

INSTRUMENT CALIBRATION FIELD SHEET



PROJECT: Rio Puerto Nuevo 103

ANAMAR Environmental Consulting, Inc.
 2106 NW 67th Place, Suite 5
 Gainesville, FL 32653
 (352) 377-5770

Team Initials: JG, TC, MM
 Date: 29 Nov. 2018 + 30 Nov. 2018
 Time: 1547 hrs, 09:58 hrs

HYDROLAB or YSI (circle one) Instrument # Head Guy's Voltage Full Battery
 Battery Checked:

Conductivity Calibration Responses CIRCLE (mS/cm) OR (μ S/cm) End of Day Reading

Acceptance Criteria: \pm 5% Standard DIW (read only)

Exp. Date	Lot#	Standard	Pre-Cal	Post-Cal	Mid-Day	Re-Cal*	End of Day Reading
11/19	181112D	ISK	4.9	24.1			24.1
01/19	181112E	SOK	66.5	150.6	157.5		157.5
			50455	50094			50094

DO Calibration Responses @ 760 mmHg End of Day Reading

Acceptance Criteria: \pm 0.3mg/L Parameter

Parameter	Pre-Cal	Post-Cal	Mid-Day	Re-Cal*	End of Day Reading
Temp (°C)	31.7	26.5			26.5
DO (mg/L)	7.98	8.33			8.33
DO (% sat)	109.7	103.8			103.8
O2 Solubility Table Reading:	7.4	8.0			8.0

pH Acceptance Criteria: \pm 0.2 SU End of Day Reading

Exp. Date	Lot#	Buffer	Pre-Cal	Post-Cal	Mid-Day	Re-Cal*	End of Day Reading
07/19	180112E	7.00	7.03				7.12
07/19	180112C	10.00	9.94				10.05
01/19	180112D	Read Only 4.00	4.14				4.16

Turbidity Secondary Standards Reading (NTU) End of Day Reading

Turb meter# #1 Standard AM Reading

Standard	AM Reading	End of Day Reading
DIW, 0.00	0.54	0.42
Read Only 5.00	5.10	5.02
Read Only 50.9	50.3	50.2
Read Only 555	557	553
Instrument Calibration Date:	25 July 2018	

Field Maintenance

Field Maintenance Membranes changed (Y/N):
 O-rings changed (Y/N):
 Probe fluid changed (Y/N):
 Probe fluid Lot #:

Date:
 Time:
 Initials:

Notes: _____

*ReCal readings only taken if mid-day readings do not meet acceptance criteria and instrument needs to be re-calibrated.

INSTRUMENT CALIBRATION FIELD SHEET



PROJECT: Rio Puerto Nuevo 103

ANAMAR Environmental Consulting, Inc.
 2106 NW 67th Place, Suite 5
 Gainesville, FL 32653
 (352) 377-5770

Team Initials: TC

Date: 12/18/18

Time: 0720

HYDROLAB or YSI (circle one)	Instrument #: #1	Voltage OK
		Battery Checked: <input checked="" type="checkbox"/> OK

Conductivity		Calibration Responses CIRCLE (mS/cm) OR (μ S/cm)					End of Day Reading
Exp. Date	Lot#	Standard DIW (read only)	Pre-Cal	Post-Cal	Mid-Day	Re-Cal*	
11/19	18111D	15,000	1014				
11/19	18111E	50,000	16451	15265			15182
			50910	50882			50661

DO		Calibration Responses @ 760 mmHg				End of Day Reading	
Exp. Date	Lot#	Parameter	Pre-Cal	Post-Cal	Mid-Day	Re-Cal*	
		Temp (°C)	25.5	25.6			23.2
		DO (mg/L)	8.43	8.21			8.61
		DO (% sat)	102.9	100.4			100.9

O2 Solubility Table Reading: _____

pH		Acceptance Criteria: \pm 0.2 SU				End of Day Reading	
Exp. Date	Lot#	Buffer	Pre-Cal	Post-Cal	Mid-Day	Re-Cal*	
5/20	14112D	7.00	6.81	6.99			6.95
5/20	18112C	10.00	9.909	10.01			9.97
5/20	18112A	Read Only 4.00	4.01	4.00			3.99

Turbidity		Secondary Standards Reading (NTU)		
Turb meter#	Standard	AM Reading		End of Day Reading
	DIW, 0.00	0.59		0.49
Acceptance Criteria	Read Only 6.00	6.16		6.19
0.1 - 10 NTU: \pm 10%	Read Only 57.7	56.9		57.3
11 - 40 NTU: \pm 8%	Read Only 521	518		521
41 - 100 NTU: \pm 6.5%	Instrument Calibration Date:	2/18/17		
>100 NTU: \pm 5%				

Field Maintenance

Field Maintenance	
Membranes changed (Y/N):	<input type="checkbox"/>
O-rings changed (Y/N):	<input type="checkbox"/>
Probe fluid changed (Y/N):	<input type="checkbox"/>
Probe fluid Lot #:	<input type="text"/>
Date:	<input type="text"/>
Time:	<input type="text"/>
Initials:	<input type="text"/>

Notes: _____

*ReCal readings only taken if mid-day readings do not meet acceptance criteria and instrument needs to be re-calibrated.