



# World Water Monitoring Day Celebration

October 20, 2017

*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 20, 2017.

Students from Hammonton Middle School, Doane Academy, Florence High School, & Pitman High School 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.





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.



AmeriCorps NJ Watershed Ambassadors