



watershed management Delivers 100 MG of drinking water per day
Treats 188 MG of wastewater per day

1.2M Customers Served \$609M

Annual Operating Budget \$1.26B

5-YR Capital Improvement Program

WATER STSTEIV
3,028 miles of pipeline
62,204 valves
24,385 fire hydrants
18 pump stations
3 water treatment plants

1,900 miles of pipeline
47,327 manholes
22 pump stations
4 water reclamation centers
2 water quality control facilities

WATERSHED PROTECTION

603 miles of pipe
47,351 inlets
2,349 culverts
6,175 outlets
14 drainage basins

No Stormwater Utility Fee





Regulatory Drivers



Consent Decrees

- CSO Consent Decree (Sep 1998) Project completion by 2008 (achieved)
 - Reduce CSOs from 100/yr. at each of 6 facilities to 4/yr.
 - Achieve water quality standards at point of discharge
- SSO Consent Decree (Dec 1999) Project completion by 2027 (per amendment approved 2012)
 - Stop 1000+ annual sewer spills
 - Achieve a reliable sewer system
 - Implement MOMS plan

NPDES Permits

- MS4 (Green Infrastructure)
- CSO (Integrated Plan, Green Infrastructure)
- Wastewater Watershed Protection Plan
- WW & SW--(Metro District Water Resources Plans)







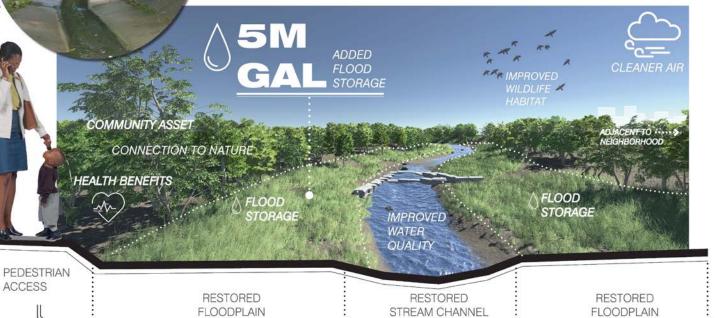


GREENSFERRY



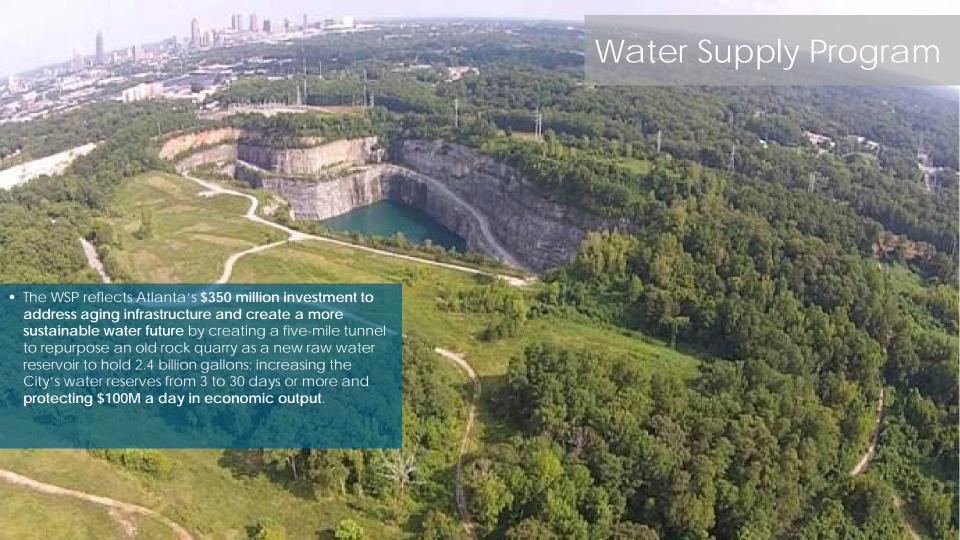


SUMMARY: This project restores a degraded segment of Proctor Creek channelized in concrete in the 1960's. By restoring a natural stream channel and floodplain access, this project will be able to increase storage by over 5 million gallons of water during rain events, protecting downstream communities from flash flooding while also improving water quality and aquatic habitat. In addition, the restored green space will be a community asset providing other ecosystems services for the adjacent community including cleaner air and temperature regulation, as well as proven health benefits associated with proximity to green space and walking trails.



