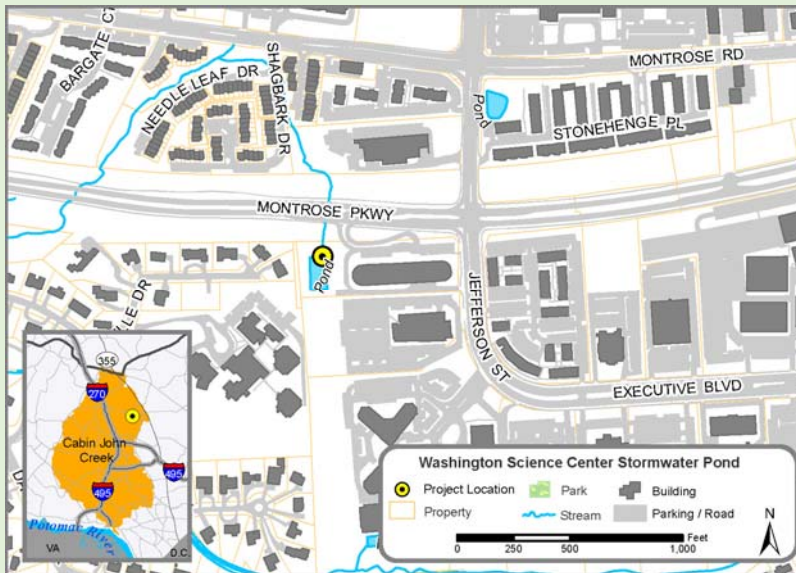


Washington Science Center Stormwater Pond



The Washington Science Center stormwater pond is located south of Montrose Parkway and west of Executive Boulevard. It is within the Cabin John Creek watershed and drains to the Potomac River.

Project Facts*

Project Status	In Design
Total Drainage Area:	29 Ac
Total Percent Impervious:	44%
Total Stream Project Length:	N/A
Estimated County Construction Cost:	\$300,000
Monitoring:	No
Watershed:	Cabin John Creek
Contact:	Christy Ciarametaro
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* Information is subject to change

Project Selection

As a part of the county's effort to protect our waters, the stormwater pond within the Kaiser Permanente office complex was selected for upgrade to help reduce stormwater pollution draining into our streams.

The Montgomery County Municipal Separate Storm Sewer (MS4) permit requires Montgomery County to add new stormwater management and retrofit existing stormwater management facilities around Montgomery County. The project design, permitting, and construction will be performed by Montgomery County Department of Environmental Protection (DEP).



Photo 1 - The existing dry pond within the Kaiser Permanente office complex.

Pre-Restoration Conditions



Photo 2 - Existing dry pond with construction access area shown at southeast corner of pond.

The existing dry pond provides no water quality treatment to stormwater flowing into Cabin John Creek. The pond collects stormwater runoff from 29 acres. 44% of this area is impervious surfaces such as rooftops, driveways, and parking lots.

The existing pond area has a stormwater management easement for Montgomery County to inspect and/or reconstruct the pond. A small additional easement area is needed near the fence access gate to allow space for trucks to enter the pond area.

Restoration Actions



Photo 3 - Example of wet pond with aquatic vegetation buffer between water's edge and adjacent land

- Montgomery County DEP will replace the existing metal pond outfall structure (riser) with a new concrete riser that meets all Maryland Department of Environment (MDE) safety requirements
- Pond will have a permanent 3.5 ft. pool of water to improve water quality draining to Cabin John Creek and the Potomac River
- Improve/Upgrade the inflow and outflow pipes to the pond
- Construction and Maintenance Access will be from the southeast corner of the pond
- Maintenance of the pond will continue to be the responsibility of the property owner, Kaiser.

Contact Us

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Visit the Project Website

<https://www.montgomerycountymd.gov/water/restoration/washington-science-center.html>