

Masonville

Dredged Material Containment Facility (DMCF)



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 MPA removed more than 61,000 tons of trash and debris and launched an extensive environmental restoration effort. The site is now an urban haven for wildlife and a thriving community center that has welcomed more than 39,000 visitors and students. Construction of the dredged material containment facility began at Masonville in 2007, and the site began receiving dredged material in 2010.

EXPANSION

After Hart-Miller Island stopped receiving dredged material in 2009, Masonville became critical for supporting Harbor dredging operations serving the Port of Baltimore. The only other site available to contain dredged material from the Harbor is the Cox Creek DMCF in Anne Arundel County.

In 2020, elevation of the dikes along the perimeter of the facility was raised to 18 feet above mean low lower water (MLLW) (originally 10 MLLW). Over time, the dikes will be raised to 42 feet MLLW, providing a total capacity of approximately 11 million cubic yards of dredged material. The closure plan for the Masonville placement site, when it reaches full capacity, includes converting the newly created land into terminal space for Port cargo operations.



193 ACRES

Capacity: 10.9 mcy
DMCF Vertical Expansion Underway



First Inflow of
Baltimore
Harbor Material

Masonville Citizen
Advisory Committee was
created in January 2008
to provide advice,
oversight and support to
MPA from the Brooklyn,
Curtis Bay and Cherry
Hill communities



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

Masonville



Chesapeake Bay Program

Masonville Cove Environmental Education Center

With 70 acres of water and 54 acres of restored wetlands and nature trails, Masonville Cove Environmental Education Center opened in 2009. Living Classrooms Foundation provides environmental education experiences for area students.

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



Bill McAllen/MDOT MPA

ACCESS

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

Over 300 bird and other species have been documented (including Baltimore City's only pair of nesting bald eagles).

Today, Masonville serves an important role in education, community engagement, and outdoor recreation. Visit www.masonvillecove.org for hours of operation.



Craig Koppie/USFWS
Eaglets at Masonville Cove

"I [liked] learning about the animals and trees that are found at Masonville Cove."

-Eleanor, Girl Scout, Age 7