Coastal Carolina University

Environmental Quality Lab

Waccamaw River Volunteer Monitoring

Field Data Sheet

Team 5

Kit # : **Location:** **Date:**

DISSOLVED OXYGEN

Meter model#

CALIBRATION CHECK

	DO% (Acceptance range 90-110%)	DO mg/L	Temp ºC
1)			
2)			
3)			

SAMPLE READING

	DO%	DO mg/L	Temp ºC
1)			
2)			
3)			

Sampled by (Print Name/s): _____ **Time Sampled:** _____

COMMENTS

CONDUCTIVITY

Meter model#

CALIBRATION CHECK

Copy LCS label information: _____

	Conductivity (µS/cm)*	Temp ºC
1)		
2)		
3)		

SAMPLE READING

	Conductivity ☐ (µS/cm) ☐ (mS/cm)	Total Dissolved Solids (TDS) ☐ (mg/L) ☐ (g/L)	Temp ºC
1)			
2)			
3)			

* Acceptance range: **±50 µS/cm** of value on the LCS Label

Sampled by (Print Name/s): _____ **Time Sampled:** _____

COMMENTS

Please make sure none of the colored cells are left unfilled.

pH Meter model# page 2

CALIBRATION CHECK

Acceptance Limits: Copy info from the Label		Lower	Higher
	Yellow		
	Red		

Yellow	**pH (LCS)**	1)	2)	3)
	Temp ºC			
Red	**pH (LCS)**	1)	2)	3)
	Temp ºC			

SAMPLE READING

pH	Temp ºC
1)	
2)	
3)	

Sampled by (Print Name/s): _____ **Time Sampled: _____**

COMMENTS

TEST STRIPS

Ammonia Reading: _____

Nitrite Reading: _____ (Compare the color of the pad near to your fingers i.e., away from the tip of the strip)

NitrAte Reading: _____ (Compare the color of the pad present at the tip of the strip)

(Remember to label sample bottle with Date, Location and initials of sampler)

FIELD INFO (circle one)

Sun Bright Sunny ---- Partially Cloudy ---- Thick Clouds

Rain Date of Last Rain: _____ Amount: Heavy ---- Moderate ---- Low

Flow Down the gradient ---- Up the gradient ---- Slack tide

COMMENTS

Sampled by (Print Name/s): _____ **Time Sampled: _____**

Please make sure none of the colored cells are left unfilled.