

Healthy Waters and Watersheds Round Robin

Each Jurisdictional lead provided a 5-min highlight of accomplishments and developments within their programs.

New York

Upper Susquehanna Coalition

The USC provides on the ground implementation and technical support in the areas of agriculture, stream corridor rehabilitation, and wetland restoration.

- 2021 Environmental Excellence Award
- NFWF Grant Funding
- Arbor Day Foundation Landscape Reforestation
- Cover Crop Implementation Program

Department of Environmental Conservation Grant Programs

- Water Quality Improvement Program
- Nonpoint Source Planning Grant



Department Agriculture and Markets Grant Programs

- Climate Resilient Farming Program
- Agricultural Nonpoint Source Abatement Program



DEC Chesapeake Bay Watershed Program

- Implementation of Phase III WIP
- Milestones
- Accounting for Climate Change
- [Chesapeake Bay Riparian Buffer Action Strategy for New York](#)

Washington DC

- Chesapeake Bay Program Plastic Pollution Action Team – In Sept 2021, the PSC approved the PPAT to continue its work for another two years. They requested that the PPAT (currently chaired by Matt Robinson, DOEE Watershed Protection Division) work to make a strategic investment in science and begin discussions around source reduction of plastic pollution to the bay. The PPAT is currently working on the second iteration of an ecological risk assessment

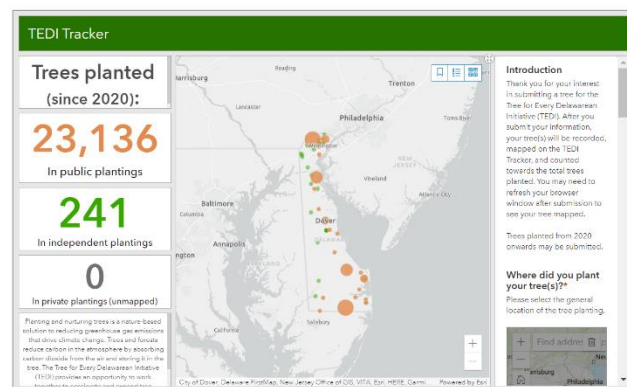
looking at the impacts of plastic pollution on striped bass in the Potomac River and creating a monitoring program for plastic pollution in the bay and watershed. For more information on the PPAT's work, including copies of the 2021 monitoring and science strategy and the first ecological risk assessment: [Plastic Pollution Action Team | Chesapeake Bay Program](#)

- The Anacostia River Corridor Restoration Plan – DOEE is working with Bio habitats, Inc of Baltimore, MD on the development of a comprehensive restoration plan for the Anacostia River corridor. The plan will focus on four main goal areas: enhancing resiliency, restoring habitat, improving water quality, and enhancing public access and recreation. The plan will include a robust public engagement component in order to gain as much input as possible from the stakeholders. The project period will run from May 2021 to May 2023. More info will soon be posted to the restoration plan webpage at: [Anacostia Corridor Restoration Plan — Anacostia River Sediment Project \(restoretheanacostiariver.com\)](#)
- DC Buried Streams Project – DOEE recently completed a project mapping out the location of piped and buried streams throughout the city. The work was completed through a grant to Straughan Environmental. A story map explaining the project can be found at: [Uncovering the History of the District's Buried Streams \(arcgis.com\)](#)

Delaware

- In November of 2021 Delaware released their Climate Action Plan which focuses on energy, as well as agricultural improvements. More information can be found here: <https://dnrec.alpha.delaware.gov/climate-plan/>

- The Governor of Delaware, the Secretaries of Agriculture, and The Department of Natural Resources initiated a public outreach campaign called Trees For Every Delawarean. There is a dashboard that is keeping track of trees planted in the state: <https://dnrec.alpha.delaware.gov/tedi/>. Folks in Delaware can register their trees and get them counted on the TEDI dashboard. This initiative is a part of the Climate Action Plan efforts.



