

# 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

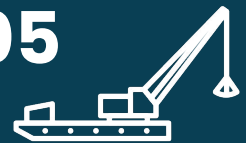
**STATUS:** DMCF Expansion Underway

The Cox Creek DMCF is a placement site for sediment that has been cleared from shipping channels. 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. Cox Creek DMCF began receiving dredged material in 2005.

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

The Cox Creek STAR Facility, directly adjacent to the DMCF, was formerly used for heavy industrial activities and requires remediation due to the previous uses. MPA purchased the property in 2022 with a settlement that included an administrative consent order with the Maryland Department of the Environment and the previous site owner, providing a road map for remediating the site over ten years. MPA is issuing a Request for Information to address large-scale innovative reuse (IR) of dredged material, informing site development and preliminarily identifying potential IR processes that could take place on site. Pilot studies could begin as early as next year. Short-term plans include constructing a haul road connecting the property to the Cox Creek DMCF to enable easy and efficient access between the sites.

## 2005



First Inflow of dredged material  
came from Annapolis Harbor

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



Cox Creek DMCF  
expansion  
underway by  
vertically raising the  
dikes and laterally  
building onto the  
MPA-owned upland  
property



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

Updated 11/2024

# Cox Creek DMCF



## ACCESS

Due to construction associated with expansion of the site, birding activities are limited to pre-scheduled guided tours only.

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 Cox Creek COC and community stakeholders, the Trail is a community enhancement project to create an approximate 2-mile loop in the Cox Creek Forest Conservation Easement Area. The design includes boardwalks, a bridge, outdoor classrooms, and informational and directional signage. The design is complete, and a groundbreaking was held on October 19, 2024 at the Cox Creek Open House. Construction is anticipated to begin in 2025 with a goal to open the trail to the public in late 2025.



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 188 species, with 37 species confirmed as 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



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