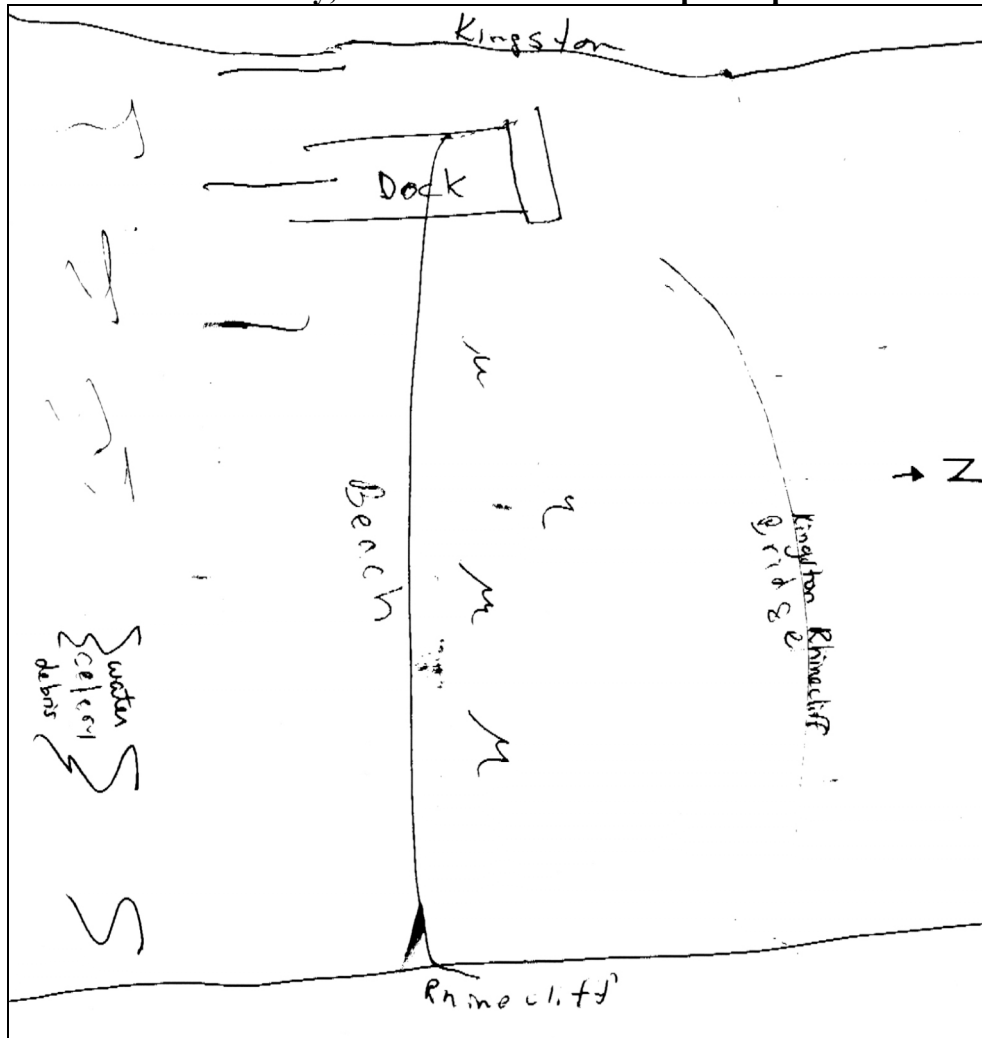


**Snapshot Day 10/7/08 Data
 (Salt Front RM 63.4)
 RIVER MILE 92
 Kingston Point Park, Kingston
 GPS Latitude 41°55.6 N Longitude 73°57.80 W
 Steve & Julie Noble, Forsyth Nature Center
 Jamie Carey, Dutchess ARC – 8 adult participants**



Participant Sketch of Site

Location: Kingston Point Beach, beach and parking lot

Area: Used for picnics, boating, fishing, swimming

Surrounding Land Use: 20% forested; 80% beach

Sampling Site: shoreline is sandy with some bricks, banks are altered, collected wood debris in the area

Plants in area: 1% of the area is covered in plants – 1% water celery plus in the water duckweed.

Water depth: 0-4 feet in depth – gradual slope on the beach – 4 ft. deep much further out

River Bottom : sandy and muddy bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:20 AM	55°F		
Wind Speed	1-3 knots			
Cloud Cover	clear			
Weather today	No precipitation			
Weather recently	Frost last night with low precip. Brief rain shower yesterday			
<i>Water Temperature</i>	11:22 AM	63°F 65°F 64°F		64°F avg
	11:45 AM	61°F		
<i>Water calm</i>	yes			
<i>Turbidity Site tube</i>	11:35 AM	30 JTU	6 inch depth	
		20 JTU	12 inch depth	
	12:10 PM	20 cm		
<i>Chlorophyll</i>	10:30 AM	0.1	Least amount	
<i>Chemical</i>				
DO ampules	11:48 AM	8.0 mg/L	17.78°C	85% saturated
pH				
Phosphate chemets	12:00 PM	0.1 ppm		
Salinity	Not tested			
<i>Fish Catch 20' seine</i>	<i>Number Caught</i>	<i>Species</i>	<i>Largest Size</i>	<i>Seine</i>
X 3'	5	Banded killifish	6 cm max.	
<i>Tides</i>	10:30 AM	25.5cm	10 inches	Falling
	11:30 AM	14.5 cm	5.75 inches	Falling
	12:30 PM	0 cm	0 inches	Falling Tide went out past the stick location on the beach
<i>Currents</i>		No current measurable on shoreline – we are out of the channel		Site is in a cove. Waves come directly onshore from the N.
<i>Traffic</i>	None seen			

<i>Other Items</i>	3 migrating butterflies!			
<i>Core</i>	14 cm total length	2 cm top brown	12 cm bottom grayish color with small brick pieces present	2 distinct layers