



Environmental Impact

MPA's environmental initiatives and programs support Baltimore City's ecosystems, neighborhoods, and residents.



Upgrades to **improve building efficiencies** at MPA's headquarters at the World Trade Center in the Inner Harbor include:

- Converting lights to LED
- 50% energy reduction in the elevator system
- Updated the air handling units to increase efficiency, remediate corrosion and replace outdated components



South Locust Point Marine Terminal Heat Pump upgrades will **reduce emissions and improve energy efficiency.**



Created a new artificial reef at Hackett's Point by repurposing **5,400 cubic yards of concrete** from Fairfield Marine Terminal and **saving 675 dump truck trips.**



14.5 acres at Hawkins Point has been reforested with over **3,000 trees** and is now a natural forested buffer habitat that has been home to nesting eagles who have raised 5 eaglets in the last 3 years.

DREDGED MATERIAL DOING GOOD

- Helped transform the Ridgely's Cove park property into a **multi-use recreation area.**
- Installed 30 upland and shoreline berms made of geotubes filled with dredged material at the BGE Spring Gardens facility to **drive resilience.**
- Supplied 500 cubic yards of material to support the **re-greening of the Race Street wetlands.**

COMMUNITY IMPACTS

MPA supports ongoing community outreach initiatives by creating programs targeted for youth and families. MPA supports ongoing funding and organization of programs, including bird banding, Latino Conservation Day, and Youth Birding Week. Over half of the youth participating in Youth Birding Week are from Baltimore City.

SPOTLIGHT ON MASONVILLE COVE, THE FIRST URBAN WILDLIFE REFUGE PARTNERSHIP IN THE COUNTRY

Operated in partnership with Living Classrooms Foundation, National Aquarium, and US Fish and Wildlife Service, Masonville Cove has been serving classrooms and communities since 2013. Today, Masonville Cove's environmental education campus is a City treasure.

\$10M

Residents value the economic benefit of Masonville Cove at \$10 Million

280

bird species observed

Volunteers have removed **over 1,000 lbs.** of debris each year

Captain Trashwheel captures an average of **5.5 tons** of refuse per year

Home to Baltimore City's **first known pair of nesting and breeding Bald Eagles**

3,920 trees and shrubs planted

13 eaglets born and fledged

• Engaged **6,320 students and community members** in a single year and **54,000** since the partnership launched in 2013.

- **66%** are Title One schools
- **33%** are Maryland Certified Green Schools
- **228** events in a single year
- Raised over **\$5 million** for environmental education programs
- Interns from HBCUs explore careers in conservation in the **WildSTEM Links Summer Internship** program

Home of the **Masonville Cove Environmental Education Center**



The MPA's Office of Navigation, Innovation, and Stewardship plays a crucial role in ensuring safe navigation for vessels by managing the sediment dredged from the Port's channels to maintain their depth and width. Dredged material is placed in containment facilities, is used to rebuild eroded land, and the Port is now exploring innovative new ways to commercialize this material.