

**Snapshot Day 10/18/11 Data
(Salt Front RM 35.7)
RIVER MILE 40**



**Riverfront Green, Peekskill, Westchester
Michael Billy & 3 adults from HS, Walter Panas High School - 11 students, 11/12th
graders**

Latitude N 41° 17'12.85" Longitude W 73° 55'.53.67"



Location: Riverfront Green, Peekskill, Westchester County

Area: Grassy park area with beachfront

Surrounding Land Use: Grassy area for picnics, sandy beachfront

Sampling Site: beach, riprap, banks altered, dock, bulkhead, vegetation

Plants in area:

Water depth: 4 ft.

River Bottom – sandy, muddy, rocky.

SAMPLING TIMES: 11AM to 12:30 PM

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				

Air Temperature		68 °F		
Wind Speed		0-5 knots	Northwest	
Cloud Cover	none			
Weather today	Clear, no precipitation			
Weather recently	Partly cloudy last 3 days			
Water Surface	Calm			
Water Temperature –	12:00 noon	64°F		In direct sun
Turbidity – long-site tube		22.4cm 19.2 cm 18.6 cm		20 cm
Chlorophyll		1.0		
Chemical				
DO (drop kits)	12:00 PM	7.73	64.33°F	82.4%
pH		7.72		
Salinity - meter		0.13 psu		
Alkalinity				
Nitrates				
Phosphate				
Fish Catch- Noon	Number Caught	Species	Length	Seine
10 ft net X 4ft–	5	Spottail Shiner	7 cm	#1
	1	Striped Bass	11 cm	#2
	1	Gizzard Shad	10 cm	
	1	Tessalated Darter	5 cm	
Tides	TIME	Water height	Rise/Fall	
Currents	Time	Cm/60 sec	Cm/sec	Direction
	Noon	312/60 cm	5.2 cm/sec	flood
Core –	TIME	Rare	Common	Abundant
Traffic				
Other Items				