



# *The Mayor's Plan for Restoring and Revitalizing the Anacostia River*



# ***Vision for a Restored Anacostia***



**Wooded Buffers on Watts Branch**



**Restored Kingman Lake**



**Canoeing the 'Kingfisher Trail' on the Tidal Anacostia River**



**Crew Team at Anacostia Waterfront Park**



# Overview



- **Vision – Green DC**
- **Urban Sustainability**
- **Anacostia Restoration**
  - Watershed Restoration
  - Fisheries and Wildlife
  - Regulation and Development



# *Green DC Agenda*

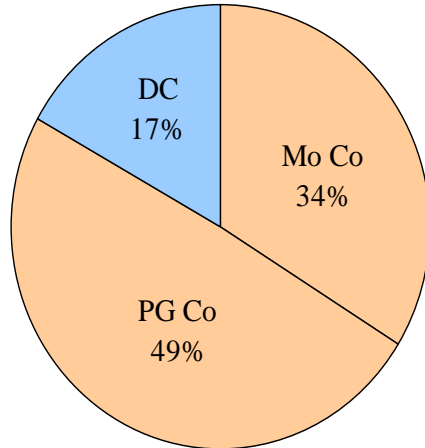


- **Blueprint for a healthier, more sustainable city**
- **Spotlight on Anacostia Restoration**
  - Current Successes and Key Commitments across the District Government
- ***green.dc.gov/agenda* web portal**

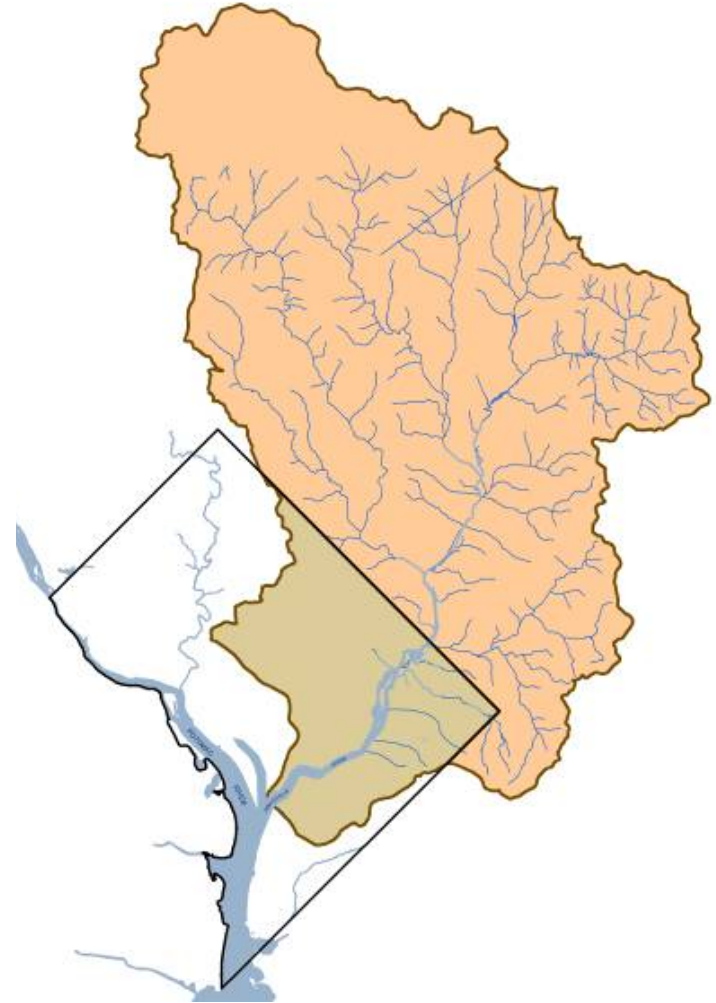
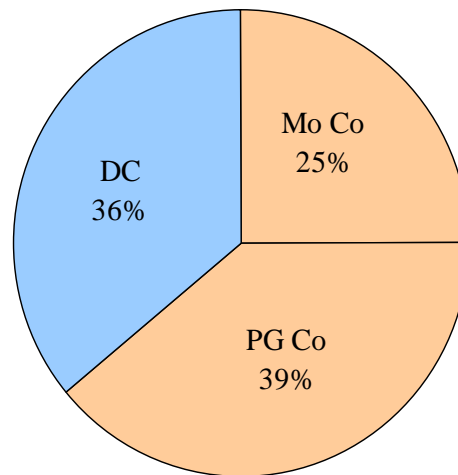


