ATLANTA UNIVERSITY CENTER **NEIGHBORHOOD ASSOCIATION Right Choice for You**



Why: Implement greenspace improvements that will provide capacity relief for the combined sewer system while offering a series of connected greenspaces as a community-wide amenity to help mitigate the flooding issues.

Implementation

Implementation of some accomplish this main objective. Stakeholder commitment, shown by inclusion in campus Master projects. Commitment by

Stormwater

Detention

1.9 MG + 1.3 MG =

3.2 MG

5.0 MG

3.8 MG

1.7 MG

4.9 MG

1.9 MG

2.4 MG

22.9 MG

AUCNA (Atlanta University Center Neighborhood Association) VISIONING SESSION

AUC Commitment Engagement Strategy

As proposed by Lyndon Greene, President Atlanta University Center Neighborhood Association (AUCNA)

Objective: Inspire stakeholder input and buy in for implementing the dozens of projects in the 9 AUC/EPA Conceptual Plans.

*This area experiences historic, frequent, and repeated flooding. This flooding has contributed to a significant number of abandoned and/or derelict properties, and is partially responsible for an unhealthy economic and environmental situation for the residents of these neighborhoods.

5 Fold Approach

- Strategy for 1. Implementation of Projects in the Nine (9) **AUC/EPA Conceptual Plans**
- **Project Prioritization and** 2. Stakeholder Commitment
- **Design Development** 3.
- **Prepare Construction** 4. **Documents**
- 5. **Construct Priority Projects**

Written

Commitment

seek written commitment from Presidents of AUC Colleges and principal stakeholders to include any of the 9 AUC conceptual plans in their master plans or ongoing plans

2 Collaboration & Partnership

Gain collaboration and establish partnerships

Spelman College

Catchment #1

Catchment # 3

Catchment # 4

Total

Conceptual Plans

Area

Sunset Avenue Greenway

Catchment # 2 includes 3

Atlanta Housing Authority

3 Secure Funding

Leverage collaboration and partnership to secure funding for timely implementation of projects in the nine (9) AUC/EPA Conceptual Plans

Stormwater

Retention

1.4 MG

4.2 MG

2.3 MG

4.3 MG

3.1 MG

1.8 MG

17.1 MG

projects along the way will help Plans, is what will drive future implementation of many more stakeholders to setting aside the recommended green spaces is critical.

Total Floodwaters

Captured

4.6 MG

5.0 MG

8.0 MG

4.0 MG

9.2 MG

5.0 MG

4.2 MG

40.0 MG

~	PRIORITIES	
		844
Addres	s quality of life issues (e.g., safi	ety,
cleanliness, transportation, & economic		
Marketing AUCNA		
Diligent and regular chronicing of information about the organization (e.g., minutes, meeting summary, history & documentation)		
Student involvement/ resources/ faculty		
Roles and responsibilities of Board members; Ensuring diverse representation		
Neighborhood identity & visibility		
Community engagement & participation		
Greening of community (e.g., urban farming, opposite the spaces)		
Fundra	ising & budget development	
(
	— GOALS ——	- ()
Add 10 new residents	Recruit off campus students	Define quality of life issues
Increase engagement	Regular contact with membership	SWOT analysis
0		
The safest neighborhood	The wealthiest neighborhood	Economic accountability (I.e., employees
ACTIVITIES		
Membership campaign to identify residents, increase their		
awareness of AUCNA, invite to AUCNA meetings		
Half-Day training session to prioritize issues and set game plan (retreat)		
Newsletter, t-shirts, talk-up organization, invite others to participate		
Develop database including information about residents. (demographic characteristics, foredosures, rooming houses, etc.)		
Develop Website and Social Media presence		
Ongoing planning and evaluation process		
AUCNA		

THE REASON





Unfortunately, during heavy rainfall, massive flooding occurs as the rain drains through a combined sewer system into downstream lower elevation areas such as Vine City and English Avenue. The storm water carries pollutants and trash with it that eventually litters the downstream communities. Furthermore, the combined sewer system is overpowered by the rain, which causes water and sewage back-up in many of the lower elevation residential areas in West Atlanta.



Such impacts are dependent on the characteristics of the discharge and receiving environment. As sewer overflows may contain raw sewage, they can carry pathogens, which are disease-causing organisms. These include bacteria, viruses, protozoa, helminths (intestinal worms), and inhaled molds and fungi. The diseases they may cause range in severity from mild gastroenteric



Sewage overflows exert physical, chemical and biological effects on the receiving environment. This may result in human health, environmental and aesthetic impacts, which can be both acute and cumulative (American Rivers)



The cost of eliminating CSOs and SSOs throughout the nation is staggering

Benefits to AUC Community and Students' Learning Experiences:





ATLANTA UNIVERSITY CENTER NEIGHBORHOOD ASSOCIATION

Some long-term benefits include system resiliency, capacity enhancement, improved community livability, cleaner air and water, providing water for reuse and for drought, and to lessen the impact of climate change

- We recommend these conceptual plans will be considered over time to not only to improve the community livability in the AUC, but also to ensure improved living conditions for all affected downstream communities
- ✓ It is our moral responsibility to take action that will help to prevent and reduce impact of flooding on public health
- ✓ The purpose of this research is to develop capacity relief for sewer systems and in order to mediate the negative health impacts associated with flooding