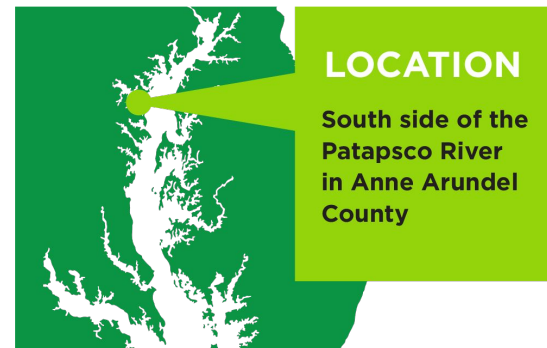


# Cox Creek

Dredged Material Containment Facility (DMCF)



DREDGED  
MATERIAL  
MANAGEMENT  
PROGRAM



## LOCATION

South side of the  
Patapsco River  
in Anne Arundel  
County

**241 acres**

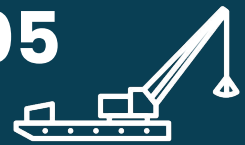
**14.7** million cubic yards  
(mcy) of capacity

The Cox Creek DMCF is an active placement site for sediment that has been dredged from shipping channels in Baltimore Harbor. Constructed by the US Army Corps of Engineers in the 1960s, the site was used as a dredged material placement site by private industry until 1984. In 1997, the Maryland Port Administration (MPA) purchased the site, which included industrial acreage, the Swan Creek Conservation Area, and the placement site, and in 2005 the DMCF began receiving dredged material under MPA's oversight.

## COX CREEK SEDIMENT TECHNOLOGY AND REUSE (STAR) FACILITY

The Cox Creek STAR Facility, directly adjacent to the DMCF, is being developed on land that was purchased by MPA in 2022 to become a hub for Innovative Reuse and Beneficial Use (IR and BU) of dredged material. A road map is in place to remediate the site over the next ten years, with phased implementation of IR and BU activities as sections are remediated. MPA has issued a Request for Information to address large-scale IR of dredged material, informing site development and preliminarily identifying potential IR processes that could take place on site. Early progress includes the construction of a haul road connecting the property to the Cox Creek DMCF to enable easy and efficient access between the sites, and the initiation of permitting to create a 7-acre geotube field where dredged material will be dried and prepared for IR and BU applications.

**2005**



First Inflow of dredged material  
came from Annapolis Harbor

Cox Creek Citizens  
Oversight Committee  
(CC COC) provides  
input, feedback, and  
support



DMCF expansion has  
been completed,  
vertically raising the  
dikes to +60 feet and  
laterally building  
onto the MPA-owned  
upland property to  
increase capacity



# Cox Creek DMCF



## ACCESS

The site offers opportunities for birding through pre-scheduled guided tours and the annual Open House hosted each October. To learn more, visit: [maryland-dmmp.com/community/birding](https://maryland-dmmp.com/community/birding)



## SWAN CREEK NATURE TRAIL

The Cox Creek Citizens Oversight Committee (CC COC) continues to provide input to MPA regarding facility operations and recommendations on minimizing the potential impacts it may have on the communities and natural resources in the area.

Developed in coordination with CC COC and community stakeholders, the Trail is a community enhancement project to create an approximate 2-mile loop in the Swan Creek Forest Conservation Easement Area. The design includes boardwalks, a bridge, outdoor classrooms, and informational and directional signage. The design is complete, and construction is anticipated to begin in 2026 with a goal to open the trail to the public by 2027.

Cox Creek DMCF is a top birding destination in the state of Maryland for new and veteran birders, a hotspot for migrating birds, and a nesting site for spring resident bird populations. Official censuses, birding tours, and onsite staff have recorded 205 species, with 53 species likely to be breeding on site.



*"Cox Creek is a unique birding hotspot because it offers many types of habitat, and each habitat attracts its own variety of birds."*

— Stan Arnold, local birder



DREDGED MATERIAL MANAGEMENT PROGRAM

[www.Maryland-DMMP.com](https://www.Maryland-DMMP.com)

