3/18</u>	<u>2603491</u>		<u>150.5</u>	<u>4.0</u>	<u>P</u>
CAL ICV CCV	<u>mm</u>	<u>7/13</u>	<u>0742</u>	<u>10</u>	<u>9/16</u>	<u>2503774</u>		<u>-192.2</u>	<u>10.0</u>	<u>P</u>
CAL ICV CCV	<u>mm</u>	<u>7/13</u>	<u>0743</u>	<u>4</u>	<u>3/18</u>	<u>2603491</u>			<u>4.0</u>	<u>P</u>
CAL ICV CCV	<u>FB</u>	<u>7/13/16</u>	<u>16:45</u>	<u>7</u>	<u>5/17</u>	<u>2506518</u>			<u>6.94</u>	<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>
CAL ICV CCV										<u>P</u>

Acceptance Criteria: $\pm 0.2 \text{ SU}$

Maintenance: Weekly pH Slope: 174.7 Specific Conductance Probe Cleaned? Yes No Dissolved Oxygen Membrane Changed: Yes No

Notes: