

Hollywood Branch Stream Restoration

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Problem:

Portions of Hollywood Branch, a tributary of the Anacostia River, were becoming severely eroded from stormwater during rain events, creating unsafe and unsightly conditions in addition to damaging water quality in the stream.

Solution:

Montgomery County and the Maryland-National Capital Parks and Planning Commission launched a stream restoration effort for Hollywood Branch. The project involved stabilizing the stream channel, repairing damaged storm drain outfalls, and creating micro wetlands to treat runoff and recharge stream flows. The restoration was integrated with an adjacent green infrastructure project, the Cannon Road Green Streets effort.

Maintenance Plan: There is an ongoing summary of conditions for stable or unstable stream analysis.



The stream prior to restoration



The same area of stream, after restoration
Photo credit: Montgomery County DEP

Key Project Facts

Location: Colesville, MD

Type of Project: Stream Restoration

Scale: 4,470 linear feet

Cost: \$1.7 million for construction;
\$449,000 for engineering & design

Funding Sources: Montgomery County
stormwater fees

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What is Polluted Runoff?

The growth of our cities has resulted in too many paved surfaces, which prevent rain water from being absorbed by the ground. Instead, the water runs off streets and buildings, collecting trash and dangerous chemicals on its way. This contaminated water overflows into our streams and rivers, creating public health hazards and toxic waters.

Storm water projects create safe paths for polluted runoff to be captured and filtered before it reaches our waterways. They keep communities healthy and the environment clean.

When communities and their local governments work together to solve big problems like stormwater runoff, that's a story worth telling!