



# THE RIVER PROJECT

## Hudson River Snapshot Day 2007: A Day in the Life of the Hudson River Estuary October 5, 2007

The River Project hosted 60 3<sup>rd</sup> graders from the Trevor Day School for Hudson River Snapshot Day at the Picnic House of Hudson River Park's Pier 40. This site was one of 52 sites, with over 2,000 students participating statewide.



**JT Boehm shows the kids a mud crab**

environmental education centers are encouraged to team with school classes along the Hudson River to create a day-in-the-life picture of the river from the Troy Dam to New York Harbor.

This year, JT Boehm, Aquatic Projects Manager, with help from Chris Anderson, Matthew Washington and Laura Hughes of Friends of Hudson River Park, Bob Wallace of NYU's Wallerstein Collaborative for Urban Environmental Education the group from Trevor Day School set up six stations teaching students about the everyday life of the estuary, and collected data for the "snapshot" of the river at our location. Stations included:



**Chris Anderson discusses life of the Hudson**

- Checking fish traps to identify the inhabitants of the Hudson
- Dissolved oxygen and temperature
- pH and salinity
- Turbidity, plankton and chlorophyll
- Weather, tides and current
- Shipping traffic



**Plankton under the microscope**

Trevor Day School students took in the great weather while they checked traps on the west side of Pier 40, where they found Blue Crabs, Grass Shrimp, Mud Crabs, Oyster Toadfish, a Winter Flounder, a Sea Robin, a Striped Bass,

Bluefish, a Porgie and a multitude of tunicates and snails. They worked with a Kemmerer to test salinity, dissolved oxygen to understand the needs of life in the Hudson, and looked at plankton under microscopes. Results and data from the experiments performed by the group are a part of set of information gathered by all groups on Hudson River Snapshot Day, which will be made available by the New York State Department of Environmental Conservation.



**Working at the turbidity station**



**Showing off snails**



**Weather and Shipping Station**



**Checking traps for signs of life**

## **Thank You**

Many thanks to Karen Johnson of the Trevor Day School for organizing this event with The River Project, and bringing along the many teachers and parents who helped make this event a success. The River Project also thanks Bob Wallace of NYU's Wallerstein Collaborative for Urban Environmental Education and Matthew Washington and Laura Hughes of Friends of Hudson River Park for their help with Hudson River Snapshot Day.

This event was sponsored by The River Project, Con Edison and Port Authority of New York/New Jersey. Thanks go out to Hudson River Park Trust, which donated use of the Picnic House for this educational event.

### **The River Project**

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