

Coastal Carolina University				Volunteer Monitoring		Page 1	
Environmental Quality Lab				Field Data Sheet			
Kit # :		Location:		Date:			
DISSOLVED OXYGEN Meter model#							
CALIBRATION CHECK				SAMPLE READING			
	DO% (Acceptance range 90-110%)	DO mg/L	Temp °C		DO%	DO mg/L	Temp °C
1)				1)			
2)				2)			
3)				3)			
Report to Ken Hayes if values are below 60% and/or 4.00 mg/L							
Sampled by (Print Name/s): _____				Time Sampled: _____			
If D.O. is out of acceptance range, recalibrate in the field and note in comment section.							
CONDUCTIVITY / SALINITY Meter model#							
CALIBRATION CHECK				SAMPLE READING			
Copy CCS label information: _____							
	<input type="checkbox"/> Conductivity (µS/cm) Salinity ‰ *	Temp °C		<input type="checkbox"/> Conductivity (µS/cm) (mS/cm)	Total Dissolved Solids (TDS) <input type="checkbox"/> (mg/L) <input type="checkbox"/> (g/L)	Salinity ‰ (ppt; parts per thousand)	Temp °C
1)				1)			
2)				2)			
3)				3)			
* measure if conductivity is > 5,000 µS/cm							
If Conductivity / Salinity is out of acceptance range; continue taking field measurements. Recheck using LCS conductivity standard at home and notify Ken. Write the post-sampling LCS result here:							
Sampled by (Print Name/s): _____				Time Sampled: _____			
COMMENTS							
07/10/2009 KCH							

	pH	Meter model#			
CALIBRATION CHECK					
Acceptance Limits: Copy info from the Label			Lower limit	Higher limit	
			5.90	6.10	SAMPLE READING
	pH (CCS)	1)	2)	3)	pH
	Temp °C				Temp °C
					1)
					2)
					3)

Report to Ken Hayes if values are less than 6.00 or greater than 8.50

Sampled by (Print Name/s): _____ Time Sampled: _____
If pH is out of acceptance range; continue taking field measurements. Recheck using pH 6 standard at home and notify Ken. Write the post-sampling LCS result here:

TEST STRIPS			Report to Ken Hayes if the sum of all three nutrient values is above 0.87 mg/L
	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)						COMMENTS
Sun	Bright Sunny	Partially Cloudy	Thick Clouds			
Rain	Date of Last Rain: _____	Amount: _____	Heavy	Moderate	Low	
Flow	Down gradient	Up gradient	Slack tide			
Sample collected (circle):	500 mL turbidity	30 mL bacteria	20 mL nutrients	Other		

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