



October 25, 2013

World Water Monitoring Day Celebration

hosted by the Pinelands Commission



Staff from Water Monitoring and Standards participated in the World Water Monitoring Day Celebration, hosted by the Pinelands Commission, at Batsto Lake in Wharton State Forest on October 25, 2013.

Students from Hammonton Middle School, Pinelands Jr. High School, Pemberton HFMS, Sterling High School, Cherry Hill West, and Doane Academy participated in the event.

Freshwater & Biological Monitoring staff help students identify bugs (benthic macroinvertebrates) found in Batsto Lake as well as explain how different bugs are indicators of water quality.

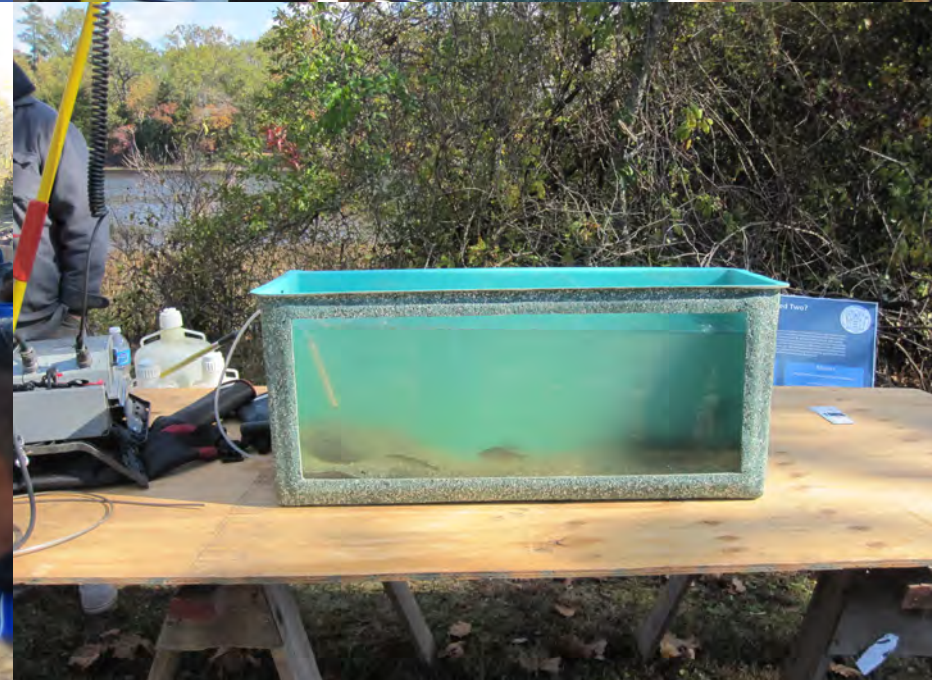
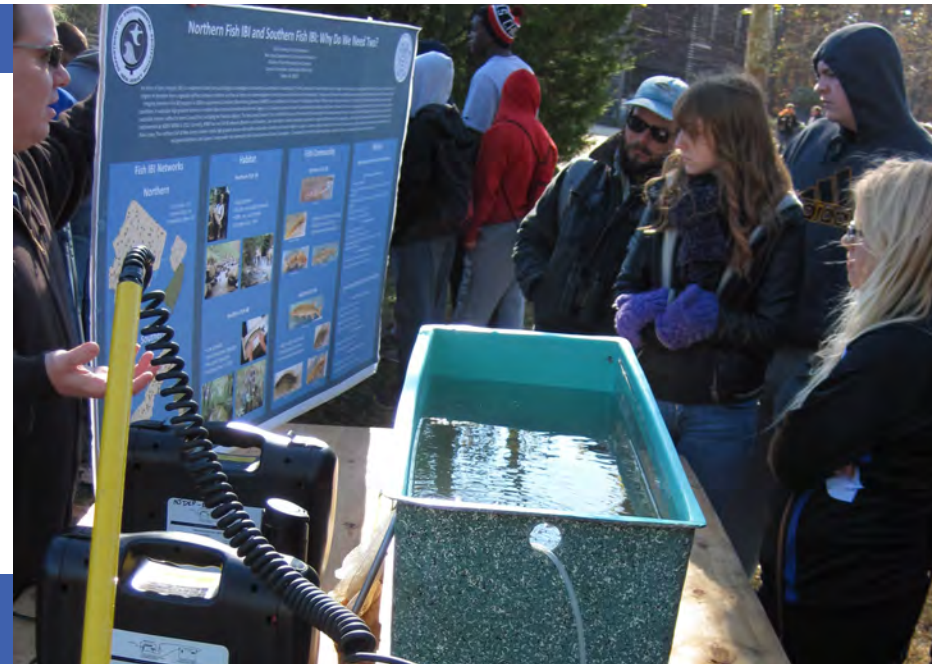




Physical/Chemical monitoring is another way of determining water quality. Freshwater & Biological Monitoring staff demonstrate the different meters, probes and instruments used to take readings as well as explain what the numbers and information mean in terms of chemical water quality.



In addition to bugs, fish also tell the story of biological water quality by their abundance and diversity. Freshwater & Biological Monitoring staff showcase local fish as well as explain which fish indicate what type of water quality.



Marine Water Monitoring staff describe the different coastal monitoring programs as well as explain how Pinelands waters drain to the coast and affect marine waterquality. In addition, various sea creatures, caught off the NJ coast, were showcased as part of an interactive display.



AmeriCorps NJ Watershed Ambassadors help students use an Enviroscape model to simulate different actions (e.g., applying fertilizer just before rain, not picking up dog poop, improperly disposing of used motor oil, etc). This exercise shows students how various behaviors can directly affect water quality.