# Anacostia Watershed Overview

**Watershed Size: 176 sq. miles**



**Population: 804,457**



# *Existing Conditions*



- One of the most polluted rivers in the nation
- One of three waterways in the Chesapeake Bay designated “priority urban rivers” by the EPA Chesapeake Bay Program



Severe Erosion, Ft. Dupont Tributary



Blue Heron above Trash Collection Boom



# Pollution in the Anacostia



## Swimming



## Boating and Recreation



## Fish Consumption



## Migratory Aquatic Life



## Navigation

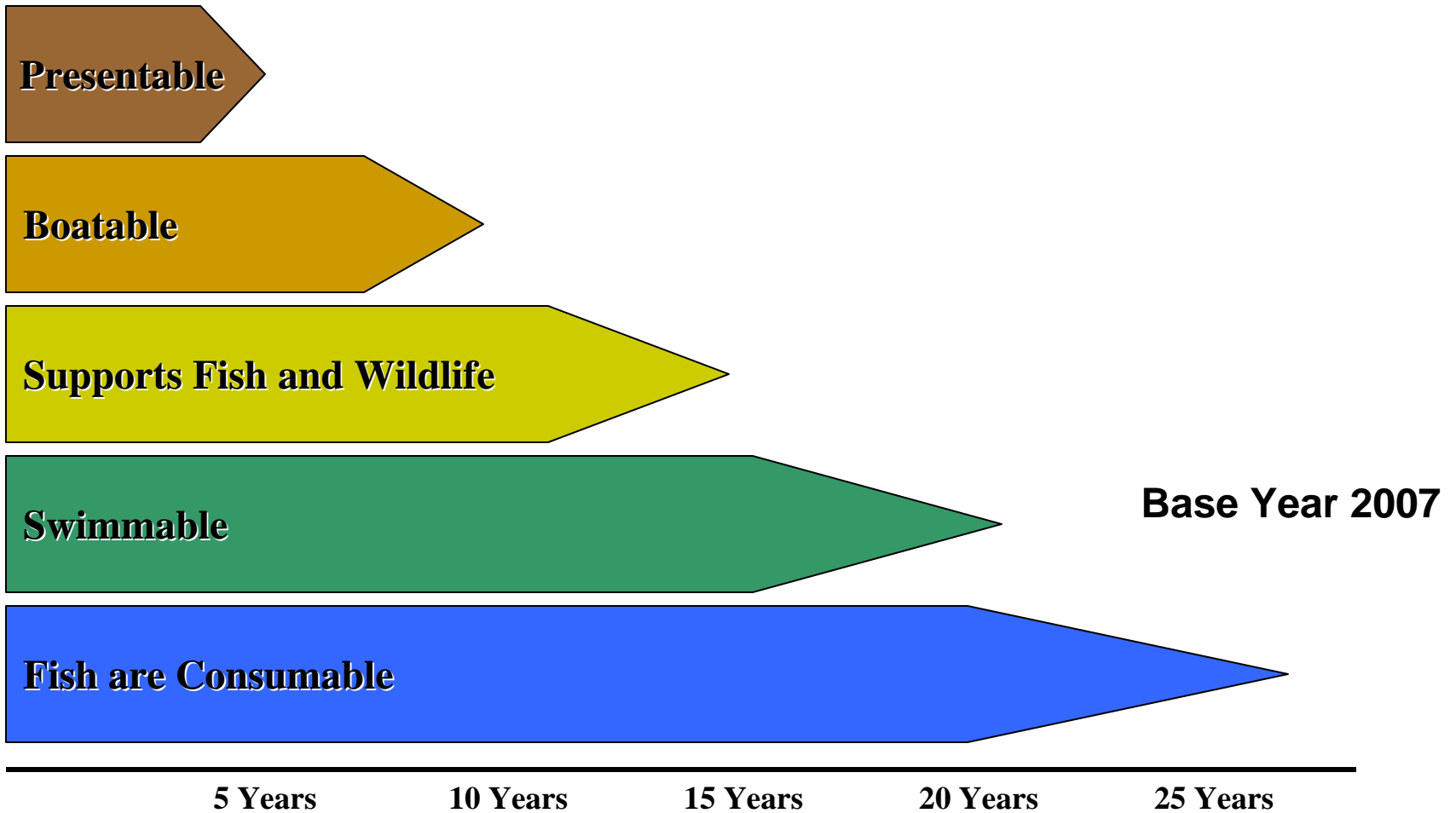


**Legend**  Fully Supporting  Not Supporting

Areas in orange do not meet water quality standards for the activity.



