



# Neuse River Park Situation Assessment

NOVEMBER 2023



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Parks

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## Introduction

A **Situation Assessment** is an analysis of the local context around a project, to help Raleigh Parks staff determine the best way to effectively engage the community in a collaborative process. Situation Assessments are used as an opportunity to identify key stakeholders and any issues or opportunities that are important to the community that will be affected by the planning process. Situation Assessments can be an opportunity to study the historical and cultural context of a particular project or community and to proactively identify and address any issues that may be contentious during the planning process.

The Situation Assessment also identifies the **Community Advisory Group (CAG)**, which is a membership-specific committee that provides oversight of the project planning process and ensures that decisions include a broad representation of the community and stakeholders impacted by the project. CAG members help facilitate information sharing between the community and planning staff.

## Project Overview

The Neuse River Park master plan will provide a conceptual framework and vision for the future development and management of nearly one-hundred acres of park land and its interface with the Neuse River.

The Neuse River Park master plan will focus primarily on 80 acres of undeveloped City-owned land just downstream of Falls Dam, with approximately 3,000 feet of shoreline along the Neuse River. Falls of Neuse Road bisects this site into northern and southern sections, with the only current connection between the two sections being the Neuse River Greenway underneath the Falls of Neuse Road Bridge.

The City of Raleigh also manages an adjacent 9 acres of land that is leased from the United States Army Corps of Engineers (USACE). With 1850 feet of shoreline along the southern channel of the Neuse River, this property is currently a popular destination for paddling, angling, river wading, hiking, and greenway users. The site is currently developed with a parking lot, canoe launch, and one of the most heavily trafficked trailheads of the Neuse River Greenway Trail. The City's use and management of this property is subject to a Development Agreement approved by the USACE.

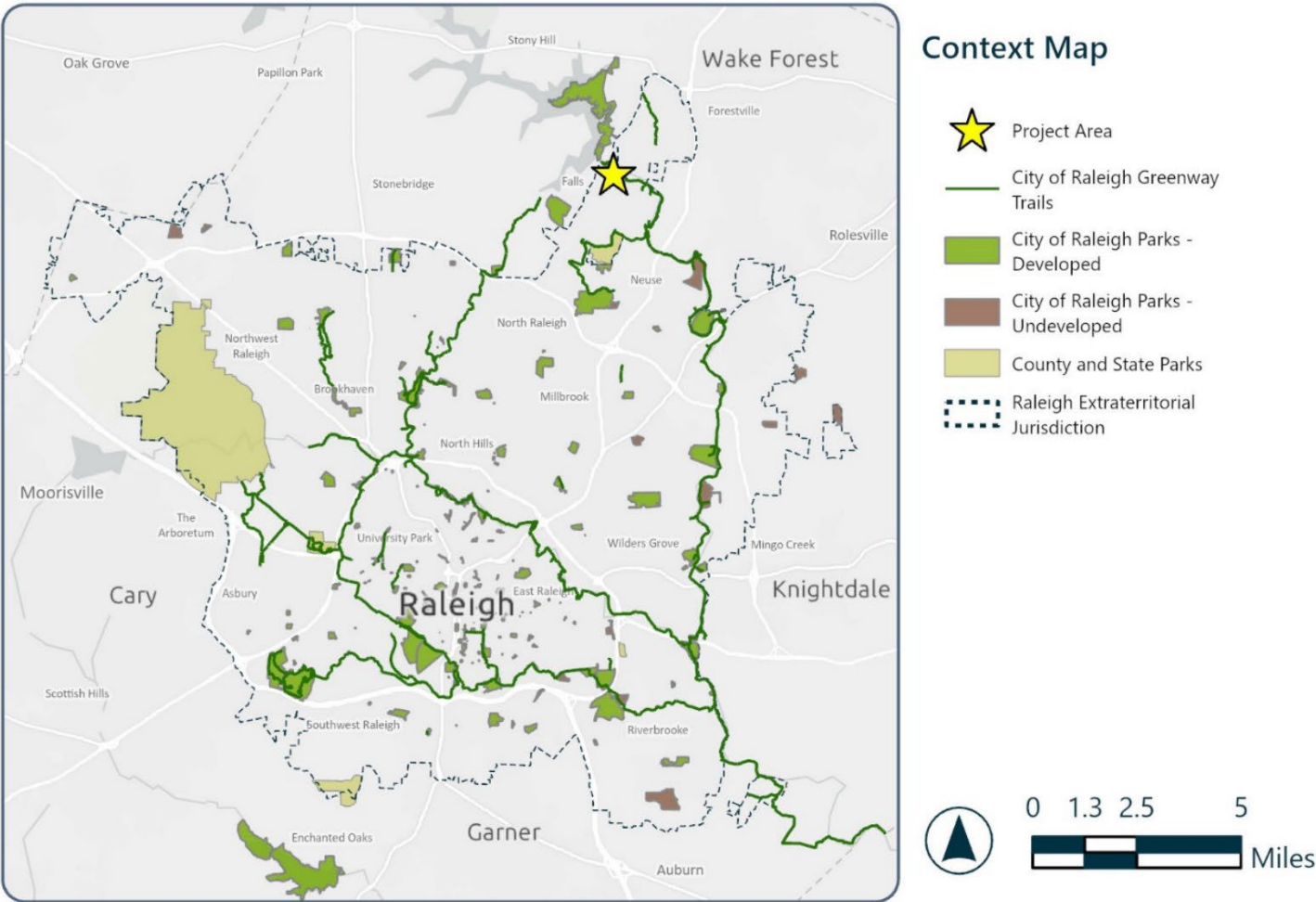
Neuse River Park is positioned to serve a large area of northeast Raleigh, and due to its unique natural features, location on the Neuse River near Falls Dam and Falls Lake State Recreation Area, its position as the northernmost trailhead of the Neuse River Greenway Trail and Neuse River Blueway Paddling Trail, and as a destination along the Mountains to Sea Trail system, it has the potential to become a signature regional destination within the City of Raleigh Park System.

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*Funding in the amount of \$11.5 million has been allocated for community engagement, master plan development, design, and construction at Neuse River Park through the 2022 Parks Bond Referendum.*

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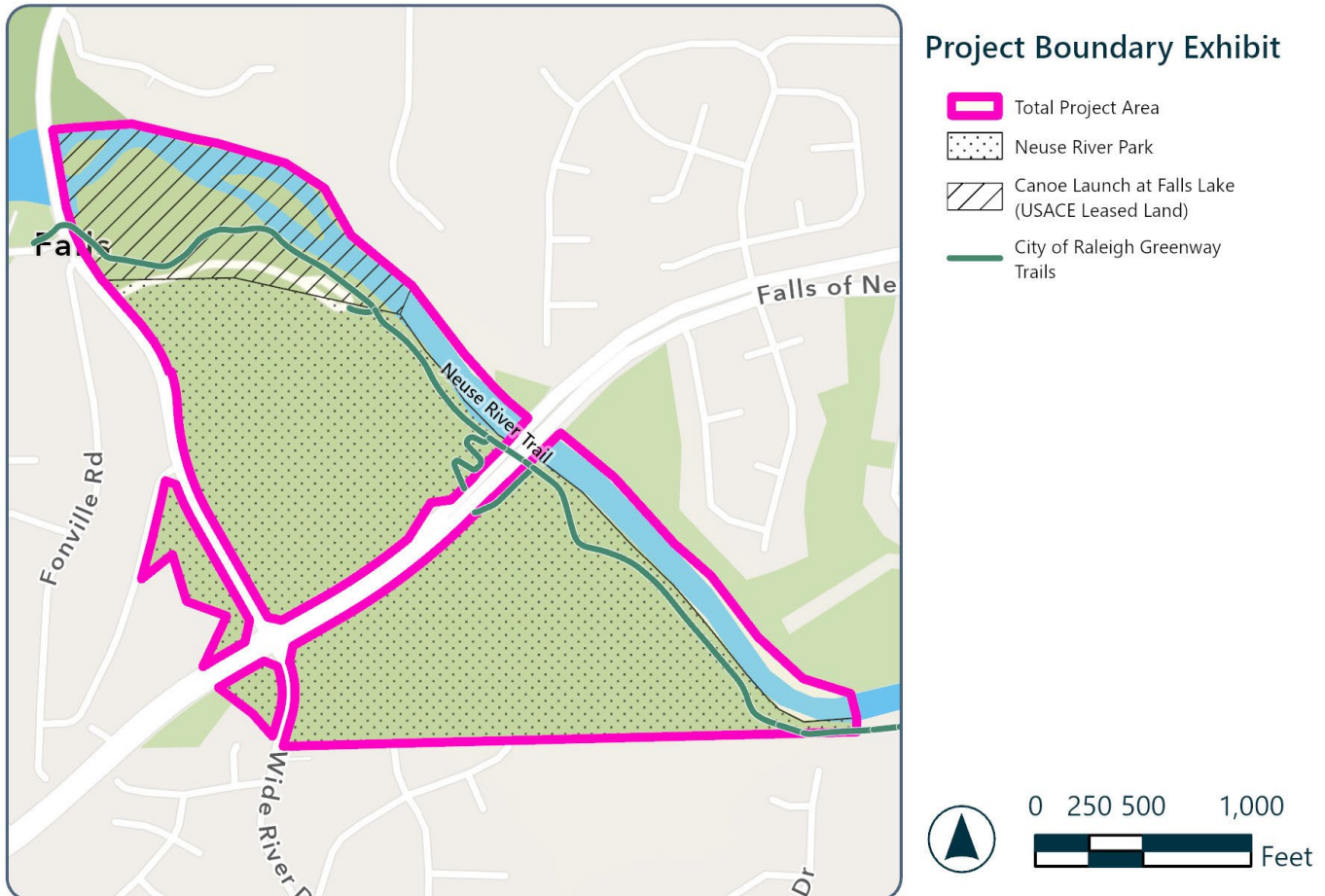
FIGURE 1: CONTEXT MAP



## Planning Context

### Master Plan Project Area

FIGURE 2: MASTER PLAN PROJECT AREA MAP



In order to fully account for the natural and recreational resources in the vicinity, the Neuse River Park master plan project area will extend slightly beyond the property lines of the City-owned “Neuse River Park” parcel to include adjacent land managed by the City and leased from the United States Army Corps of Engineers (USACE) as well as adjacent portions of the Neuse River itself.

Neuse River Park will primarily consist of the 83.6-acre City-owned site (Wake County Parcel ID Number: [1729559875](#)) formerly known as the Leonard Tract. The site is located at 12028 Falls of Neuse Road, northeast of the I-540 Loop and east of Capital Boulevard (U.S. Highway 1). This parcel is bisected by Falls of Neuse Road, creating two separate contiguous areas (Northern and Southern), each approximately 40 acres. This parcel is further divided by Old Falls of Neuse Road / Wide River Drive, which separates two additional remnant areas to the west of the main park site.

A key focus of this master planning effort will be determining how these various pieces of land should be developed or otherwise managed to create a cohesive park design that responds to the needs of diverse stakeholders within the context of broader City priorities.

The Northern section of the City-owned property is bounded by USACE-owned property to the north, Falls of Neuse Rd to the south, Old Falls of Neuse Rd to the west, and the Neuse River to the east. Planning, design, and development of this Northern section of the property should respond directly to the interface with these boundary conditions. Specifically, the master plan should consider appropriate opportunities for vehicular and bicycle/pedestrian entrances along the site's frontage with Old Falls of Neuse Rd and Falls of Neuse Rd; opportunities to provide for synergistic natural resource management, river access, and recreational use with the USACE-owned property; and the relationship between the park, greenway trail, and water along the Neuse River itself.

The Southern section of the City-owned property is bounded by Falls of Neuse Rd to the north, residential subdivisions to the south (including River Run and Bedford at Falls River), Wide River Dr to the west, and the Neuse River to the East. Planning, design, and development of this Southern section of the property should respond directly to the interface with these boundary conditions. Specifically, the master plan should include design considerations that are sensitive and responsive to the single-family properties and neighborhoods to the south of the park, while considering an appropriate level of connectivity with the Northern section and the site's relationship to the Neuse River. It should also be noted that the natural resources inventory included in the Pre-Development Assessment Plan (see Appendix C page 50) indicates that the Southern section of the City-owned property features more high-integrity natural resources as compared with the Northern section, including a greater biological diversity and a more mature tree canopy.

These issues should be further explored during the master plan process, and may indicate that it would be appropriate to locate more intensive park features within the Northern section of the site while embracing a more low-impact design strategy for the Southern section of the park.

Additionally, two small remnant areas of City-owned land (approximately 3.5 acres and 2 acres, respectively) are separated from the main bulk of the City-owned parcel by Old Falls of Neuse Road / Wide River Drive. These remnant areas should be evaluated for potential alternative uses if they are not incorporated into the park.

In addition to the City-owned property, the master plan project area will also include an adjacent 9-acre property, presently referred to as the Canoe Launch at Falls Dam. The Canoe Launch at Falls Dam is owned by the U.S. Army Corps of Engineers (USACE) and is currently leased to the City of Raleigh through the year 2039. It is anticipated that the Neuse River Park master plan will approach designing these properties as a cohesive unit; however, all proposed design, management, and development recommendations on the Canoe Launch at Falls Dam property will be subject to the terms of the existing lease and subject to review and approval by the USACE. The master plan for Neuse River Park will prioritize a design for the City-owned site that remains viable (e.g. public access to Neuse River Park facilities should not be solely reliant on ingress and egress through USACE-owned parcel) in the contingency that the lease with the USACE is terminated or not renewed in 2039.

Furthermore, any proposed development or change of use on Federally owned property will be subject to additional permitting, regulatory review, and approval requirements including but not limited to (1) amendment of the current Development Agreement included in the lease between the City of Raleigh and USACE, and (2) National Environmental Policy Act (NEPA) requirements. These issues—and associated impacts to project cost and timeline—should be acknowledged and thoroughly considered in coordination with the USACE and relevant State agencies throughout the master plan process.

Finally, the master plan project area will include the adjacent segment of the Neuse River itself, as the planning process will include special consideration for river access, river-based natural resources, and river-oriented design features. The inclusion of the Neuse River section will increase the master plan project area by 19 acres; thus, the total project area for the master planning process is approximately 112 acres.

## Park System Context

There are four developed parks within a 5-minute drive (2-mile radius) of the Neuse River Park property, Forest Ridge Park, Annie Louise Wilkerson MD Nature Preserve Park, Green Hills County Park, and the Falls Lake Dam / Falls Lake State Recreation Area. Abbott's Creek Park also serves the surrounding community, located just beyond the 2-mile radius.

The 2003 Parks Bond included approximately \$6.25M to fund the Environmental Assessment, Master Plan, and initial phase of development of Forest Ridge Park, a 587-acre site on Falls Lake. The master plan for Forest Ridge Park was developed through a consensus-based community planning process and was adopted by City Council in 2006. Today, the park features include a welcome center, playground, picnic shelters, restrooms, multipurpose field, and trails. In the years following initial development funded by the 2003 Parks Bond, staff have continued to implement additional master plan features through the construction of several miles of hiking trails, mountain bike trails, wildlife gardens, and a seasonal disc golf course.

In February 2006, the City of Raleigh received the gift of 157 acres of land along Falls Lake to create its first designated nature preserve. Dr. Annie Louise Wilkerson, a renowned Raleigh doctor with many pioneering achievements in her 53-year career in medicine, stipulated in her will that the park be maintained as a "nature preserve park" used for the primary purpose of nature and wildlife education. The park offers a number of features to help you get the most of out nature including: electric car charging stations, exhibits and displays, free loaner equipment (binoculars, kites, etc.), nature play areas, hiking and wildlife watching, native plant gardens and comfort station (restrooms, water fountain, etc.). The Annie Louise Wilkerson Education Center is open to the public with exhibits, fun activities, live animals, and a new Nature Library. Three loop trails have been created on the 157-acre property. In addition, the Mountains-to-Sea Connector links the preserve's trails with the Mountain-to-Sea Trail that follows the south shore of Falls Lake.

Green Hills County Park (formerly known as North Wake Landfill Park) is under the jurisdiction of Wake County and sits within the footprint of a previously closed municipal solid waste landfill. The park opened in July 2010, and offers 5 miles of paved and unpaved trails, beginner & intermediate mountain biking trails and skills area, a playground, picnic shelter and two hilltop observation points from one of the highest elevation points in Wake County.

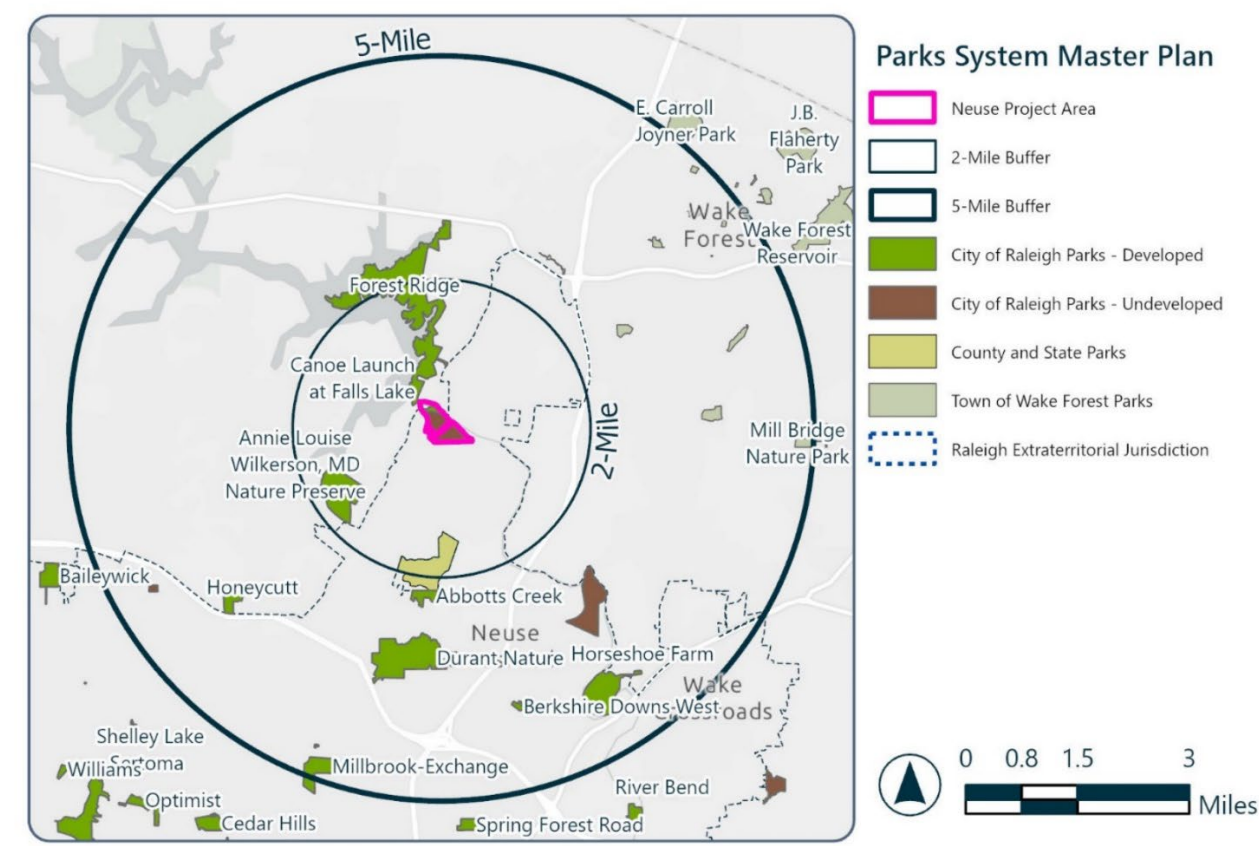
Just outside of the 2-mile radius, Abbott's Creek Park and Abbott's Creek Elementary School are immediately adjacent to Green Hills County Park. The park features one of Raleigh's flagship community centers, a shaded playground area, connections to the Capital Area Greenway trail system, and multipurpose fields.

Just across Old Falls of Neuse Rd from the Neuse River Park Site, the Falls Lake Dam Recreation Area offers a variety of activities including scenic overlooks, hiking and biking trails, fishing, boat ramps, picnic shelters, and access to the entire Falls Lake State Recreation Area.

Neuse River Park is positioned to contribute toward a destination outdoor adventure recreation hub within Northeast Raleigh, in synergy with the offerings of these existing parks.



FIGURE 3: PARK SYSTEM MASTER PLAN MAP



Raleigh Parks System Plan

The Neuse River Park property (previously referred to as “Leonard Tract Park”) is specifically referenced in Action Item 4.A.1 in the 2014 City of Raleigh Parks, Recreation and Cultural Resources System Plan. This action item can be found on Page 179, under Goal 4 – Objective A – Action Item #1, as shown below:

Goal 4	The City of Raleigh will provide access to outdoor recreation and adventure opportunities throughout the city.
Objective A	Develop regional outdoor adventure hubs
Action Item #1	Partner and develop Forest Ridge Park Outdoor Recreation Center, Falls Whitewater Park, ‘Leonard Tract’ Park and Neuse River Greenway Connectivity.

This park site is positioned to serve a large area of northeast Raleigh, and due to its location on the Neuse River near Falls Dam, its position as the northernmost trailhead of the Neuse River Greenway Trail and Neuse River Blueway Paddling Trail, and as a destination along the Mountains to Sea Trail system, it has the potential to become a regional destination within the City of Raleigh Park System.

*During the master planning process, Neuse River Park will be designed to provide regional access to outdoor recreation and adventure opportunities, as called for in the Raleigh Parks System Plan.*

## Neuse River Blueway Plan

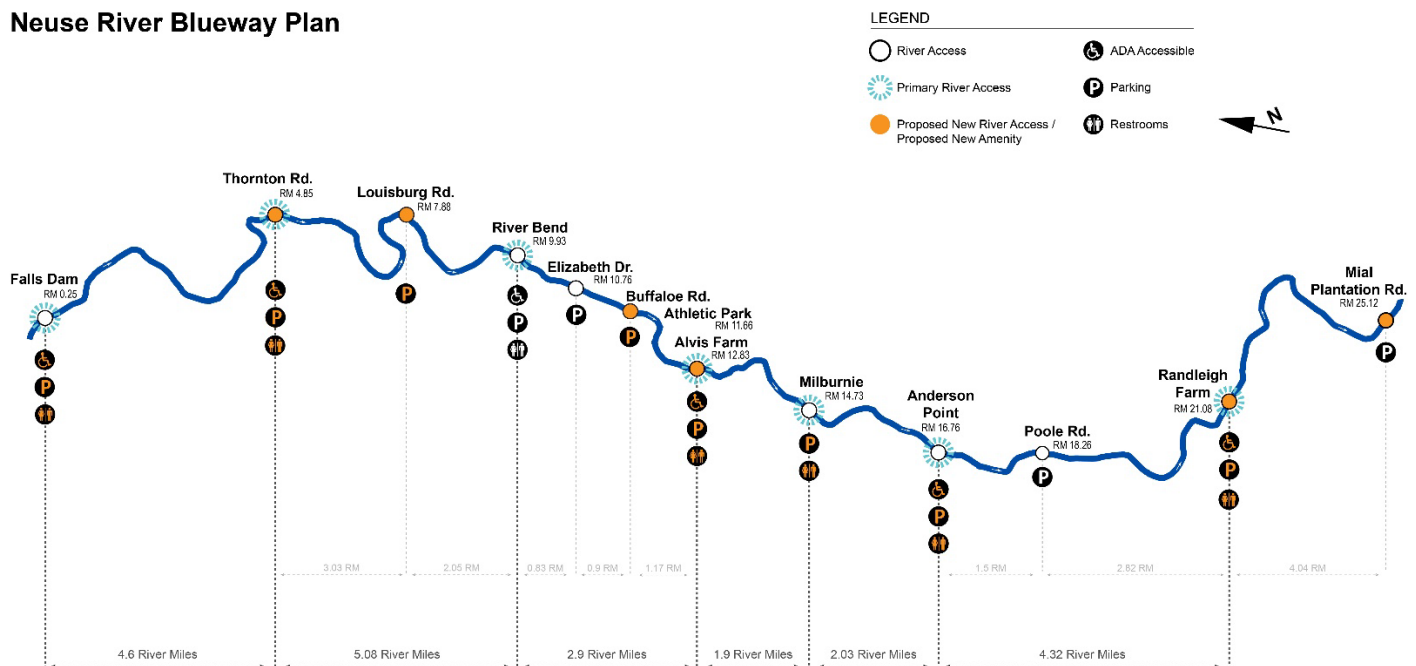
The Neuse River Blueway Plan is a comprehensive effort to improve public access to and awareness of the Neuse River as a valuable natural resource and recreational asset. The plan provides a long-term vision for the creation of a cohesive paddling trail that will connect over 2,000 acres of parks, greenway land, and open space along the 25 miles of the Neuse River that flow through the City of Raleigh and Wake County.

This plan was developed in partnership with the National Parks Service, through the Rivers, Trails, and Conservation Assistance Program. A diverse group of project partners, representing multiple jurisdictions, public and nonprofit landowners, advocacy organizations, and various other stakeholder groups, provided essential guidance and expertise throughout the planning process. Community engagement, through online surveys, special events, and other outreach efforts, generated detailed feedback from over 600 people throughout the Triangle area. This engagement was essential to better understanding the needs and priorities of the community and directly informed the recommended improvements in this plan.

The Neuse River Blueway Plan proposes improvements to existing City of Raleigh river access points, as well as the addition of six new launches to the system. Proposed river access points are distributed to maximize flexibility and accessibility, creating more options for short 1–2-hour paddling trips that are ideal for casual users and recreation programs.

Proposed locations are designated as either Primary or Secondary access points. Primary access points, established at key nodes along the river, will be developed to accommodate heavy use and will include features such as restroom access, expanded parking, and ADA-accessible launch designs, where feasible. Primary access points should be capable of accommodating vehicles and trailers for the launching of power boats used by the Wildlife Resources Commission and emergency services. Secondary access points, primarily located at greenway trailhead parking lots along the river, provide alternative access opportunities but are not designed for intensive use.

FIGURE 4: NEUSE RIVER BLUEWAY PLAN



The Canoe Launch at Falls Dam property, which is included in the scope of the Neuse River Park master plan, is the northernmost launch access on the Neuse River. The City of Raleigh leases this property from the Army Corps of Engineers and has developed a boat launch through an outgrant agreement. The City used funds from the Land and Water Conservation Fund (LWCF) to secure the lease. In accordance with the legal requirements for LWCF funding, the land may not be used for any other purpose other than outdoor recreation.

The Canoe Launch at Falls Dam property is one of the City of Raleigh's oldest and most popular access points on the Neuse River. The launch consists of a concrete landing and pre-cast block steps. There is no handrail, and the launch is not ADA-accessible. There are 29 car parking spaces (including one accessible space) and 9 trailer parking spaces in the parking lot. The Neuse River Greenway trail begins at this site, and there is a high demand for parking, as a result of multiple user types.

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*The Canoe Launch at Falls Dam property is located at the beginning of the Neuse River Blueway. It should be recognized as a primary launch location and should be able to accommodate more patrons than it currently serves.*

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Primary access points are planned to accommodate the majority of paddling activity and will generally have larger parking lots, more formal boat launch designs, and other amenities to improve user experience. Additional facilities beyond boat launch improvements themselves—such as public restrooms, expanded parking, and ADA-friendly infrastructure—are proposed at designated primary access points. These facilities will make paddling the Neuse River a more accessible experience for a broader cross-section of the population, ultimately expanding this recreational opportunity to a greater number of people. However, locating these amenities is a difficult challenge at many sites along the Neuse River corridor. Restroom facilities must be constructed outside of the river's sizable floodplain, which may extend hundreds of feet inland, far away from potential boat launch locations; site topography and bank conditions may make it impossible or financially infeasible to develop fully ADA-accessible launch designs at some locations; and there is a delicate balance between dedicating enough space for adequate parking while limiting tree removal and impervious surface area in ecologically sensitive locations.

Where feasible, providing these enhanced facilities at primary access points is necessary to make the paddling experience accessible to as many people as possible. When co-located with trailheads along the Neuse River Greenway Trail and other park site improvements, these facilities will meet the demand of general park and greenway users in addition to blueway paddlers. In most cases, development of these enhanced facilities should be considered in coordination with future master planning and large-scale development of each individual site.



### SITE SUMMARY

**EXISTING LAUNCH:** CONCRETE LANDING & PRE-CAST BLOCK STEPS

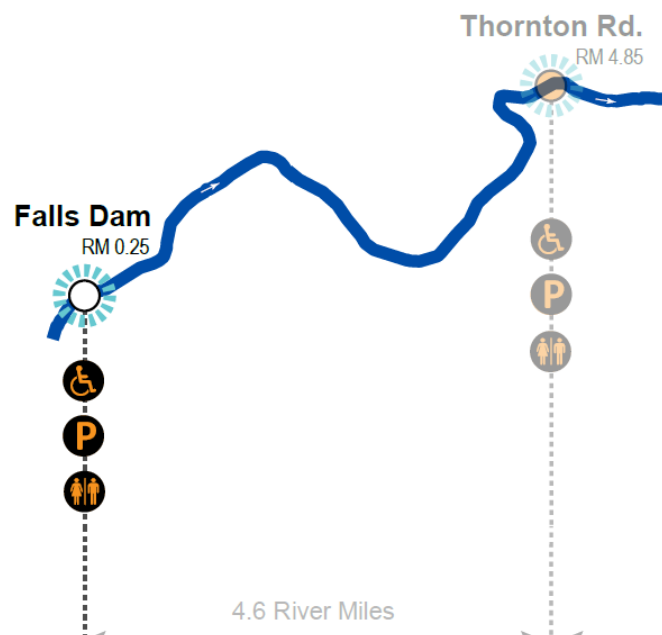
**EXISTING PARKING:** 39 SPACES

**SITE CONCERNS:** LAUNCH DAMAGES BOATS & LIMITED PARKING

### PROPOSED IMPROVEMENTS:

**SHORT TERM:** IMPROVE LAUNCH FOR INCREASED SAFETY AND ACCESSIBILITY—EVALUATE SITE FOR FEASIBILITY OF CONCRETE RAMP OR BOAT SLIDE

**LONG TERM:** DEVELOP ADDITIONAL FACILITIES IN COORDINATION WITH FUTURE MASTER PLANNING AND SITE DEVELOPMENT



## Falls Whitewater Park Feasibility Study

The master plan process will include an investigation into the current feasibility, desirability, anticipated cost estimates, permitting and regulatory requirements, and potential tradeoffs involved with any proposed in-stream construction.

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*It is anticipated that the Neuse River Park Master Plan will include strategies and interventions to provide greater public access to the Neuse River itself, which may or may not include the construction of features proposed in the 2011 Falls Whitewater Park Feasibility Study.*

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The concept for constructing whitewater features in the Neuse River below the Falls Dam has been in consideration at various times since the dam was constructed in 1978. The 2011 Falls Whitewater Park Feasibility Study (see Appendix D page 527) included a conceptual plan for a proposed whitewater park, to be developed within approximately 600 feet of the Neuse River, beginning in the southern channel of the river, immediately east of the Falls of Neuse Road bridge.

The whitewater course was proposed to take advantage of the bedrock river bottom that dominates the geology of the site. The proposed structures would be built of faux rock, to simulate the appearance of the river's natural rock, and would span the river, creating hydraulic formations. The project would be located just downstream of Falls Lake Dam, where the river bifurcates at a large island into two distinct channels. The South Channel was the desired location for whitewater features; however, it receives the minority of the river flow. Based upon 2D analysis, approximately 1,500 cfs total river flow would be needed for the South Channel to receive 200 cfs (the lower acceptable range for boating, according to the criteria). Three different options for diversion weirs were presented in the feasibility study, including a fixed crest diversion, movable crest (mechanical weir) diversion, and smaller fixed crest diversion. The preferred method would be the smaller fixed crest diversion, which would leave more flow in the river and attempt to match the performance of the movable crest diversion.

Access improvements proposed in the Falls Whitewater Park Feasibility Study conceptual plan included a new put-in (just upstream of the Falls of Neuse Road Bridge) and a take-out at the downstream-most pool at the end of the whitewater improvements. Additional river access at various points along the whitewater course, together with a hardened area at the water's edge along the southern bank, would allow for broader access by the general public, in addition to whitewater paddlers. The conceptual plan also proposed additional restroom facilities, parking, and improvements to accessibility and circulation.

Following completion of a feasibility study and concept plan in 2011, PRCR staff began the process of environmental and regulatory permitting prerequisite to final design and construction of the proposed Falls Whitewater Park. Due to insufficient funding necessary to complete the full scope of required regulatory permitting, as well as additional uncertainty raised by the 2017 designation of the Neuse River as critical habitat for endangered species and removal of Milburnie Dam downstream, work on the Falls Whitewater Park project was suspended.

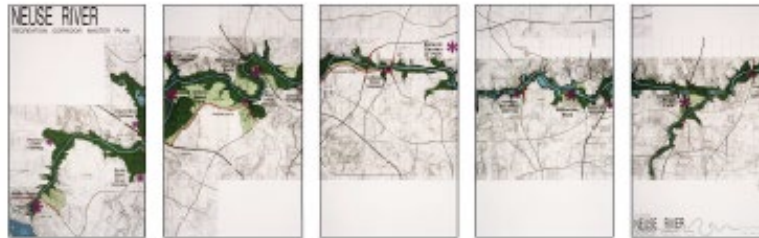
Additional information on the Falls Whitewater Park Feasibility Study is available in the Pre-Development Assessment Plan (see Appendix D page 527). A full copy of the Falls Whitewater Park Feasibility Study is also included in the appendix to this document (see Appendix D page 527).

## Neuse River Regional Plan

The Neuse River Regional Plan was completed in 1996 with the initial objectives to develop a comprehensive recreation master plan for an eighteen mile stretch of the Neuse River from Falls Lake Dam to Poole Road. The planning process quickly revealed an essential and exciting relationship between recreational opportunities and the river's environmental context. Thus, the primary objective for the whole project is the conservation of the river while incorporating recreational opportunity within the framework of the river's environmental systems.

The Neuse River Regional Plan introduces the concept of 'Arrival Parks' on page 65, and describes them as "destination facilities in themselves, as well as access points to the [Neuse River] Corridor, with a range and scope of recreational facilities typical of a Community or Metro Park within the Raleigh Parks System." Neuse River Park, as considered for this project, is designated as an Arrival Park on page 86 of the Neuse River Regional Plan and is referred to as 'Falls Park'.

City of Raleigh



## Mountains to Sea Trail

The Mountains to Sea Trail (MST), a remarkable 1175-mile trail spanning from the Great Smoky Mountains to the Outer Banks, serves as a vital connector between numerous trail systems and notable natural areas. The Neuse River Greenway Trail comprises 32 scenic miles of this extensive trail network, forming a significant backbone that contributes to the overarching goal of linking diverse trail systems and showcasing the stunning landscapes of North Carolina, from the mountains to the sea.

FIGURE 7: MOUNTAIN TO SEA TRAIL



### FUN FACTS ABOUT THE MST

Was proposed in 1977 and added to the state park system in 2000

The MST is North Carolina's state trail and longest marked footpath

Takes approximately 2,112,000 footsteps to complete

Climbs both the tallest mountain peak and the highest sand dune in the Eastern United States

Highest elevation: 6,684 feet – on Mt. Mitchell

Lowest elevation: sea level – Cape Hatteras National Seashore

Passes through 37 counties

Passes through four national parks and two national wildlife refuges

Connects to ten state parks

Meanders through three national forests

Passes three lighthouses, including the nation's tallest

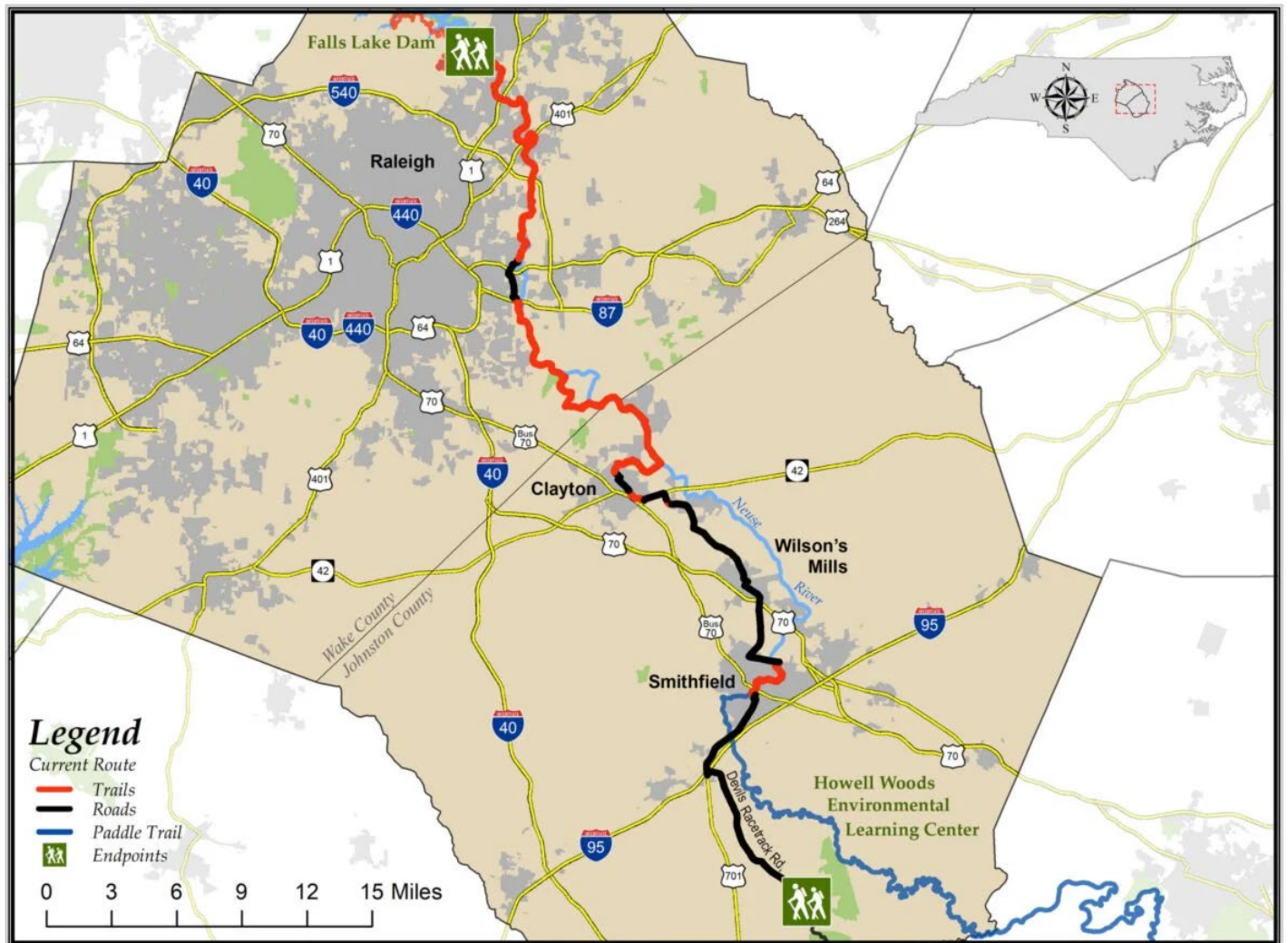
Includes two ferry rides

1,100+ volunteers worked more than 44,000 hours to build and maintain the trail in 2022

The Mountains-to-Sea Trail showcases the diversity of North Carolina's natural beauty from the Appalachian Mountains to the Atlantic Ocean

The Neuse River Greenway Trail is part of the Mountain to Sea Trail Segment 11: Neuse River Greenway & the Let'Lones. The beginning of this trail segment is at the Neuse River Park site.

**FIGURE 8: MOUNTAIN TO SEA TRAIL SEGMENT 11: NEUSE RIVER GREENWAY & THE LET'LONES**





## Greenway Master Plan

The Neuse River Greenway Trail crosses the Neuse River Park property and connects it to nearby park properties, including Abbotts Creek Park, the Thornton Road Property, and Horseshoe Farm Nature Preserve. There are proposed, future greenway trail connections in the vicinity of the Neuse River Park property, including the Richland Creek Corridor and an extension of the Honeycutt Creek Greenway Trail to the current northern terminus of the Neuse River Greenway Trail. The existing Wakefield Greenway Trail is also nearby; pedestrian connectivity to this trail is explored in the Wakefield Small Area Study. A map showing Greenway Connections from the Wakefield Small Area Study, shown on page 16, demonstrates the plans to connect this trail to the larger greenway network through side-paths and multi-use paths within the right-of-way of Falls of Neuse Road.

The Neuse River Greenway Trail begins at the Neuse River Park and is already a considerably popular destination in the City of Raleigh. Utilizing trail counters along the Neuse River Greenway Trail (close to Royal Forest Drive), yearly trail usage of this section is summarized in Table 1, below.

**TABLE 1: TRAIL COUNTER DATA FOR THE NEUSE RIVER GREENWAY**

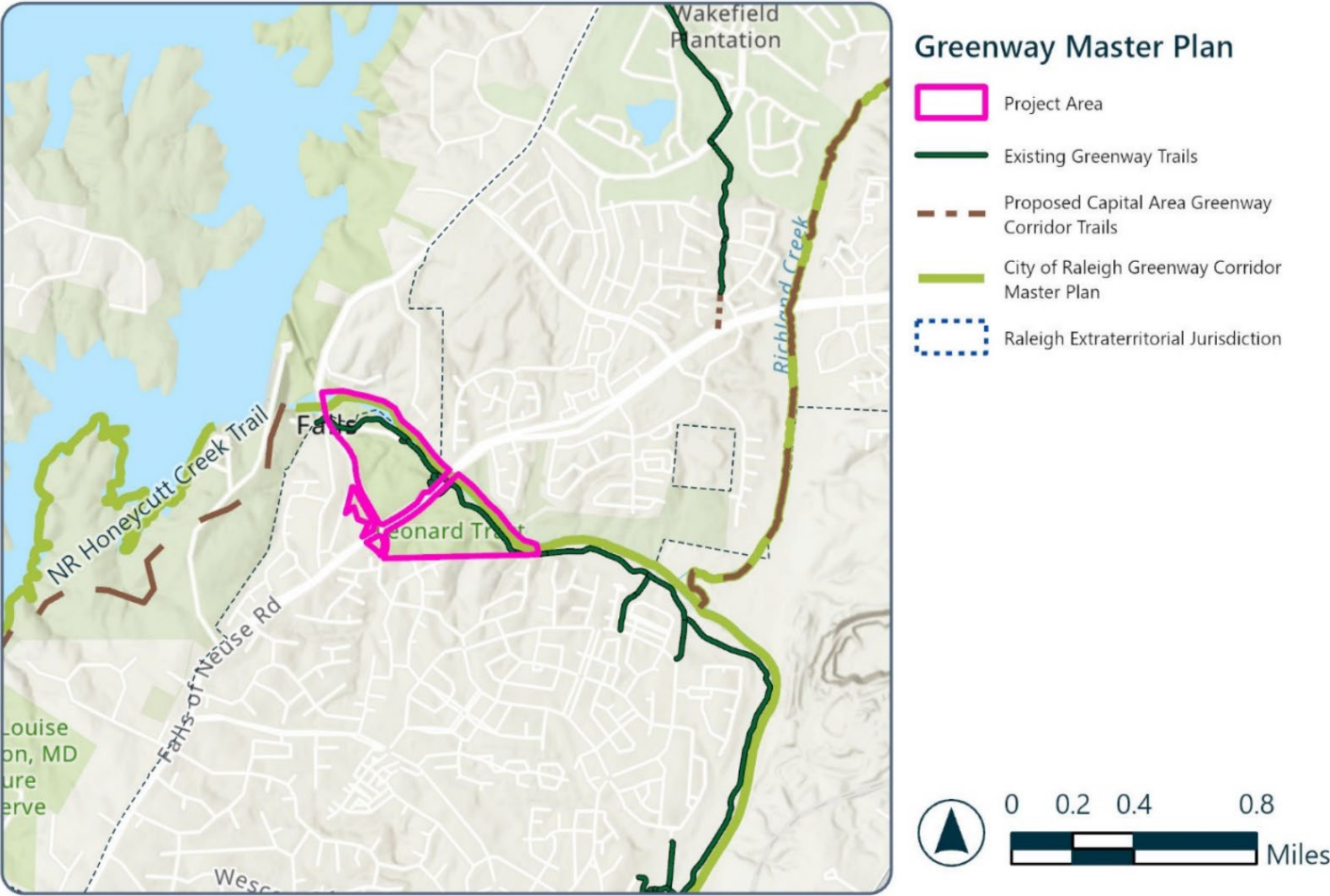
Fiscal Year Trail Utilization - Neuse River Trail at Royal Forest Dr		
Period	Total Users Counted	Notes:
7/1/2018 - 06/30/2019	182,791	-
7/1/2019 - 6/30/2020	260,789	-
7/1/2020 - 6/30/2021	277,936	-
7/1/2021 - 6/30/2022	146,195	Out of service from Jan to April of 2022
7/1/2022 - 6/30/2023	214,843	Out of service from mid December 22 to mid Jan of 23

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*Integration of the Neuse River Greenway Trail will be a key focus of the master planning process for the Neuse River Park.*

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FIGURE 6: GREENWAY MASTER PLAN MAP



## Wakefield Small Area Study

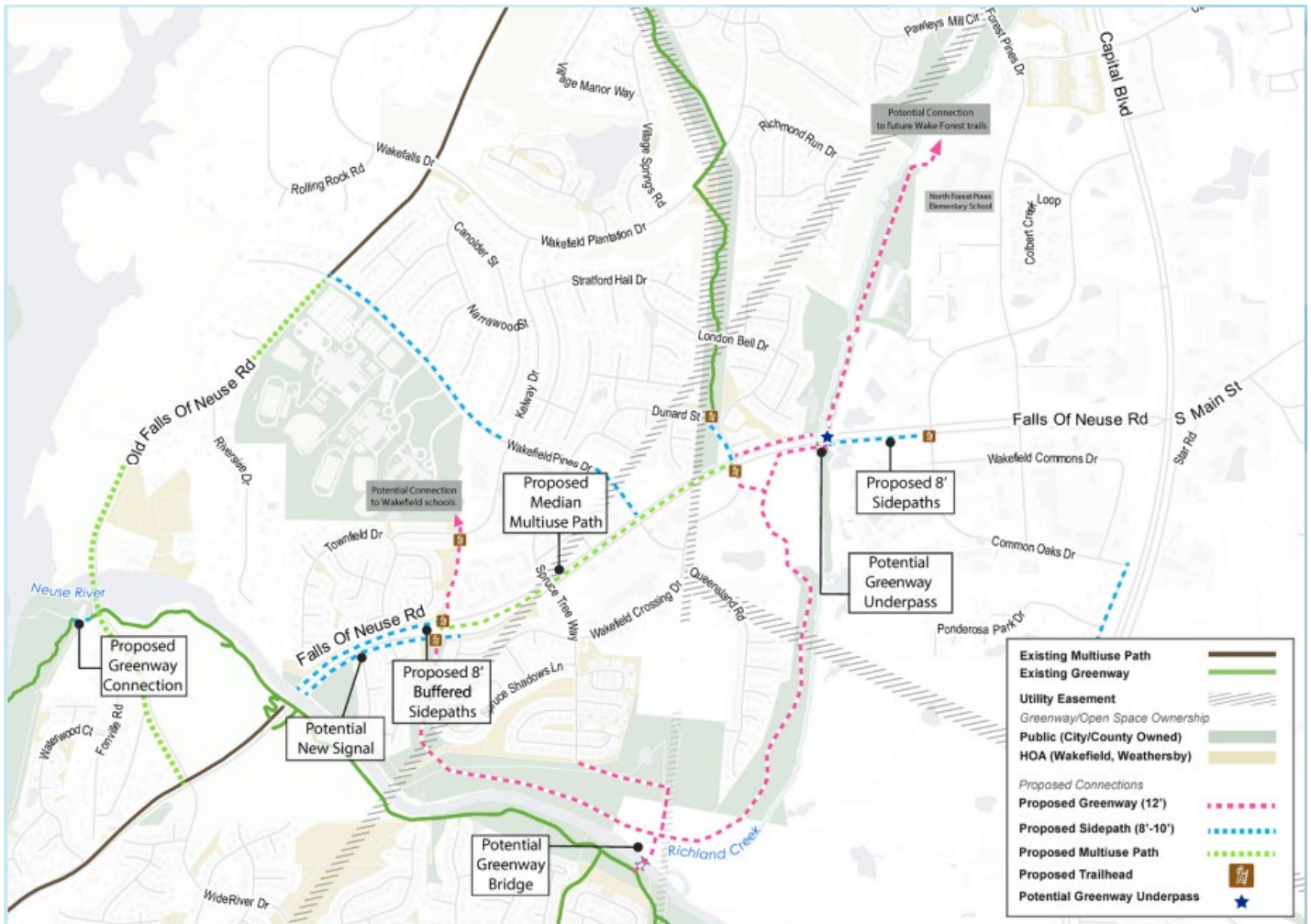
The [Wakefield Small Area Study](#) focuses on an area in North Raleigh, between Falls Lake and the Town of Wake Forest. The study area includes Falls of Neuse Road from the Neuse River to Capital Boulevard/US-1. It also includes Wakefield Pines Drive, Forest Pines Drive, and surrounding areas.

The study identified projects and policies that support community goals to improve traffic, safety, walkability, and connections to greenways. With this primary aim of increasing transportation safety, the study also discussed the need for improvements to walkability and creation of a sense of destination in the Wakefield area.

The study recommends for projects in the Wakefield area to:

- Add multi-modal connections
- Encourage slower car speeds through street design
- Increase access to natural resources

**FIGURE 10: GREENWAY CONNECTIONS MAP FROM WAKEFIELD SMALL AREA STUDY**





## [Falls North Area Plan](#)

The [Falls North Area Plan](#) provides policy guidance for land use, transportation, and urban design decisions for some of Raleigh's northernmost neighborhoods. It also sets out a list of actions aimed at improving transportation and park facilities, as well as creating a stronger identity for the area. The plan study area extends along the Falls of Neuse Road corridor, north from Durant Road to the Neuse River. The bounds of the study area were drawn to include civic and institutional uses, undeveloped lots that have frontage on major streets with the potential to be developed, and natural areas along the Neuse River. Along the corridor, extensive vegetation and natural amenities give the area a distinctive sense of place.

The Falls North Area Plan recommendations primarily fit within three main themes, which align with the area's growing identity as a hub of outdoor activity and natural beauty. The themes, and corresponding policies and actions, build on the foundation of the earlier Falls of Neuse Corridor Plan and respond to issues and opportunities raised during this planning process:

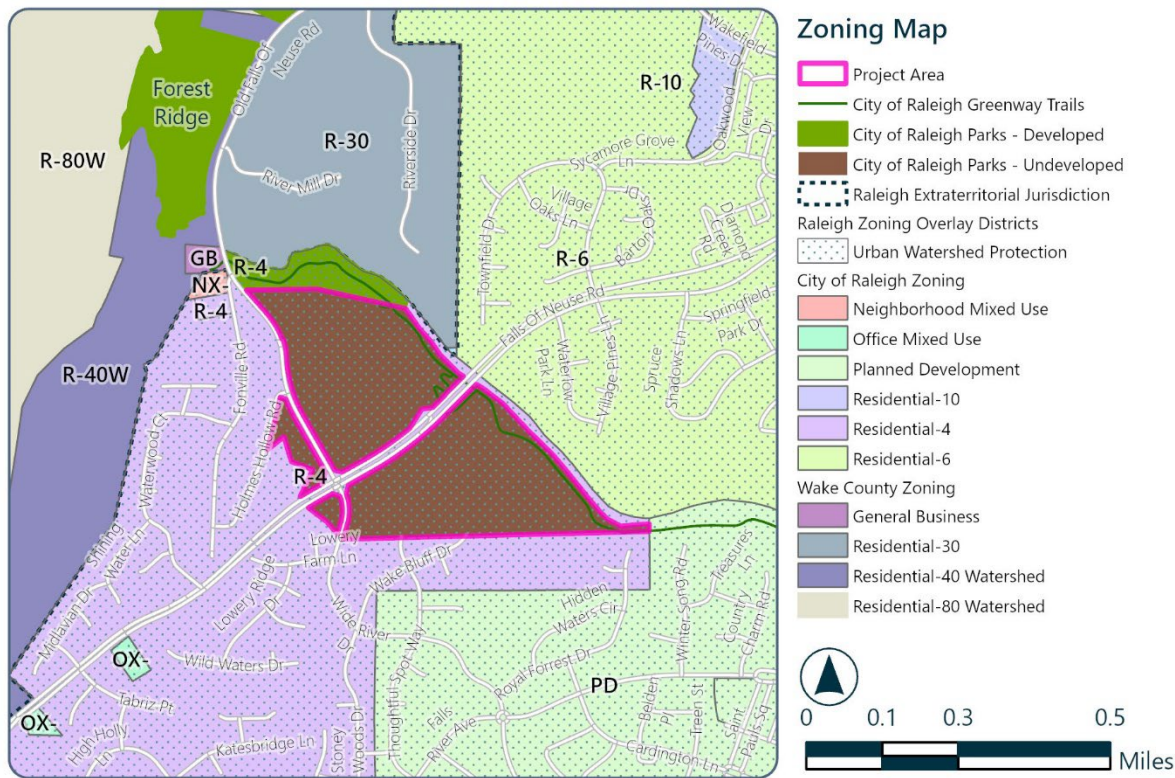
- **Park-like Character** refers to recommendations for maintaining the wooded feel of the corridor and ensuring that the design of new development enhances the appearance of the area
- **Active Living** involves a suite of improvements to the bicycle and pedestrian network, including enhanced greenway access and connectivity and improved pedestrian comfort and safety at intersections
- **Recreation Hub** is a collection of actions designed to add to the area's already extensive collection of public park facilities and to build on its identity as a hub of natural spaces

There are several action items outlined in the Falls North Area Plan that should be taken into consideration during the master planning process for Neuse River Park.

## Current Zoning

The zoning designations around Neuse River Park are a mix of Raleigh zoning and Wake County zoning. The current zoning is primarily residential, including R-4, R-6, R-10, R-30, R-40W, and R-80W zoning designations. The W suffix is a Wake County zoning code, designating the area as a watershed, similar to the zoning overlay district that Raleigh has in the area for Urban Watershed Protection. There are small pockets of Office Mixed Use (OX) zoning along the Falls of Neuse Road corridor. To the west of the Canoe Launch at Falls Dam, there are two small parcels zoned Raleigh - Neighborhood Mixed Use (NX) and Wake County – General Business (GB). To the southeast of the Neuse River Park property is an area zoned as Planned Development (PD), which means it was developed as a large residential neighborhood, and offers more public benefits as outlined in the Comprehensive Plan than would a development produced under the typical standards. For more information about the Future Land Use of this area, consult the Pre-Development Assessment Plan found in Appendix D page 527.

**FIGURE 9: CURRENT ZONING**



## Park Experiences

The following tables provide information regarding which park experiences are currently provided by other parks in this area of the city, as well as which park experiences are *not* currently available to residents in this vicinity. This information can be used to guide the future master planning of the Neuse River Park. Experiences included in the Neuse River Master Plan should be consistent with the vision and goals established for Neuse River Park and should serve the needs of the immediate community, while also complementing the facilities and amenities provided by other units of the park system in this area.

This data does not represent an exhaustive list of all potential park experiences. Raleigh Parks currently tracks 100 individual park experiences across Raleigh Parks' system-wide asset inventory. Many potential park experiences (for example, futsal, ropes course, etc.) are not necessarily tracked in the park experiences inventory at this time.

This analysis can be used as a starting point for considering which park experiences this particular area of the city may have a deficit of, but should not be considered prescriptive. Additional types of park experiences beyond those included on this list can and should be considered during the master plan process.

The table below provides a list of park experiences that **are not** currently provided by any City of Raleigh parks within a 5-minute drive radius of Neuse River Park. This list represents some of the potential experiences that are currently "missing" from the park and recreation opportunities provided in this area. The experiences in this list should be considered for inclusion in the master plan, as they would provide new, unique opportunities for residents in this vicinity.

**TABLE 2: PARK EXPERIENCES NOT WITHIN A 5-MINUTE DRIVE RADIUS OF NEUSE RIVER PARK**

Aquatic Center	Historic Site
Arts Center	Boat Rentals
Neighborhood Center	Basketball - Indoor (Half Court)
Teen Center	Basketball - Outdoor (Half Court)
Concessions	Batting Cage
Computer Lab	Multipurpose Court
Indoor Stage	Pickleball Court - Outdoor
Bocce	Volleyball - Grass
Handball	Amusement Train
Horseshoe	Carousel
Outdoor Game Tables	Fitness Station/Equipment - Outdoor
Table Tennis - Indoor	Kiddie Boat Ride
Table Tennis - Outdoor	Pedal Boats
Throwing Pit - Discus/ Shotput	Track - Non-Competitive/Lined
Community Garden	Track - Competitive/Lined
Cistern	Walking Path
Constructed Wetland	BMX Track
Green Roof	Inline Skating
Historic Signage	Skate Park

Table 3, on the following page, provides information on park experiences that **are** already provided within a 5-minute drive radius of this property. When planning for development of Neuse River Park, it may not be necessary to duplicate some of the facilities and amenities already provided within a 5-minute drive radius of this site.

Table 4, found in Appendix A on Page 42, lists all park experiences currently provided within a larger 5-mile radius of this site. This information can be used to further inform the future master plan of Neuse River Park.

**TABLE 3: PARK EXPERIENCES WITHIN A 2-MILE RADIUS OF NEUSE RIVER PARK**

<b>Experience</b>	<b>Park Providing the Experience</b>
Bike Repair Station	Canoe Launch at Falls Dam, Forest Ridge
Car Charging Station	Annie Louise Wilkerson, MD Nature Preserve
Comfort Station	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Green Hills County Park
Grill	Forest Ridge
Educational Signage	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Outdoor Water Fountain - People	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Green Hills County Park
Environmental Education Center	Annie Louise Wilkerson, MD Nature Preserve
Library Room	Annie Louise Wilkerson, MD Nature Preserve
Disc Golf	Forest Ridge
Pollinator/ Native Garden	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Bio-Retention Pond/Rain Garden	Annie Louise Wilkerson, MD Nature Preserve
Permeable Pavement	Annie Louise Wilkerson, MD Nature Preserve
Historic Exhibit	Annie Louise Wilkerson, MD Nature Preserve
Historic Structure	Annie Louise Wilkerson, MD Nature Preserve
Museum	Annie Louise Wilkerson, MD Nature Preserve
Visitor Center	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Canoe & Kayak Launch	Canoe Launch at Falls Dam
Fishing Access	Forest Ridge
Wildlife Viewing	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Green Hills County Park
Nature Education	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Nature-Oriented Exhibit	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Nature-Oriented Educational Signage	Annie Louise Wilkerson, MD Nature Preserve, Canoe Launch at Falls Dam
River	Canoe Launch at Falls Dam
Lake	Forest Ridge
Pond	Annie Louise Wilkerson, MD Nature Preserve
Wetland	Green Hills County Park
Creek	Annie Louise Wilkerson, MD Nature Preserve, Green Hills County Park
Other Natural Water	Annie Louise Wilkerson, MD Nature Preserve
Open Play Field	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Rock Climbing/Bouldering	Annie Louise Wilkerson, MD Nature Preserve, Green Hills County Park
Park Bench	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Green Hills County Park
Picnic Table	Annie Louise Wilkerson, MD Nature Preserve, Canoe Launch at Falls Dam, Forest Ridge, Green Hills County Park
Picnic Shelter	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Green Hills County Park
Playgrounds: 2-5	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Green Hills County Park
Playgrounds: 5-12	Forest Ridge, Green Hills County Park
Playgrounds: Nature-Oriented	Annie Louise Wilkerson, MD Nature Preserve
Trails - Paved	Canoe Launch at Falls Dam, Forest Ridge, Green Hills County Park
Trails - Natural Surface/Unpaved	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Green Hills County Park
Trails - Loop	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Green Hills County Park
Mountain Bike Trails	Forest Ridge, Green Hills County Park

