

New Jersey's  
celebration of World  
Water Monitoring Day  
'07 took place on Oct. 18  
at Liberty State Park  
(located in Jersey City)



Welcoming remarks were provided by event co-sponsors NJDEP (Commissioner Jackson & Leslie McGeorge), EPA Region 2 (Administrator Steinberg), USGS (Rick Kropp) and Jersey City (Mayor Healy) to students from Montclair Kimberly Academy & N. Arlington H.S.





Students work with Liberty State Park Interpretive staff and the Meadowlands Environmental Research Institute to learn about the Hudson Estuary, and the NY/NJ Harbor in particular.





NJ Americorps members and EPA Region 2 staff help students take and record water chemistry measurements from NY Harbor which were entered on the international World Water Monitoring Day website.





Students work with NJ Americorps staff, using an interactive model, to learn how everyday actions can affect both water as well as the environment in general.





Students learn about various NJ coastal & estuarine monitoring programs & common marine creatures found in this area from NJDEP marine water monitoring staff







EPA Region 2 and NJDEP staff demonstrate estuarine & ocean sampling techniques aboard EPA's boat the "Clean Waters".







Students were also able to take a dredge sample of the NY Harbor from the stern of the boat.





NJDEP freshwater monitoring staff help participants identify common fish species found in streams in the area

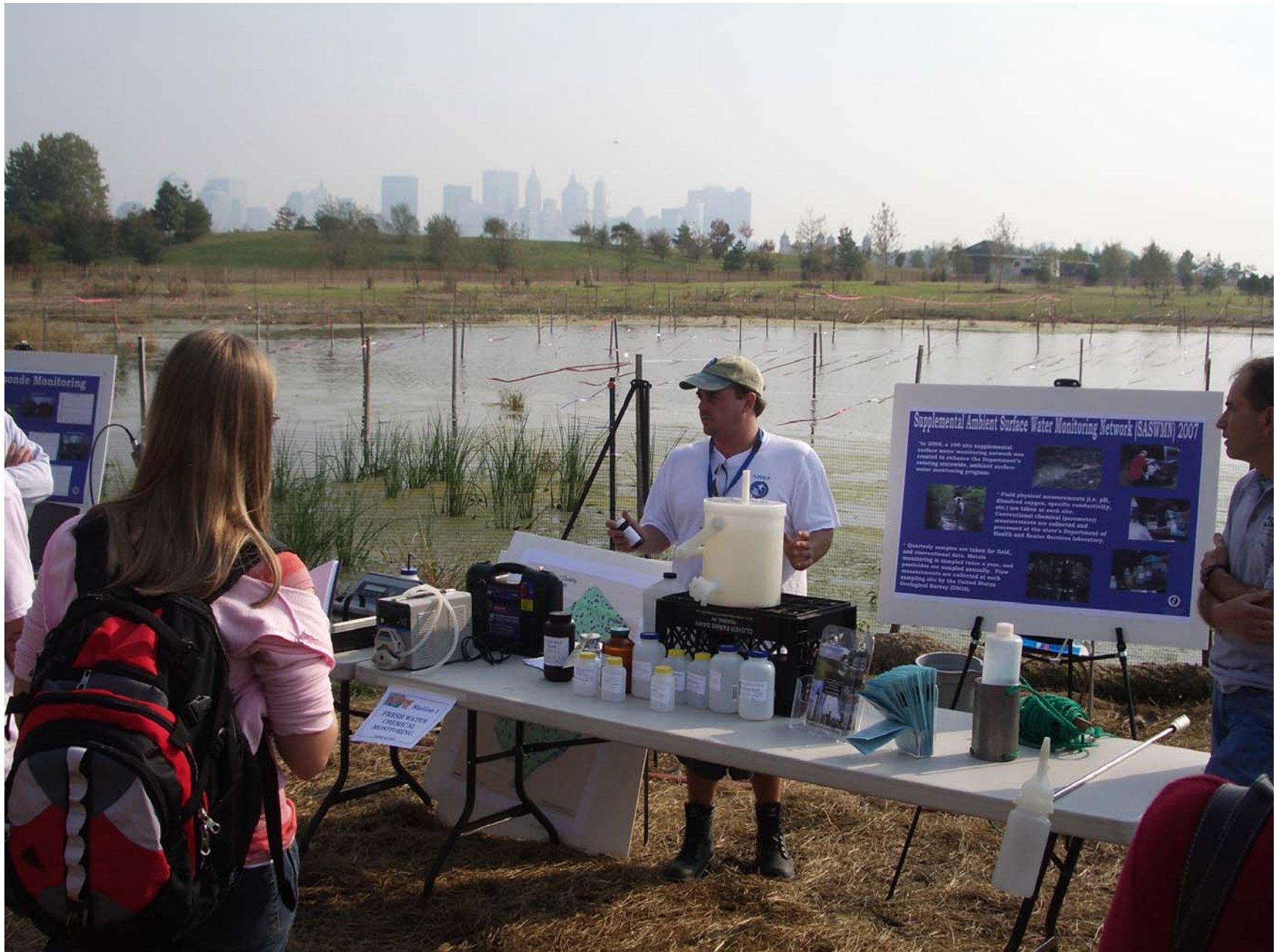






NJDEP freshwater monitoring staff demonstrate aquatic sampling techniques as well as help students examine and try to identify samples of aquatic insects found in nearby streams to evaluate stream health.





Students learn about the use of various equipment for collecting stream water chemistry measurements from NJDEP and USGS staff





USGS staff demonstrate how the flow of water in a stream is measured and why this information is important in determining water quality





Students work with NJDEP NJ Geological Survey staff to learn about the geology in the area as well as sample ground water from a well

