

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: L-1605

RO: 2018-02-12-62

Project: SMP

Boldly X
Box if the
qualified
this non

- Notes: (1) Always wait for meter to stabilize before recording any readings.
(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: ☒ Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 1/9/19

DO	Name	Date	Time	Temp	DO	Temp	DO	Temp	DO	Temp	DO	Temp
Calibr.	<u>Ally Miro</u>	<u>5/22/18</u>	<u>08:56</u>	<u>23.86</u>	<u>8.5</u>	<u>8.45</u>	<u>100</u>		<u>0.9</u>	<u>P/F</u>	<u>L/F</u>	
ICV	<u>"</u>	<u>5/22/18</u>	<u>08:58</u>	<u>23.87</u>	<u>8.5</u>	<u>8.49</u>	<u>100</u>		<u>0.9</u>	<u>P/F</u>	<u>L/F</u>	
CCV	<u>Ally Miro</u>	<u>5/22/18</u>	<u>16:10</u>	<u>23.4</u>	<u>8.5</u>	<u>8.64</u>	<u>102.1</u>		<u>0.9</u>	<u>P/F</u>	<u>L/F</u>	
CCV												

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75
Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec	Name	Date	Time	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
Calibr.	<u>Ally Miro</u>	<u>5/22/18</u>	<u>08:00</u>	<u>27.14</u>	<u>5.3</u>	<u>10/19</u>	<u>1000</u>	<u>1000</u>	<u>P/F</u>	<u>L/F</u>		
ICV	<u>"</u>	<u>"</u>	<u>09:10</u>	<u>27.10</u>	<u>7.81</u>	<u>9/19</u>	<u>100</u>	<u>102</u>	<u>P/F</u>	<u>L/F</u>		
CCV	<u>Ally Miro</u>	<u>5/22/18</u>	<u>16:14</u>	<u>28.01</u>	<u>6.6</u>	<u>1/20</u>	<u>500</u>	<u>501</u>	<u>P/F</u>	<u>L/F</u>		
CCV												

Conductivity Acceptance criteria $\pm 5\%$

DO	Name	Date	Time	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
Calibr.	<u>Ally Miro</u>	<u>5/22/18</u>	<u>09:14</u>	<u>17.45</u>	<u>4.4</u>	<u>06/19</u>	<u>7.0</u>	<u>7.0</u>	<u>-1.8</u>	<u>P/F</u>	<u>L/F</u>	
Calibr.	<u>"</u>	<u>"</u>	<u>09:18</u>	<u>17.72</u>	<u>3.8</u>	<u>10/19</u>	<u>4.0</u>	<u>3.99</u>	<u>174.4</u>	<u>P/F</u>	<u>L/F</u>	
Calibr.	<u>"</u>	<u>"</u>	<u>09:22</u>	<u>17.65</u>	<u>0.7</u>	<u>9/19</u>	<u>10.0</u>	<u>9.99</u>	<u>-175.9</u>	<u>P/F</u>	<u>L/F</u>	
ICV	<u>"</u>	<u>"</u>	<u>09:26</u>	<u>17.65</u>	<u>0.7</u>	<u>9/19</u>	<u>10.0</u>	<u>9.98</u>	<u>-175.2</u>	<u>P/F</u>	<u>L/F</u>	
CCV	<u>Ally Miro</u>	<u>5/22/18</u>	<u>16:18</u>	<u>17.72</u>	<u>3.8</u>	<u>10/19</u>	<u>4.0</u>	<u>4.12</u>	<u>16.52</u>	<u>P/F</u>	<u>L/F</u>	
CCV												

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 174.1, slope from 4 to 7 176.2 (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? ☒ Yes / No If yes, list date of last quarterly depth verification 1/9/18

Depth Sensor	Name	Date	Time	Calibrated	ICV Value	Pass /	Lab /
(Daily Calibration & ICV)			CT-ET	Value (0.00 or Offset), meters	meters	Fail	Field
Pressure mode in air	<u>Ally Miro</u>	<u>5/22/18</u>	<u>09:30</u>	<u>0.0</u>	<u>0.0</u>	<u>P/F</u>	<u>L/F</u>

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: