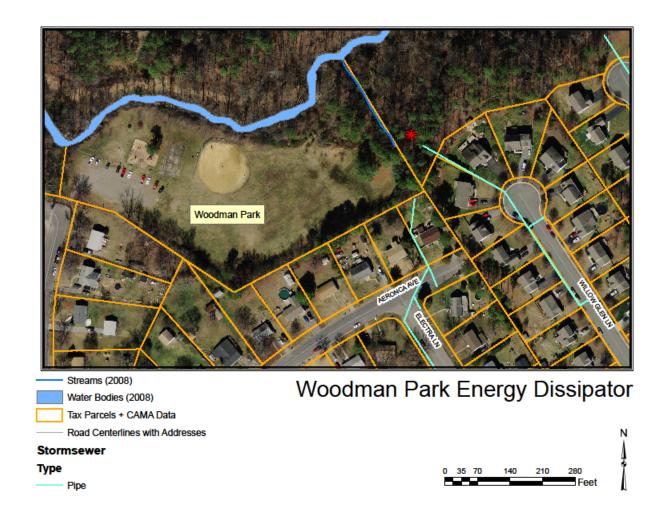
Henrico County's Municipal Separate Stormwater Sewer System (MS4) Permit requires that eight stormwater retrofit projects be completed no later than March 31, 2020. The following list summarizes and provides the current status of 11 projects that the County identified to satisfy the Permit requirement.

Project	Туре	Update
Woodman Park Energy Dissipator	Sheetflow to Conserved Open Space  (VA Stormwater BMP Clearinghouse, Design Spec. No. 2)	Completed 9/23/16
Hungary Creek Stream Restoration	Stream Restoration (Chesapeake Bay Expert Panel Protocols)	Completed 5/13/16
Belmont Golf Course Streambank Restoration, Phase 1	Streambank Restoration (Chesapeake Bay Expert Panel Protocols)	Completed 3/5/17
Belmont Golf Course Streambank Restoration, Phase 2	Streambank Restoration (Chesapeake Bay Expert Panel Protocols)	Completed 3/3/18
Belmont Golf Course Regenerative Stormwater	Regerative Stormwater Conveyance  (Chesapeake Bay Expert Panel Protocols)	Completed 3/3/18
Conveyance, Phase 3  Dunncroft Park  Stream Restoration,  Phase 1	Stream Restoration  (Chesapeake Bay Expert Panel Protocols)	Completed 8/4/17
Dunncroft Park Stream Restoration, Phase 2	Stream Restoration  (Chesapeake Bay Expert Panel Protocols)	Completed 8/4/17
Dunncroft Park Stream Restoration, Phase 3	Stream Restoration (Chesapeake Bay Expert Panel Protocols)	Completed 8/4/17
Dunncroft Park Stream Restoration, Phase 4	Stream Restoration (Chesapeake Bay Expert Panel Protocols)	Completed 8/4/17
Energy Dissipator 1 Outfall EN 147	Sheetflow to Conserved Open Space  (VA Stormwater BMP Clearinghouse, Design Spec. No. 2)	Will not construct
Regenerative Stormwater Conveyance 1 Outfall EN 220	Regenerative Stormwater Conveyance (Chesapeake Bay Expert Panel Protocols)	Will not construct

## 1. Woodman Park Energy Dissipator Project

The Woodman Park Energy Dissipator Project involves two stormsewer outfalls that currently have no water quality treatment. The project will convert the concentrated flow from these two outfall pipes to sheet flow through a wooded buffer.



## 2. Hungary Creek Stream Restoration Project

Hungary Creek Stream Restoration Project will restore approximately 1750 feet of Hungary Creek. This project will utilize natural stream design to: 1) recreate a more natural and stable cross section and profile of this stream, 2) stabilize the severely eroding stream banks and stream bottom, and 3) reconnect the stream with its floodplain.



Hungary Creek Stream Restoration



## 3. Belmont Golf Course Streambank Restoration, Phase 1

The Belmont Golf Course Streambank Stabilization, Phase 1 Project will restore a portion of Upham Brook. This project will utilize natural stream design to stabilize approximately 895 feet of severely eroding streambank.

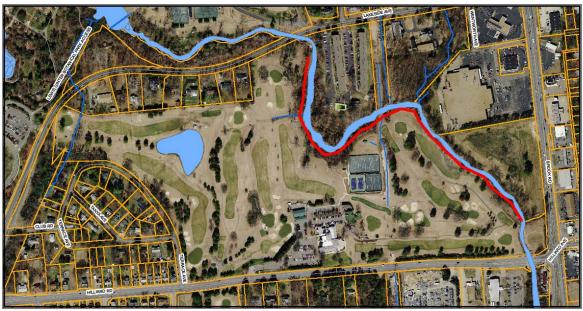


Belmont Golf Course Phase 1 Upham Brook Streambank Restoration,



## 4. Belmont Golf Course Streambank Restoration, Phase 2

The Belmont Golf Course Streambank Stabilization, Phase 2 Project will restore a portion of North Run. This project will utilize natural stream design to stabilize approximately 1050 feet of severely eroding streambank.



