

Day in the Life of the Hudson River 10/20/15 Data
RIVER MILE 35E
Croton Point Park, Croton on Hudson
Catherine Brennan – Pierre Van Cortland MS –125 5th graders and 6 adults

Location: Mother's Lap, Croton Park NY

Area: Rocky beach surrounded by rising forested land and small yard and driveway

Surrounding Land Use: Forested 70%, Beach 30%

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

River Bottom – sandy/rocky bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>		<i>Comments</i>
Physical				
Air Temperature	PM	70 °F in shade 80 °F in sun		
Wind Speed	Time	Beaufort #0		
Cloud Cover	clear			
Weather today	Clear			
Weather recently	Cold			
Water Temperature	AM	52 ° F		
Water	Calm			
Chemical	TIME	Reading		
DO	AM	8.0 ppm		
pH	AM	6		
Salinity -	AM -	Reported at 9.0 ppt *	*too high – must be error	
Sediment Core	Comment	Abundant	Common	Rare
	Lighter color on top with an oil texture	Sand	Mud	Clay Gravel
Fish –	AM	PM	Species	
	25	50	Atlantic Silversides	
	1	0	Bay Anchovy	
	15	0	Alewife	
	3	0	Northern Pipefish	
	3	5	Striped Bass	
	1	0	Hog Choker	
	2	4	White Perch	
Total Fish	50	59	Diversity 7	
Macroinvertebrates	0	3	Blue Crab	
Total Macro 3			Diversity 1	