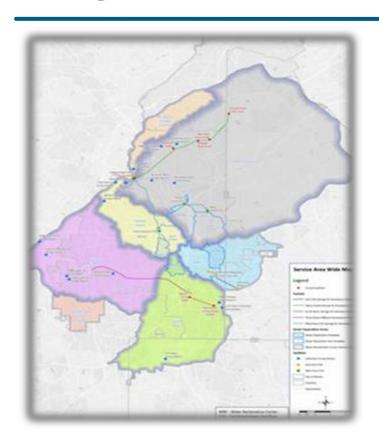
VISTING COMPILIA





Integrated Water Resources Plan (2020)





Water, Wastewater, & Stormwater Master Plans

- Assess system
- Identify deficiencies
- Regulatory compliance
- Recommend improvements (2070)

Gray-Green Integration

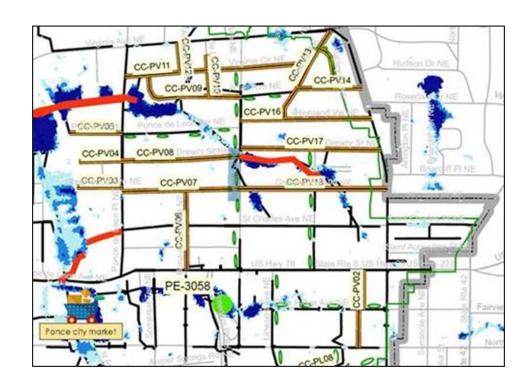


RMR Plan based on 2-yr level storm

- Projects were mainly upsizing or replacing existing gray infrastructure
- Costs developed for each project

Question?? How to incorporate more GI projects to offset some of the gray projects

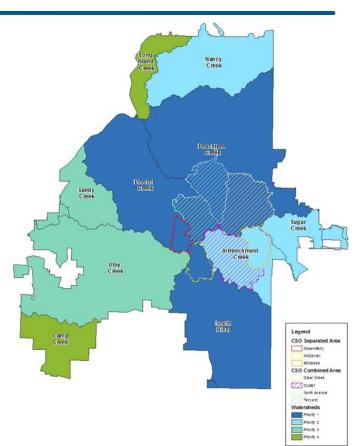
 Optimize the projects and come up with a combination of both Gray/Green options at a lower cost



Integrated planning approach

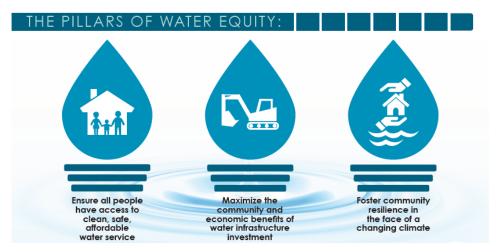


- evaluate sustainable solutions (TBL)
- combine both traditional gray infrastructure with green infrastructure
- leverage infrastructure improvements for multiple benefit
- supplement the investments being made in the separate and combined sewer systems



Atlanta Water Equity Task Force





- WORKFORCE DEVELOPMENT Streamline communications and opportunities to reach vulnerable communities
- COMMUNITY ENGAGEMENT Authentically engage communities in the project planning process
- AFFORDABILITY Develop DWM's affordability strategy that balances need to invest in infrastructure with economic impact to customers
- CLIMATE RESILIENCE Assess the vulnerability and potential effects of climate related disturbances, while taking steps to better cope with these impacts.

Contact



Susan Rutherford, AICP, CFM
Stormwater Program Director

City of Atlanta Department of Watershed Management

srutherford@atlantaga.gov