Belmont Golf Course Phase 2 North Run Streambank Restoration





# 5. Belmont Golf Course Regenerative Stormwater Conveyance, Phase 3

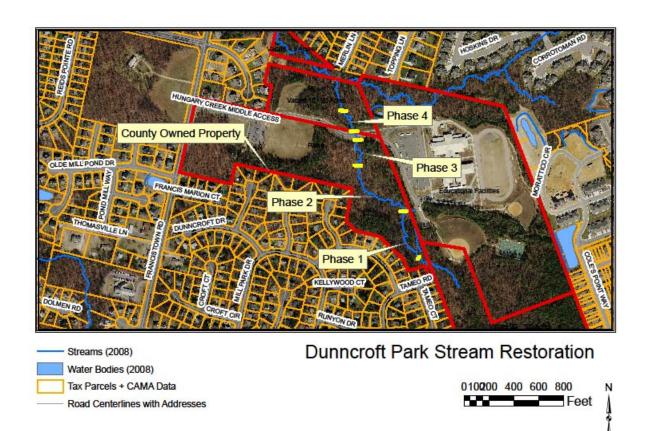
The Belmont Golf Course Regenerative Stormwater Conveyance, Phase 3 Project will treat 38.8 acres by installing a Regenerative Stormwater Conveyance.



Belmont Golf Course Phase 3
Regenerative Stormwater Conveyance,

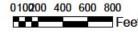


Dunncroft Park Stream Restoration, Phase 1 Project will restore approximately 480 feet of an unnamed tributary to Meredith Branch. This project will utilize natural stream design to: 1) recreate a more natural and stable cross section and profile of this stream, 2) stabilize the severely eroding stream banks and stream bottom, and 3) reconnect the stream with its floodplain.

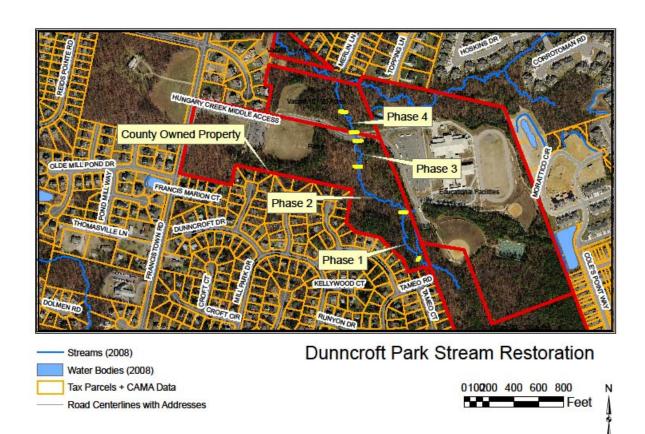


Dunncroft Park Stream Restoration, Phase 2 Project will restore approximately 730 feet of an unnamed tributary to Meredith Branch located. This project will utilize natural stream design to: 1) recreate a more natural and stable cross section and profile of this stream, 2) stabilize the severely eroding stream banks and stream bottom, and 3) reconnect the stream with its floodplain.

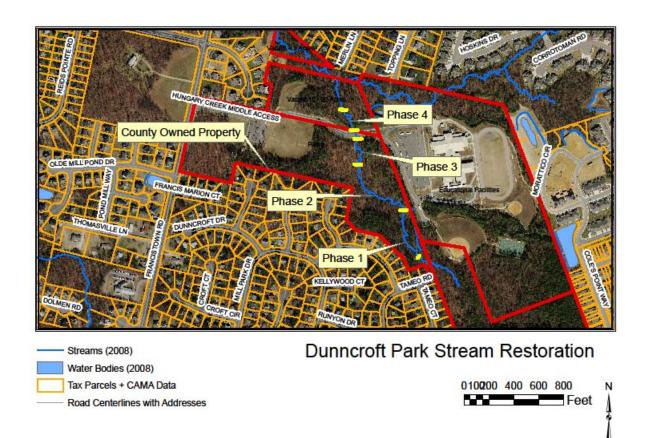




Dunncroft Park Stream Restoration, Phase 3 Project will restore approximately 220 feet of an unnamed tributary to Meredith Branch located. This project will utilize natural stream design to: 1) recreate a more natural and stable cross section and profile of this stream, 2) stabilize the severely eroding stream banks and stream bottom, and 3) reconnect the stream with its floodplain.

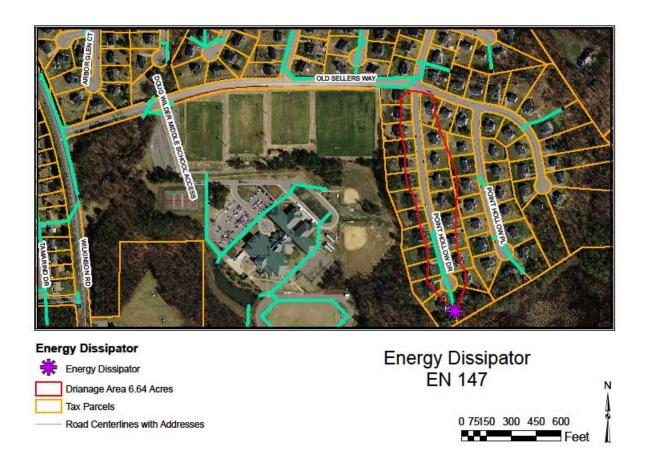


Dunncroft Park Stream Restoration, Phase 4 Project will restore approximately 230 feet of an unnamed tributary to Meredith Branch. This project will utilize natural stream design to: 1) recreate a more natural and stable cross section and profile of this stream, 2) stabilize the severely eroding stream banks and stream bottom, and 3) reconnect the stream with its floodplain.



# 10. Energy Dissipator 1, Outfall EN 147

The Energy Dissipator 1, Outfall EN 147 Project will treat 6.64 acres by converting the concentrated flow from the outfall pipe to sheet flow through a wooded buffer.



# 11. Regenerative Stormwater Conveyance 1, Outfall EN 220

The Regenerative Stormwater Conveyance 1, Outfall EN 220 Project will treat 9.65 acres by installing a Regenerative Stormwater Conveyance.



