

It's the water stupid!

What we consumed

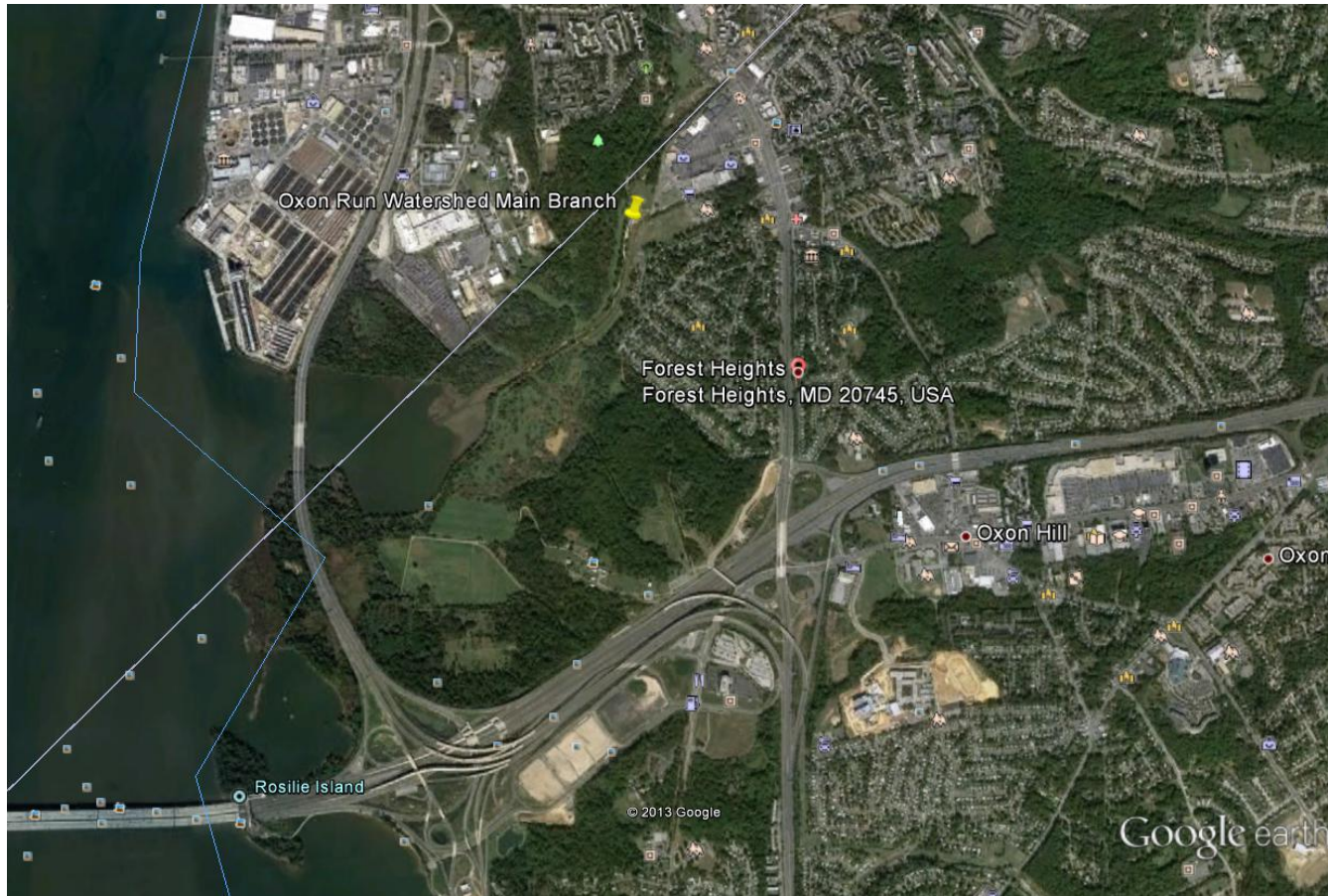
- ***Groundwater***
- Benzene
- Polynuclear aromatic hydrocarbons (PAHs)
- PCBs
- Arsenic
- Manganese
- Chromium
- Cadmium
- Mercury
- Antimony

Motivation

- Most of the earth consists of water, there is much more water than there is land. About 70% of the earth's surface is covered in water, yet less than 1% of the water supply on earth can be used as drinking water.

You can only live 3 minutes without air; 8-10 days without water; 3 weeks without food

Urban Water issues



What is required??????

- Federal Clean Water Act
- COMAR
- NPDES Phase II permit requirements
- Municipal Stormwater management



Public Education & Outreach

Educate our town elected officials

Educate our citizens through workshops

Work with Environment Non-Profits such as

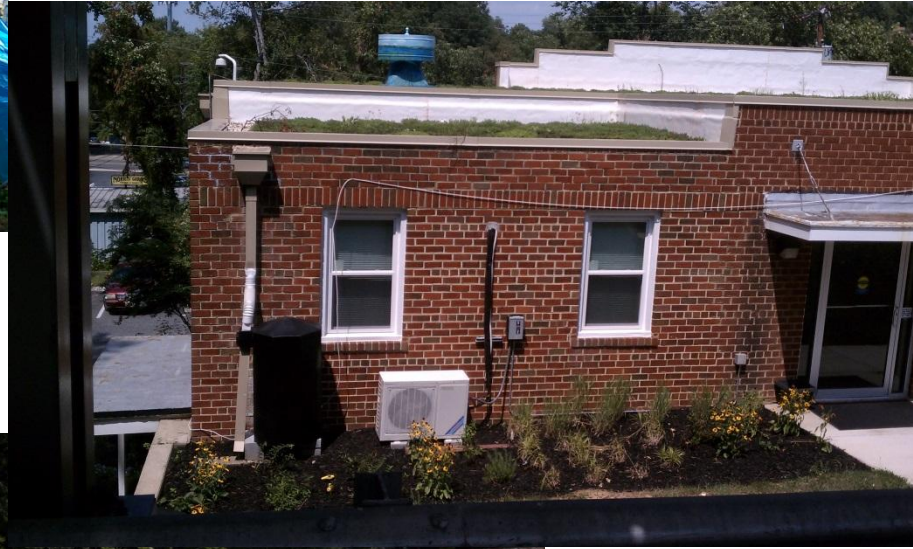
- **Anacostia Watershed Society**
- **Alice Ferguson Foundation**
- **Center for Watershed Protection**
- **Neighborhood Design Center**

**Worked with Universities – University of Maryland
Catholic University and University of Vermont**

Public Participation & Involvement



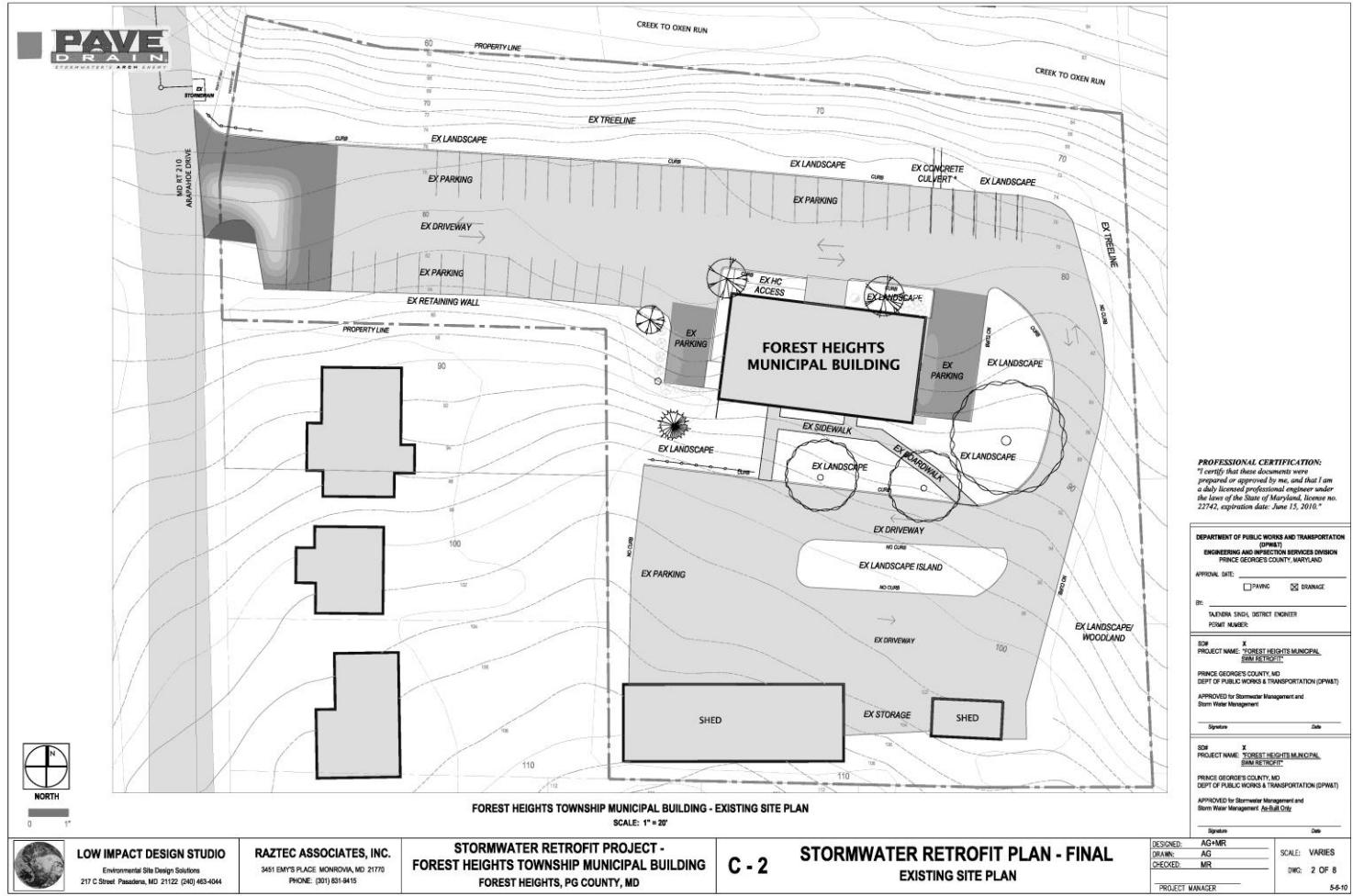
Pollution prevention/good housekeeping



Thinking Outside the Box

- Forest Heights Municipal Grounds are Zero-Runoff and a Demonstration Site utilizing grants from
- MDE/NOAA – Coastal Communities (Concept Plan)
- Bond Bill from State of Maryland (Green Roof)
- NFWF – Phase I Construction
- CBT/EPA – Phase II Construction
- Zero Run Off Master plan for entire Town
- First Complete Street – Rolph Drive
Construction to begin Summer 2013
- Zero Trash Plan as part of Stormwater Maintenance Plan
- Working with individual residents to reduce stormwater maintenance from property

What ever the mind can conceive.....



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**STORMWATER RETROFIT PROJECT -
FOREST HEIGHTS TOWNSHIP MUNICIPAL BUILDING
FOREST HEIGHTS, PG COUNTY, MD**

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**STORMWATER RETROFIT PLAN - FINAL
EXISTING SITE PLAN**