

Day in the Life of the Hudson River 10/22/20
CROTON POINT PARK, CROTON
RIVER MILE: 35
Salt Front: ~ RM 75
Teatown– Marie Roche, 6 participants
Latitude 41.2084 N & Longitude – 73.8912 W



American shad – young of year

Location: Mother’s Lap, Croton Park, NY

Area: Rocky beach surrounded by rising forested land, pier, beach, grassy, landfill

Surrounding Land Use: Beach 80%, 20% landfill across the road, Forested behind

Sampling Site: Beach area with raprap @ north end, collected wood debris in area

River Bottom: sandy bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature</i>	10:30 AM	14 ° C	58 ° F	
<i>Wind Speed:</i>	10:20 AM	3-6 knots	Northwest	Beaufort 1 or 2
<i>Weather today</i>	Cloudy			
<i>Weather past 3 days:</i>	Cloudy, rain/foggy, and some sun			
<i>Tides-</i>	<i>Low Tide</i>	<i>High Tide</i>	<i>Time of Sampling</i>	<i>Tide</i>
	9:46 AM	3:15 PM	10:30 AM	Flooding
<i>Current-</i>	<i>Time</i>	<i>cm/second, Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
<i>Water Temperature-</i>	10:30 AM	14 ° C	58 ° F	
<i>Turbidity- Long Sight Tube</i>	10:50 AM	25.6 cm and 32 cm		
Chemical				
<i>Salinity- Hydrometer</i>	10:32 AM	9 ppt		
<i>DO – Hach Kit</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	11:30 AM	14 ° C	11 ppm	110%
Biological				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
	118	Atlantic Silverside		
	74	Striped Bass		
	59	White perch		
	1	Winter flounder		
	1	American shad		
Fish Totals	TOTAL: 253	Diversity: 5		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
Macroinvertebrate Totals	TOTAL:	Diversity:		
Observations				