

CHATTAHOOCHEE TRAILS WATER HUB

A PROPOSAL FOR BLUE/GREEN
INFRASTRUCTURE & PUBLIC SPACE AT THE
CONFLUENCE OF PROCTOR CREEK & THE
CHATTAHOOCHEE RIVER

OCTOBER, 2021



BY CHATTAHOOCHEE TRAILS
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CHATTAHOOCHEE TRAILS WATER HUB

At the confluence of the Chattahoochee River and Proctor Creek, Chattahoochee Trails Water Hub has the potential to become a gold standard for more resilient and equitable public spaces in Metro Atlanta—managing riverine and stormwater flooding through a restored floodplain while providing a valued neighborhood and regional amenity in an area of Metro Atlanta historically underserved by open space.

Over the decades, the site has experienced compounding risks—a combination of rapid urbanization, industrial pollution, declining water quality, eroded banks and compromised infrastructure. Adjacent to the site of the former Chattahoochee Brick Company (run on forced convict labor) and the Proctor Creek watershed, the project area is also at a confluence of racial and environmental injustices central to the history of the Metro Atlanta Region—a reality that must be acknowledged and addressed in any spatial or interpretive features.

“As individuals and families that have sustained our community economically and socially without the benefits of quality amenities; we are excited to begin dialogue regarding the Chattahoochee Trails & Water Hub on the front-end. The level of engagement extends unprecedented respect coupled with high hopes that have not previously been extended to residents.”

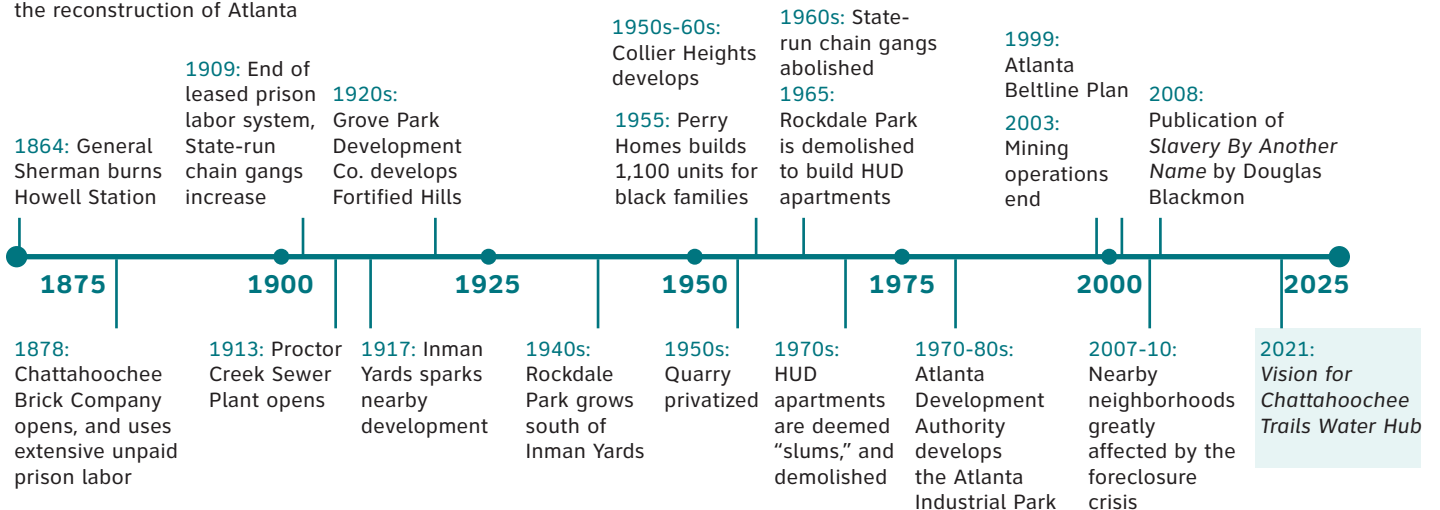
Lifetime Resident of Hollowell Corridor



For years, advocates have pushed for a memorial to the victims of convict leasing at the former Chattahoochee Brick Company, whose burrow pits extend into the Atlanta Industrial Park.

40+ ACRE PARK

Unpaid prison labor used for the reconstruction of Atlanta



CHATTAHOOCHEE TRAILS WATER HUB
October, 2021

THE SITE SITS AT A CONFLUENCE OF COMMUNITIES, TRAILS, AND RIVERS, STREAMS AND CREEKS

CHATTAHOOCHEE RIVER NATIONAL RECREATION AREA



1. Restore the Floodplain
An enhanced floodplain will help restore water quality and improve resilience to both riverine and stormwater flooding.

BUCKHEAD



2. Create innovative infrastructure
Develop cutting edge water re-use infrastructure to support future development.



3. Foster educational experiences
Cultivate ecological educational experiences and enhance the public realm along the riparian corridor.



4. Invite surrounding communities
Ensure safe access and a sense of stewardship for surrounding West Atlanta communities, who have been historically underserved by open space.



CHATTAHOOCHEE TRAILS WATER HUB

THREE WATER NARRATIVES OF FLOW, USE AND REUSE, AND COMMUNITY CONNECTION SPEAK TO EACH OTHER THROUGH THE RIVERFRONT

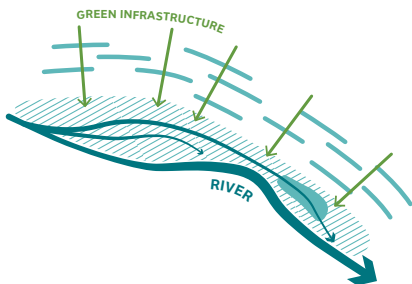
RESTORING THE FLOODPLAIN



HISTORIC FOURTH WARD

Reforming and shaping the floodway can afford space for the river to “breathe” into the site while integrating green infrastructure to filter and naturalize runoff.

- Provide temporary storage for floodwaters and sediment
- Reduce flow velocities in the bridge constrictions
- Restore a multi-level ecosystem with riparian corridors
- Promote water quality treatment, ecological links, and lower maintenance costs for public infrastructure



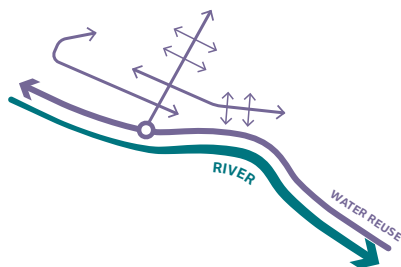
USE AND REUSE



WATERHUB, EMORY UNIVERSITY

A water reuse hub could serve as an infrastructure backbone to strengthen and diversify resources for the existing community and region, including:

- Initial establishment of native ecologies
- Revenue stream to sustain the project, park, and Chattahoochee Trail section
- Provide a resilient framework and infrastructure for adjacent Industrial Park and Brickworks
- Return on investment for resilient infrastructure approaches



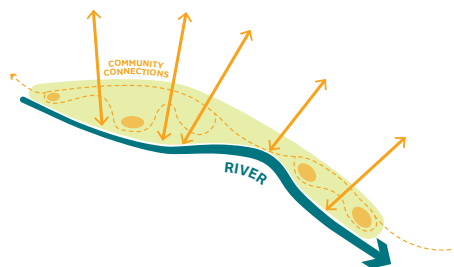
COMMUNITY CONNECTIONS



PROCTOR CREEK GREENWAY

Trails connecting the park to the Chattahoochee River system and Atlanta extend through the site, bringing people to the water’s edge and:

- Connect adjacent streets, regional trails and communities to the Chattahoochee RiverLands
- Direct flows of people and water through the park
- Support education as each access point is programmed with social and ecological nodes, including outdoor classrooms, groves, and glades



“A non-traditional partnership like the Chattahoochee Trails & Water Hub that will provide a unique learning experience for all levels of students (elementary, middle, high school and college) also creates a platform that can be utilized throughout the Nation moving forward. We can never underestimate the benefits of exposure beyond the status quo. This project represents an immersion of past, current, and future resources.”

Ericka Mitchell, Atlanta Public School Board Member

PARK VISION

Cobb
County

FORMER
CHATTAHOOCHEE
BRICK FACTORY

PROCTOR CREEK

PROCTOR CREEK TRAIL EXTENSION

I-285

- STEPPED POOLS
- BRIDGE
- RESTORED FLOODPLAIN EDGE
- RIPARIAN HABITAT RESTORATION
- OUTDOOR CLASSROOM
- WETLAND TRAILS
- FLOOD POOL
- WATER HUB
- OVERLOOK
- CANOPY WALK

FUTURE URBAN DESIGN
CONNECTIONS TO
UPLAND COMMUNITIES

ATLANTA
INDUSTRIAL
PARK

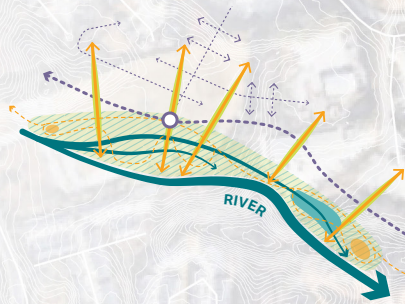
PROPOSED RIVERLANDS TRAIL NETWORK

CHATTAHOOCHEE RIVER

COMMUNITY
PAVILION FOR
GATHERING &
LEARNING

ATHLETIC PLAYING
FIELDS

FUTURE GROCERY
STORE



The park weaves together what is largely separated in the built environment — water and community access.

FUTURE DEVELOPMENT



CANOPY WALK





OUTDOOR CLASSROOM



FLOOD POOLS



WATER HUB

WETLAND TRAILS



TO LEARN MORE ABOUT THE PROPOSAL VISIT:
www.chattwaterhub.com

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