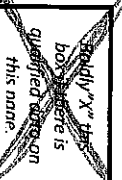


CALIBRATION AND VERIFICATION LOG (DEP SOP FT 1000-FT 1500, FD 1000-FD 4000)



Meter ID:

Reys

RQ

2018-02-12-28

Project:

DT SANABATA

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

1/6/18

DO	Name	Date	Time	Temp	D.O. Chart	Meter D.O.	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
DEP SOP FT 1500			CT-ET		mg/L	mg/L					
Calibr.	<u>S. CACAC</u>	<u>2/12/18</u>	<u>0710</u>	<u>25.0</u>	<u>8.2</u>	<u>8.2</u>	<u>97</u>	<u>56</u>	<u>1.07</u>	<u>Pass</u>	<u>Field</u>
ICV	<u>"</u>	<u>"</u>	<u>0711</u>	<u>25.1</u>	<u>8.2</u>	<u>8.2</u>	<u>100</u>	<u>56</u>		<u>Pass</u>	<u>Field</u>
CCV	<u>S. CACAC</u>	<u>2/12/18</u>	<u>0740</u>	<u>24.6</u>	<u>8.3</u>	<u>8.8</u>	<u>147</u>			<u>Pass</u>	<u>Field</u>
CCV										<u>Pass</u>	<u>Field</u>

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. Cond.	Name	Date	Time	Lot #	Expir. Date	Standard	Meter Reading	Pass / Fail	Lab / Field
FT 1200			CT-ET			umhos/cm	umhos/cm		
Calibr.	<u>S. CACAC</u>	<u>2/12/18</u>	<u>0713</u>	<u>171211</u>	<u>12/18</u>	<u>1444</u>	<u>1444</u>	<u>Pass</u>	<u>Field</u>
ICV	<u>"</u>	<u>"</u>	<u>0715</u>	<u>170828</u>	<u>09/18</u>	<u>144</u>	<u>141</u>	<u>Pass</u>	<u>Field</u>
CCV	<u>Georg Smard</u>	<u>2/12/18</u>	<u>1455</u>	<u>2706591</u>	<u>05/19</u>	<u>50.000</u>	<u>50.080</u>	<u>Pass</u>	<u>Field</u>
CCV								<u>Pass</u>	<u>Field</u>

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time	Lot #	Expir. Date	pH Buffer	Meter reading	mV	Pass / Fail	Lab / Field
			CT-ET			SU	SU			
Calibr.	<u>S. CACAC</u>	<u>2/12/18</u>	<u>0716</u>	<u>170417</u>	<u>8/19</u>	<u>7.0</u>	<u>7.0</u>	<u>-14</u>	<u>Pass</u>	<u>Field</u>
Calibr.	<u>"</u>	<u>"</u>	<u>0717</u>	<u>170444</u>	<u>8/19</u>	<u>4.0</u>	<u>4.0</u>	<u>158</u>	<u>Pass</u>	<u>Field</u>
Calibr.	<u>"</u>	<u>"</u>	<u>0720</u>	<u>172902</u>	<u>7/19</u>	<u>10.0</u>	<u>10.0</u>	<u>-216</u>	<u>Pass</u>	<u>Field</u>
ICV	<u>"</u>	<u>"</u>	<u>0721</u>	<u>172902</u>	<u>4/19</u>	<u>10.0</u>	<u>10.0</u>	<u>-215</u>	<u>Pass</u>	<u>Field</u>
CCV	<u>Georg Smard</u>	<u>2/12/18</u>	<u>1458</u>	<u>176044</u>	<u>8/19</u>	<u>4.0</u>	<u>4.1</u>	<u>156</u>	<u>Pass</u>	<u>Field</u>
CCV									<u>Pass</u>	<u>Field</u>

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

mV pH 4 Range +180 ± 50;

mV pH 10 Range -180 ± 50;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (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 _____

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

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

COMMENTS: