

Snapshot Day 10/2/07 Data
(Salt Front RM 78.2)
RIVER MILE 36
Croton Point Park, Westchester County
Dan Einbender, Clearwater
Esra Murray & Eileen Deacy, Carrie E. Tompkins Elementary School – 4th grade,
125 students
41.20°N 73.89°W

Location: Rocky beach surrounded by rising forested land and small yard and driveway
Area: A path along the beach with rising forested hills and yard with house and driveway
Surrounding Land Use: Forested 70%, Beach 30%
Sampling Site: Beach area with with raprap @ north end, collected wood debris in area
Water depth: 4 ft. at low tide
River Bottom –muddy & weeds on bottom
Plants in area: 85% of water area has plants
Plants in sampling area: 100% water chestnuts

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed	2 knots			
Cloud Cover	Partly cloudy			
Weather today				
Weather recently				
<i>Water Temperature</i>	9:20 AM	21°C 69 °F		
	10:40 AM	22°C 72 °F		
	11:35 AM	21°C 70°F		
	12:40 PM	24°C 75°F		
<i>Water calm</i>				
<i>Turbidity</i>				
<i>Chlorophyll</i>	10:50 PM	0.1		
<i>Chemical</i>				
DO (drop count kit)	9:30 AM	8.4 mg/L	21°C	96%
pH	9:20 AM	7.5		Litmus paper.
Phosphate				
Nitrate				
Alkalinity				
Salinity	9:45 AM	10,000 ppm		Titration kit

<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>Size of largest</i>	<i>Seine</i>
255 total caught	9	Atlantic Silverside	3.5 inch	9:30 AM
	3	Striped Bass	3 inch	
	8	Atlantic Silverside	3.5 inches	10:30 AM
	107	Striped Bass	4.5 inches	
	15	Yellow Perch	4 inches	
	2	Pipefish	5.5 inches	
	4	Atlantic Silverside	3.5 inches	11:30 AM
	22	Striped Bass	4 inches	
	4	Yellow Perch	3.5 inches	
	7	Atlantic Silverside	3.5 inches	12:30 PM
	68	Striped Bass	4 inches	
	3	Atlantic Silverside	4.25 inches	1:30 PM
	35	Striped Bass	8 inches	
<i>Tides</i>	9:10 am	42 cm		
	10:15 am	68 cm		
	11:13 am	110 cm		
	12:15 PM	124 cm		
	1:35 PM	144 cm		
<i>Currents</i>				
<i>Traffic</i>	10:45 AM	Tug & barge	Northbound	Loaded/oil
	11:00 AM	sailboat	Southbound	
<i>Other Items</i>				
<i>Core</i>				