

MARSH CREEK WATERSHED IMPROVEMENT PROJECT PUBLIC INFORMATION MEETING

June 25, 2014



Overview

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- Provide stormwater facility which will:
 - Improve downstream water quality
 - 20% reduction in pollutants
 - Improve flood control
 - Over 50% reduction in storm flow for 100-year event
 - Over 90% reduction in storm flow for frequent storms (up to 10-year event)
 - Improve downstream streambank erosion
 - Meet detention requirements for redevelopment in the area
 - Increase green space

Public Outreach To Date

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- City Center Master Plan Meetings
May-December 2012
- Stormwater Advisory Team
- Council Briefings
- Over 20 Meetings with Neighbors
Beginning February 2013
- Featured in the City of Sandy Springs quarterly newsletter The Springs-Times and the City's E-Newsletter
- Local Media

Community Input to Date

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- Passive Park
- Security
- Impact to stream buffer as it affects the septic fields of neighboring N. Hampton properties
- Flooding
- Screening & Landscaping
- Access

Marsh Creek Watershed Improvement Project

Design Considerations

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319(h) Grant Requirements

- ✓ 20% reduction of pollutants
- ✓ Water quality treatment through bio-retention
- ✓ Water quality volume approximately 111,000 cubic feet
- ✓ Channel Protection volume approximately 317,000 cubic feet
- ✓ Safely pass 100-year storm

Constraints

- ✓ Maximum berm height
- ✓ Grading needs to provide positive drainage from adjacent properties
- ✓ Regulated by the Army Corps of Engineers

Marsh Creek Watershed Improvement Project Concept

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- ❖ Permanent wet pond with fountain
- ❖ Bio-retention
- ❖ Buffering landscape and wall
- ❖ Walking trails
- ❖ Educational features