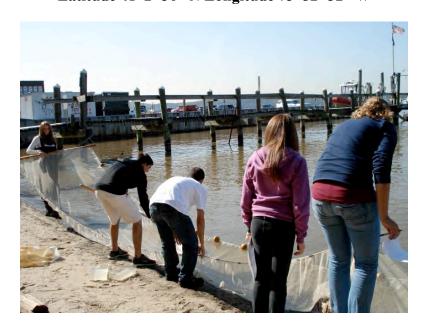
Snapshot Day 10/18/11 Data (Salt Front RM 36) RIVER MILE 25E

Matthiessen Park, Irvington Joanna Morabito- Irvington High School Marine Science Class 17 students, 11/12th graders Latitude 41° 2' 30" N Longitude 73° 52' 32" W



Area: Large, grassy field and small beach with riprap on shore.

Surrounding Land Use: Sampling Site: 90% grassy field; 10% beach

Plants: No water plants; Trees in park, grass

Water Depth: 4 feet

River Bottom: Sand and rock

Weather Conditions: Partly Cloudy, 67°F; Calm wind

Sampling Times: 11:45 AM- 1:45 PM

ITEM	Time	Reading 1	Reading 2	Comments
Physical				
Air Temperature	12:00 PM	67 °F		
Wind Speed	12:00 PM	Calm		
Cloud Cover	12:00 PM	Partly Cloudy		

	1	Atlantic Silverside *Rainbow	7 cm 9.5 cm	*Students note		
Fish Catch- 12:00 PM to 1:25 PM	Number Caught	Species	Average Length	Seine		
Fish Catally 42-00	12:50 PM	Species	Avonessalassal	Saina		
Phosphate	12:12 PM	2.0 mg/L	1.0 mg/L			
	12:50 PM		<i>J.</i>			
Nitrates	12:12 PM	< .5 mg/L	< .5 mg/L			
Meter Alkalinity						
Salinity -						
Calinda	1:30 PM					
рН	12:00 PM	7.2	7.2			
(drop kits)						
DO						
Chemical						
Chlorophyll						
Turbidity – long- site tube						
Temperature –	12:41 PM					
Water	12:00 PM	63 °F	63 °F			
Water Surface	Calm					
Weather recently	Partly cloudy over the last 3 days; Windy over the weekend					
Weather today	Light rain early in the morning before arrival; Partly cloudy conditions during sampling time.					

		silverside		
Tides	TIME	Water height	Rise/Fall	
Currents	Time	Cm/60 sec	Cm/sec	Direction
	12:00 PM	.15 cm/60	.003 cm/sec	Flood
Core –	TIME	Rare	Common	Abundant
Traffic				
Other Items		,	•	,



