



Marsh Creek Watershed Improvement Project

Purpose

The Marsh Creek Watershed Improvement project is a regional, multi-use stormwater management facility designed to improve downstream conditions of the watershed (the area of land where all of the water that is under it or drains off of it goes into the same place – *source: EPA*). The project is part of a larger effort to improve overall watersheds that extend outside the limits of the City Center area.

The project is expected to reduce flooding in the surrounding neighborhoods by reducing storm flow between 50 and 90 percent, depending on the severity of the storm event. It will also improve water quality by treating stormwater runoff to reduce pollutants by 20 percent before it flows into Marsh Creek, the tributary leading into the Chattahoochee River. The contributing watershed to the Marsh Creek location is 74 percent impervious surface.

Design of the facility will incorporate hardscape and softscape features, creating an attractive greenspace. Features will include a permanent wet pond with a fountain, bio retention area, walking trails, extensive landscaping, benches, as well as educational signage to explain the stormwater treatment process.

Water quality monitoring during pre- and post- construction will allow the Georgia Environmental Protection Division (EPD) to measure its effectiveness with the intended goal of replicating the successes in future stormwater treatment programs.

Grant Funding

In October 2012, the City of Sandy Springs Public applied for a 319(h) FY 2013 Nonpoint Source Implementation Grant for the Marsh Creek Headwaters BMP. In April 2013, the City was awarded a grant in the amount of \$387,747.00 by the Georgia Department of Natural Resources Environmental Protection Division. Sandy Springs is required to provide matching funds for the project in the amount of \$437,247.00.

Tentative Construction Schedule

Construction is tentatively scheduled to begin in early 2015, with completion estimated in late 2015.

Approximate Project Cost

\$3,500,000 (acquisition, engineering, and construction)

Project Website: SandySpringsga.gov/marshcreek



Marsh Creek Headwaters BMP — Sandy Springs, Georgia

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