

Snapshot Day 10/12/06 Data
(Salt Front RM 52.5)
RIVER MILE 35
Croton Point County Park, Croton, NY
Jason Choi, Sleepy Hollow High School, 11th-12th grade



Location: Waterfront park in Westchester County Park

Area: Beach, Grassy,

Surrounding Land Use: Evidence of Human Activity: Condos, Railroad nearby, Reclaimed Landfill, Park

Sampling Site: beach area

Plants in area: virtually no submerged aquatic vegetation

Water depth:

River Bottom –

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:14 AM	19.5 C°		°C °F
	10:44 AM	20.2 C°		
	11:14 AM	18.5C°		
Wind Speed	10:20 AM-	Beaufort 2 - 6-11 km/hr		From West
Cloud Cover	10:19 – 10:52 overcast; 11:35 mostly cloudy; 12:34 overcast			
Weather today	cloudy			
Weather recently	rain last night			
<i>Water Temperature</i>	10:14 AM	19.9°C		
	10:44 AM	20.2°C		
	11:14 AM	20.2°C		
<i>Turbidity</i>				

<i>Chlorophyll</i>	10:30 AM	0.7		
<i>Chemical</i>				
DO (drop count kit)	10:44 AM	20.2°C	9.4 mg/L	110% saturated
pH (litmus paper)	10:42	6.8		
Phosphate				
Nitrate				
Alkalinity				
Salinity (Test kit)	11:00 AM	4.2 ppt		
<i>Fish Catch - From mother's lap</i>	<i>Number Caught</i>	<i>Species</i>	<i>Size</i>	<i>seine</i>
	0			<i>Seine 1</i>
	1	Striped Bass		<i>Seine 2</i>
	1	Pipefish		
	2	Mud crabs		
	2	Striped Bass		<i>Seine 3</i>
	2	Silversides		
	2	Blue crabs		
	4	Mud crabs		
	1	Striped Bass		<i>Seine 4</i>
	2	Silversides		
	2	Blue crabs		
	5	Mud crabs		
	2	Silversides		<i>Seine 5</i>
	2	Silversides		
	3	Mud crabs		
<i>Tides</i>	10:10 AM	0.0 cm	rising	
	10:30 AM	5.0 cm	rising	
	10:50 AM	11 ccm	rising	
	11:10 AM	16 cm	rising	
	11:30 AM	24 cm	rising	
	11:50 AM	30 cm	rising	
	12:10 AM	37 cm	rising	
<i>Currents</i>				
<i>Core Sample</i>	20 cm long	Mostly sand, coarse & hard	Difficult to obtain sample	Softer and silkier thin layer of silt or clay.