



Howard County

Internal Memorandum

Date: September 3, 2021

To: Lonnie Robbins
Chief Administrative Officer

From: Joshua Feldmark
Director, Office of Community Sustainability

Cc: Jennifer Sager

Subject: TAO for Plumtree Branch Stream Restoration at Dunloggin Middle School

The Office of Community Sustainability (OCS) is requesting the transfer of a grant allocation to the Department of Public Works' budget in the amount of \$1,646,159. This grant is included in OCS's FY22 operating budget. After FY22 budget adoption, it was determined to be a DPW Capital project due to the nature of the work.

The \$1,646,159 Chesapeake and Atlantic Coastal Bays Trust Fund grant will be used to perform a stream restoration and ecological enhancement along a portion of the Plumtree Branch stream near Dunloggin Middle School. The project was designed in collaboration with Dunloggin Middle School after their students expressed concern for erosion at their outdoor classroom site. This section of Plumtree Branch is currently incised and in a state of degradation. The proposed project will restore approximately 3,548 linear feet of Plumtree Branch and its unnamed tributary located on 13.22 acres of Howard County Department of Recreation and Parks property. The restoration will reconnect the historical floodplain, creating a stream-wetland complex that will allow maximum ecological function and will promote ecological diversity. The new stream-wetland complex will provide floodplain protection by slowing the flow of water, allowing groundwater recharge and nutrient and sediment retention. This project will reduce sediment and nutrient runoff at a local level and eventually to the Chesapeake Bay, while providing an improved ecological habitat that may be used as a resource for the middle school staff and students, as well as the public.