

**Day in the Life of the Hudson River 10/10/13 Data
(Salt Front RN 69.3)
RIVER MILE 18.5W
Alpine Boat Basin**

**Christina Fehre, Alpine Park, Palisades Interstate Park
Lisa, Wolfelsperger, & Rivka Rosenstein, Alpine Elementary School
Alpine NJ – 6th grade – 11 students
N 40°56.43”– W -73°55,7”**



Location: North end of the Alpine Boat Basin, adjacent to a sandy beach area

Area: Pier, Forested, parking lot, used for picnics, boats, fishing and education programs

Surrounding Land Use: 50% Forested (at the foot of the Palisades, 25% Man made Sandy Beach , 25%, recreationally developed pier

Sampling Site: sandy beach, banks altered, rip rap, bulkhead, pier

Plants in area: none

River Bottom – sandy, muddy

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:12 AM	59 °F 15°C		
Wind Speed	11:26 AM	Beaufort #4		N

Cloud Cover	Cloudy, drizzly			
Weather today	Rain/drizzle			
Weather recently	Some rain and light wind			
Water	choppy			
Water Temperature	11:12 AM	5°C 41 °F		
Turbidity	10:35 PM	52 cm 40 50	Average 47.3cm	Secchi Disk
	2 nd reading	54 53 53	53 cm	
Chlorophyll				
Chemical				
DO - Drop count kits	Not read			
pH – test strips	11:15 AM	6.5		
Salinity - hydrometer	11:00 AM	17.5 ppt		
Fish Catch - 8X4 ft. seine net	Number Caught	Species	Size	Seine
9:30-11:30 AM	1	White Perch	5-7 inch	
TOTAL CATCH 2	1	Shiner	3-4 inch	
DIVERSITY 2	~40	Jellyfish		
MACRO	8	Comb Jelly		
Total Catch	1	Shrimp	1.5 inch	
Tides				
Currents-				
Sediment Core	TOTAL Length	Common	Rare	Description
	Not recorded	Mud	Gravel, pebbles coal	sand
Shipping				