

# 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 MDOT MPA removed more than 61,000 tons of trash and debris and launched an extensive environmental restoration effort before constructing the DMCF. The site is now an urban haven for wildlife and a thriving community center that has welcomed more than 40,000 visitors and students. Construction of the DMCF 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, the Masonville DMCF became critical for supporting Harbor dredging operations serving the Port of Baltimore. The Cox Creek DMCF in Anne Arundel County remains the only other Harbor site available to contain dredged material.

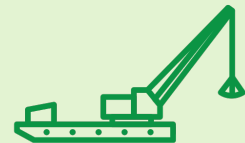
In 2020, elevation of the dikes along the perimeter of the facility was raised to 18 feet above mean lower low water (MLLW) (originally 10 MLLW). Over time, the dikes will be raised to 42 feet MLLW, providing a total capacity of approximately 11 million cubic yards for the placement of dredged material. When the Masonville DMCF reaches full capacity, the newly created land will be converted 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

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Chesapeake Bay Program

## Masonville Cove Environmental Education Center

With 70 acres of water and 54 acres of restored wetlands, forested uplands, 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 one of Baltimore City's three known pairs of nesting bald eagles).

Today, Masonville serves an important role in education, community engagement, and outdoor recreation. Visit [www.masonvillecove.org](http://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*