

Monitoring Database Site Selection

- Tasked with gathering water quality data within the Chesapeake Bay area that was not part of the Water Quality Portal.
- Contacted different state agencies, conservancy groups, and river keepers.
- Emphasis on small watersheds with high agricultural impact, low urban development, and a history of sampling with archived data.
- Processed sampling data by years sampled, number of samples collected, and type of water quality data collected.
- More than 97% of water quality monitoring occurring within the Chesapeake Bay was already uploaded to the Water Quality Portal.

Monitoring Database Site Selection

- Analyzed water quality data from the Chesapeake Bay watershed to find monitoring sites that could become part of the NTN.
- Used the Water Quality Portal to build a list of monitoring sites that could be added if the network is expanded.
 - NWIS
 - STEWARDS-ARS
 - STORET
- Filtered data by watershed size (<250 sq. km.), >50 % Ag land, <5% Urban land, proximity to current NTN sites, drainage area, number of years sampled (>5 years), BMP implementation near site, number of samples collected, and by the type of water quality data collected.