Snapshot Day 10/2/07 Data
(Salt Front RM 78.2)
RIVER MILE 92
Kingston Point Park, Kingston
GPS Latitude 41°55.6 N Longitude 73°57.80 W
Steve & Julie Noble, Forsyth Nature Center
Mrs. Dipple, Robert Graves Elementary School 5th grade – 50 students

Location: Kingston Point Beach, beach and parking lot
Area: Used for picnics, boating, fishing, swimming
Surrounding Land Use: 5% forested; 95% beach
Sampling Site: shoreline is sandy and muddy, banks are altered,
Plants in area: Water celery, duckweed, water chestnut washed up in the area – no longer covering
Water depth: 0-2 feet in depth
River Bottom : sandy and muddy bottom

ITEM	*Time*	*Reading 1*	*Reading 2*	*Comments*
Physical				
Air Temperature	10:22 AM	20.6°C 69°F		
Wind Speed	#1 on Beaufort	variable		
Cloud Cover	overcast	rainy		
Weather today	Partly cloudy/overcast			
Weather recently	Seasonal weather, no precipitation			
Water Temperature *Sunny in <1 ft. water*	10:45 AM	21.13°C	11:50 AM	22.8°C
Water calm	yes			
Turbidity *Site tube*	9:21 AM	20 JTU 20 JTU 20 JTU		
	12:10 PM	20 cm		
Chlorophyll	9:05 AM	0.1		
Chemical				
DO *Direct sun, shallow, surf*	11:00 AM	10.0 mg/L	21.97°C	115% saturated
pH	10:45 AM	7.9		meter
	11:50 AM	7.9		
	1:00 PM	7.9		
Phosphate *chemets*	average	0.15 ppm		
Nitrate	average	0.1ppm		

chemets				
chemets	1:06 PM	0.1 ppm		
	1:25 PM	0.1 ppm	0.2 ppm	
Alkalinity				
Salinity	Not tested			
Fish Catch *28'seine*	***Number Caught***	***Species***	***Largest Size***	***Seine***
	262	Herring	2 inch	
	2	Banded killifish	3 inch	
	45	Yellow Perch	2.5 inch	
	1	Unidentified crab		
Found in tide pool under rocks	10	American Eel	4 inch	***Tide Pool***
Tides	9:30 AM	20 cm		
	10:20 AM	12.5 cm	falling	
Currents	10:21 AM	flood		
Traffic	9:30 AM	Walkabout Bay, NY, NY	Northbound	
	11:40AM	RTC 55- John Reindeer Tug - Little Joe	Northbound	
Other Items	Pollution items	Litter, cigarette butts and run off		
	Great Blue Heron	Ring Billed Gulls		
	Kayaker	6-8 Personal watercraft		
Core				