- The Department of Agriculture actually received additional significant additional funding from our state budget To plant additional cover crops. The funds were utilized through existing programs to help implement the cover crops. The program has been very successful, and should continue for some time.
- The Sediment and Stormwater Program has developed online training. They previously held an annual training for their construction programs, but are in the process of making training completely online. More information can be found here: <https://dnrec.alpha.delaware.gov/watershed-stewardship/sediment-stormwater/>

- Delaware has increased their acreage enrolled in their livable lawns program by 10% as of December 2021. This is a public engagement program that encourages residents to use healthy practices on their lawns. There has also been an increase in the number of landscapers who have gotten certified for proper nutrient application of nutrients. You can find out more here: <https://www.delawarelivablelawns.org/>
- Delaware has worked with USGS to collect high resolution temporal and spatial ground water quality data. This data is being used to help monitor trends and assess the effectiveness of the BMPs on local scale, groundwater, and drinking water quality.

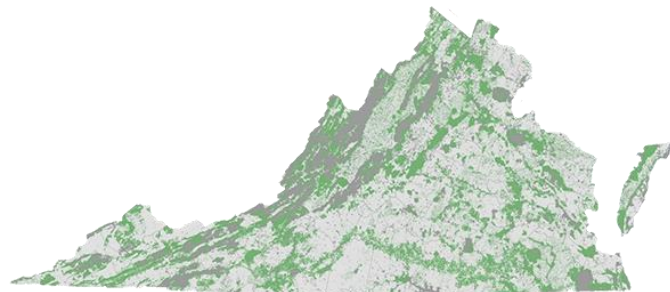
Maryland

- MDE has a new employee who is helping with the GIS work. This has led to data being processed and updated on the GIS information on MDE website.
- MDE is updating the antidegradation regulations in order to add clarity.
- MDE is updating the list so that it is in regulation with the new tier ii stream segments. They also published a report that informs people of the changes to the list. Some things may have been removed or added.
- Maryland healthy watershed assessment grant work that is ongoing.
- MDE is implementing a review process of general premise for construction on water discharges. So, if you're applying for a notice of intent for coverage under the federal construction permit in the state of Maryland, your project is now going to be screened for whether or not the project is located in the high quality watershed. If it is, you might have to undergo additional reviews.

Virginia

- VA is currently in an adjustment period due to a new administration taking over. There is some uncertainty on how the new administration will help make progress towards VA healthy waters goals

- New funding has helped enhance the Conserve Virginia Tool with new inputs that uses their healthy waters data for identifying where there are healthy waters conservation opportunity areas. VA looked at how to maximize benefits from land conservation efforts to maintain aquatic integrity. Using the tool, you can also see where areas without additional best practices scored lower which signaled that those areas could use more BMPs. You can view the tool here: <https://www.dcr.virginia.gov/conservevirginia/>



- There has been a redefinition of stream conservation units, the delineation has been changed to the catchment base using the NHD plus designation. This is assuming that the CHWA 2.0 continues down the same delineation.

Pennsylvania

- PA is working on working on treating legacy sediments. There are plans for the Barry Farm, located in Newmanstown, to remove targeted legacy sediments in 20 acres of the floodplain along 8,443 linear feet of the stream, restore 17 acres of buffered wetlands (nearly 14% of Lebanon County's CAP goal), reduce destructive flows that have destroyed downstream bridges in the past, reduce sediment by 115 tons/year, fence the cattle out of the stream and then place the entire stream and wetland corridor on the farm into an easement that will be returned to a natural riparian and wetland condition fed by stable limestone springs to further enhance water quality and climate change resilient aquatic habitat for all stages of the native brook trout life cycle year round as well as provide a wildlife corridor connecting to the downstream state game lands. This Hammer Creek project site is the highest priority site in the watershed, easily visible to the public from the road and will provide an anchor of stability here as well as a springboard for future restoration projects in the watershed.
- PA has also had a big success with an AMD watershed. TMDLs for Sinnemahoning Creek (Bennett Branch) and tributaries have been developed to address AMD impairments for metals and acidity. The TMDL has been successfully implemented and now 33 stream miles are being delisted from the Integrated Report making this the largest AMD restoration project in history. A future storymap and video is planned to highlight this success story on Pennsylvania's 2022 Integrated Report.