# Anacostia 2032 Plan





# *Anacostia 2032 Plan*



- Make tributary streams trash free
- Reduce combined sewer overflows by 98 percent
- Restore habitat and natural function of the river and tributaries using:
  - Natural channel design
  - Planting and protecting riparian forest buffers
  - Creating tidal and non-tidal wetlands
- Require use of Low Impact Development (LID) and offer incentives to manage stormwater onsite
- Clean up legacy toxic sites in the river
- Negotiate enforceable pollutant strategies for waters flowing from Maryland



# *Wetland Restoration*



**Three wetlands restored since 2000 to create 61 acres of tidal wetland habitat and improve water quality**



**The River Fringe wetland adjacent to the River Terrace Community was created in 2003**



**Hibiscus flowering in the Heritage wetland off of Kingman Island**



# Trash Removal



- Commitment for three “trash free” Anacostia tributaries by 2010 through storm drain screens and in-stream trash traps.



Bandalong trash trap in the Watts Branch watershed



Inlet screens in the Fort Dupont watershed



Trash net in the Nash Run watershed



# Stream Restoration



- Three projects in design to restore natural channel conditions and “daylight” streams (bringing piped stream back to the surface).



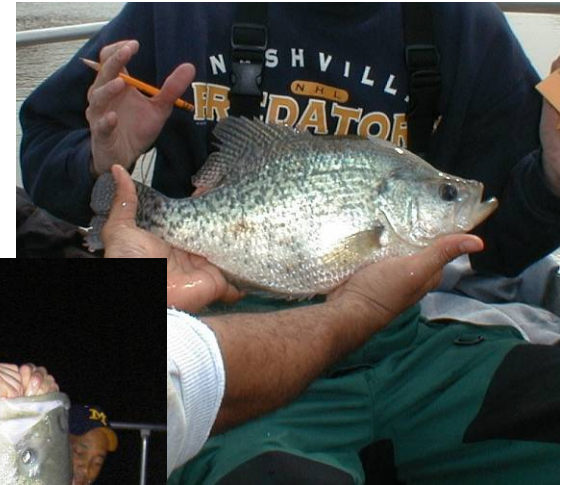
# *Fisheries and Wildlife*



## American Shad Restoration



## Sportfish Restoration



# *Fisheries and Wildlife*



- **Regulatory protections under the District's Water Pollution Control Act:**
  - Protection of aquatic resources
  - Fishing licenses
  - Closed seasons
  - Creel and Slot limits
  - Moratorium on in-river construction
  - during spawning season





- **Green Building Act**
  - Public and publicly-financed buildings must meet LEED green building standards
- **Anacostia Waterfront Development Standards**
  - Higher standards for building, stormwater management and site design in the Anacostia Zone
- **Stormwater Regulations and Fees**
  - Proposal for new development to manage stormwater on-site to protect rivers and streams
  - Stormwater fees shifting in an impervious area basis (based on the amount of roof, pavement or hard surface on a property)



# *Green Building*



- Energy and water efficiency
- Improved indoor air quality
- Transit-oriented
- Reduced waste



**HD Woodson High School**

**Anacostia Library**





# *Green Infrastructure*



- **Manage water on-site**
- **Less polluted runoff**
- **Schoolyard greening**



# *Green Economy*



- **Summer youth employment programs**
- **Adult workforce development and training programs**
- **Career ladder for green economy**



# *Questions and Information*



- **Websites**

- [www.green.dc.gov](http://www.green.dc.gov) (also look for “Green DC Agenda”)
- [www.theanacostiawaterfront.com](http://www.theanacostiawaterfront.com)
- [www.anacostia.net](http://www.anacostia.net)

- **Contacts**

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