

Masonville

Dredged Material Containment Facility (DMCF)



LOCATION

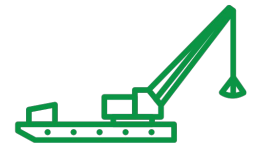
Middle Branch
of the Patapsco
River in
Baltimore City

101 ACRES



Located along the Middle Branch of the Patapsco River near the Hanover Street Bridge, Masonville DMCF is named for an extinct railroad town. After purchasing the site, the Maryland Port Administration (MPA) removed more than 61,000 tons of trash and debris and launched an extensive environmental restoration effort before constructing the DMCF. Construction of the DMCF began at Masonville in 2007. All on-site and off-site mitigation from the impacts of constructing the DMCF have been completed. Masonville Cove is now an urban haven for wildlife and a thriving community center that has welcomed more than 45,000 visitors and students.

Capacity: 10.4 million cubic yards (mcy)
DMCF Vertical Expansion Underway



First Inflow of Harbor material

VERTICAL EXPANSION

After Hart-Miller Island stopped receiving dredged material in 2009, the Masonville DMCF became critical for supporting Harbor dredging operations serving the Port of Baltimore.

The Masonville DMCF is currently undergoing expansion to increase capacity with incremental dike raising. Dike raising to +18 was completed in 2021. Base dike widening to prepare for additional elevation began in 2022 and was completed in 2023. Construction of the next phase of dike raising to +30 ft. is set to begin in Fall 2023. The eventual goal is to raise the dike to +42 by 2029. This will result in the site providing a total of 10.4 mcy of capacity. When the Masonville DMCF reaches full capacity, the newly created land will be converted into terminal space for Port cargo operations.

Masonville Citizen
Advisory Committee
was created in 2008
to provide advice,
oversight, and
support to MPA on
the Masonville DMCF



Home to over 300 species of birds and animals and provides an abundance of programs that allow people to interact with wildlife, inspiring the next generation of environmental stewards

Masonville Cove



ACCESS

Open to the public, this popular birding and fishing spot is home to the nation's first Urban Wildlife Refuge Partnership.

In a city filled with pavement and skyscrapers, Masonville Cove serves as a green oasis for wildlife and people in Baltimore.



MASONVILLE COVE CAMPUS

MPA worked with Maryland Environmental Trust and Baltimore Green Space to secure a conservation easement on the entirety of the waterfront property covering over 50 acres of restored wetlands, uplands, and nature trails. The Masonville Cove Campus is a refuge and gateway, reconnecting communities to the water by providing public access to the shoreline, piers, trails, and free environmental programming.

In 2018, Captain Trash Wheel arrived at Masonville Cove. Baltimore's third trash wheel was commissioned by MPA to help keep litter out of the Patapsco River.



"I will be a lifetime advocate of Masonville Cove"

— Shayla Harris, Computer Science Major, Coppin State University



Visit [MasonvilleCove.org](https://www.MasonvilleCove.org) for more information.



www.Maryland-DMMP.com

