



# Jacksonville EJ Showcase Community Green Infrastructure Demonstration Project



# Jacksonville Environmental Justice Showcase Community Project

- EPA focused on 10 cities across the nation
- Jacksonville for the Southeast
- \$100,000 to Seed Efforts



# What is Environmental Justice?

- Fair Treatment and Meaningful Involvement of All People in Environmental Protection
- No Group Should Bear a Disproportionate Share of Negative Environmental Consequences of Industry, Government and Commerce

# Project focuses on DCHD Health Zone 1

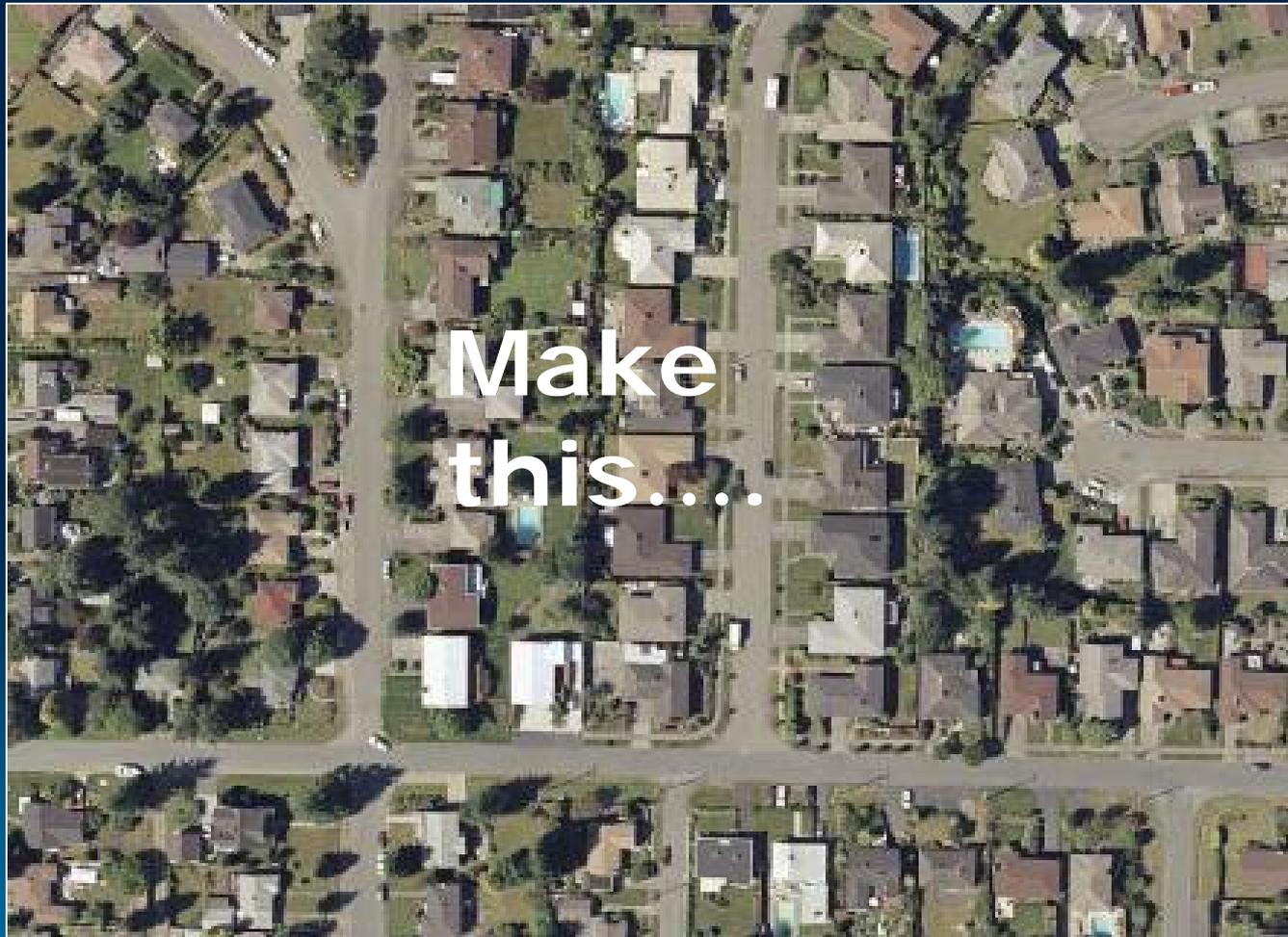
- Low Income and Minority Demographics make it an “EJ Community”
- Health Statistics are Concerning. The worst for nearly every health statistic except suicide. 2<sup>nd</sup> lowest.

## Concerns Identified by Residents

- Air Quality and Respiratory Health
- Water Quality, Flooding, and Fish Consumption
- Contaminated Industrial Sites



# Why Green Infrastructure?

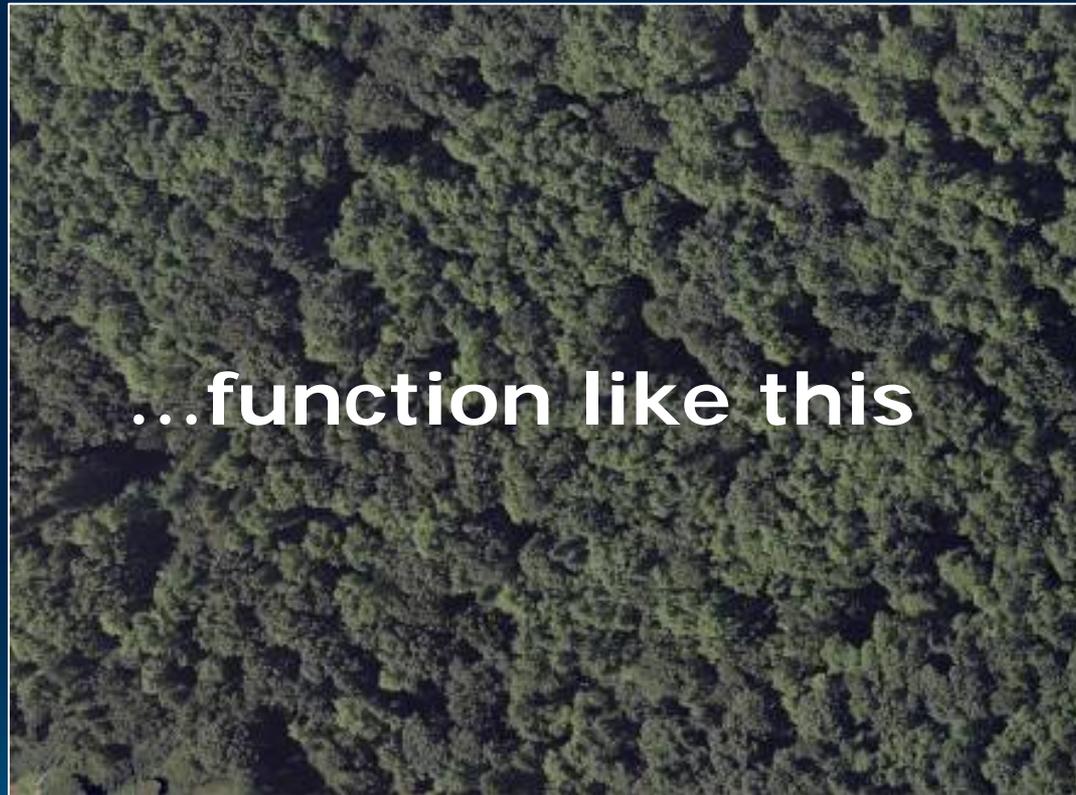


# Why Green Infrastructure?



And This....

# Why Green Infrastructure?



The goal is to maintain pre-development hydrology.

# Supports BMAP Implementation

- The St. Johns River and Creeks are Impaired for Excess Nutrients and Pathogens
- Green Infrastructure Best Management Practices address Point and Non-Point Sources
- Can Mitigate Flooding
- Aesthetics
- Community Demonstration of GI



# Considered Several Community Centers and Schools



# Bioinfiltration



# Parking Lot Infiltration Areas



# Rain Gardens



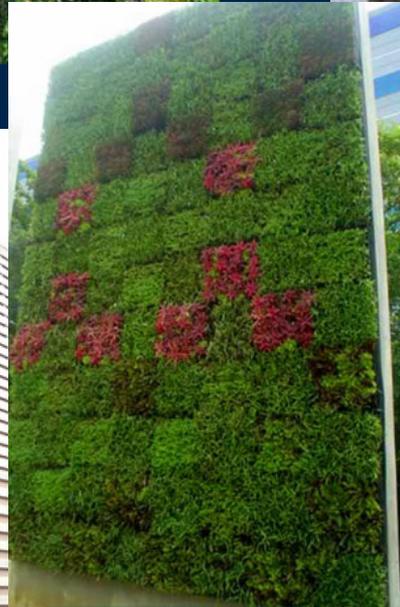
# Planters



# Green Roofs



# Green Walls



# Pocket Wetlands



# Permeable Pavements



# Disconnect Impervious Surfaces



# Rainwater Harvesting & Use



# Think Outside the Pipe