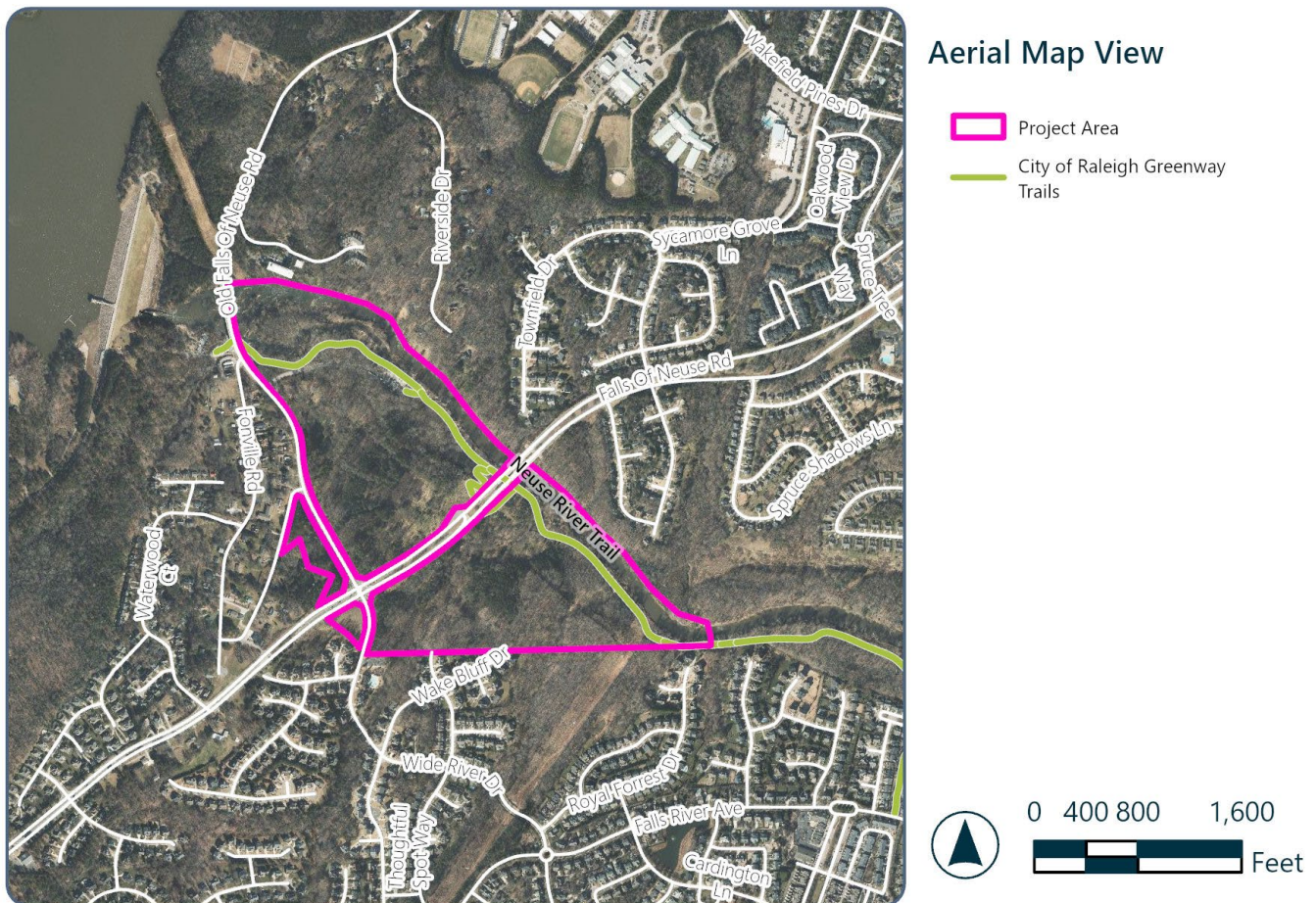


## Site Analysis

There are entrances to the Neuse River Park from the north, off Old Falls of Neuse Road, and from Falls of Neuse Road. There is no current parking onsite; however, there is existing parking at the Canoe Launch at Falls Dam.

The landscape of the Neuse River Park property is mostly forested, with a few fields in the north and a creek & wetland area on the southern portion of the site. The northern portion of the property includes a former homestead site, which is evidenced not only by plant species but also by some remaining infrastructure (such as dilapidated fences and fence posts). The southern section of the site appears to have experienced less development and offers natural resource habitats with more integrity than those found in the northern half of the site.

FIGURE 11: AERIAL MAP VIEW

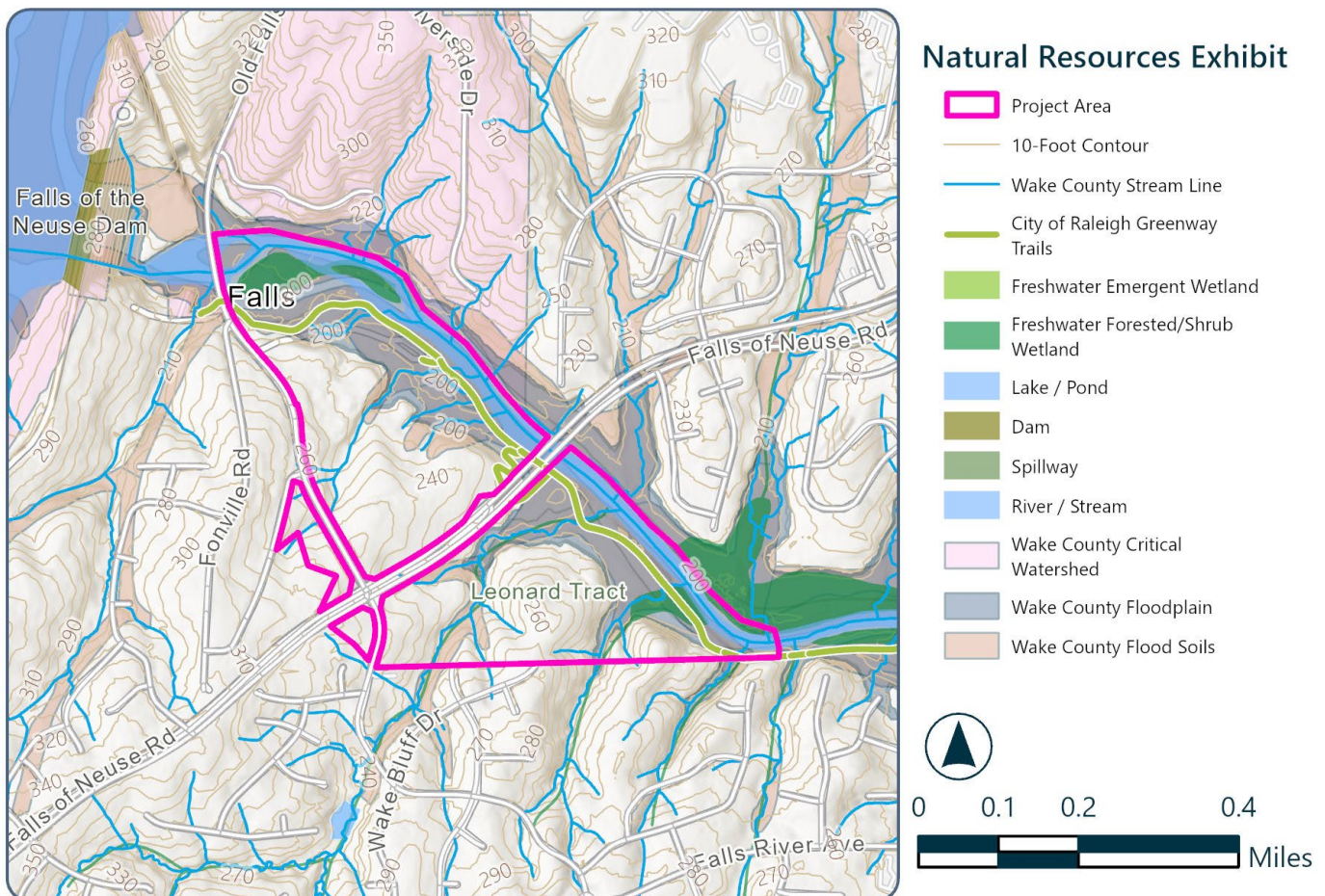


*The Neuse River flows adjacent to the eastern boundary of the Neuse River Park property, representing the most significant hydrological feature of the site.*

Approximately 21 acres of the tract is located within the 100-year floodplain, with roughly 5.8 acres of floodway, which is subject to frequent flooding. All of the additional hydrological features of the property, including a blue line stream and multiple stormwater channels, drain from the west/southwest to the east/northeast and discharge into the Neuse River.

The site has some gently sloping areas (0-8.75%), especially in the northern parcel; however, significant portions of the site are characterized by steep slopes (38%-60%) and very steep slopes (>60%), especially in the southern parcel. The natural topography of the site will heavily influence the developable area and may dictate site programming. Hiking and biking trails, as well as other forms of low-impact recreation that can take advantage of this topography, should be considered.

**FIGURE 12: NATURAL RESOURCES EXHIBIT**



Further site analysis, including detailed natural resource inventorying & a preliminary site-suitability analysis, can be found in the Pre-Development Assessment Plan in Appendix D page 527.



## Community Framework

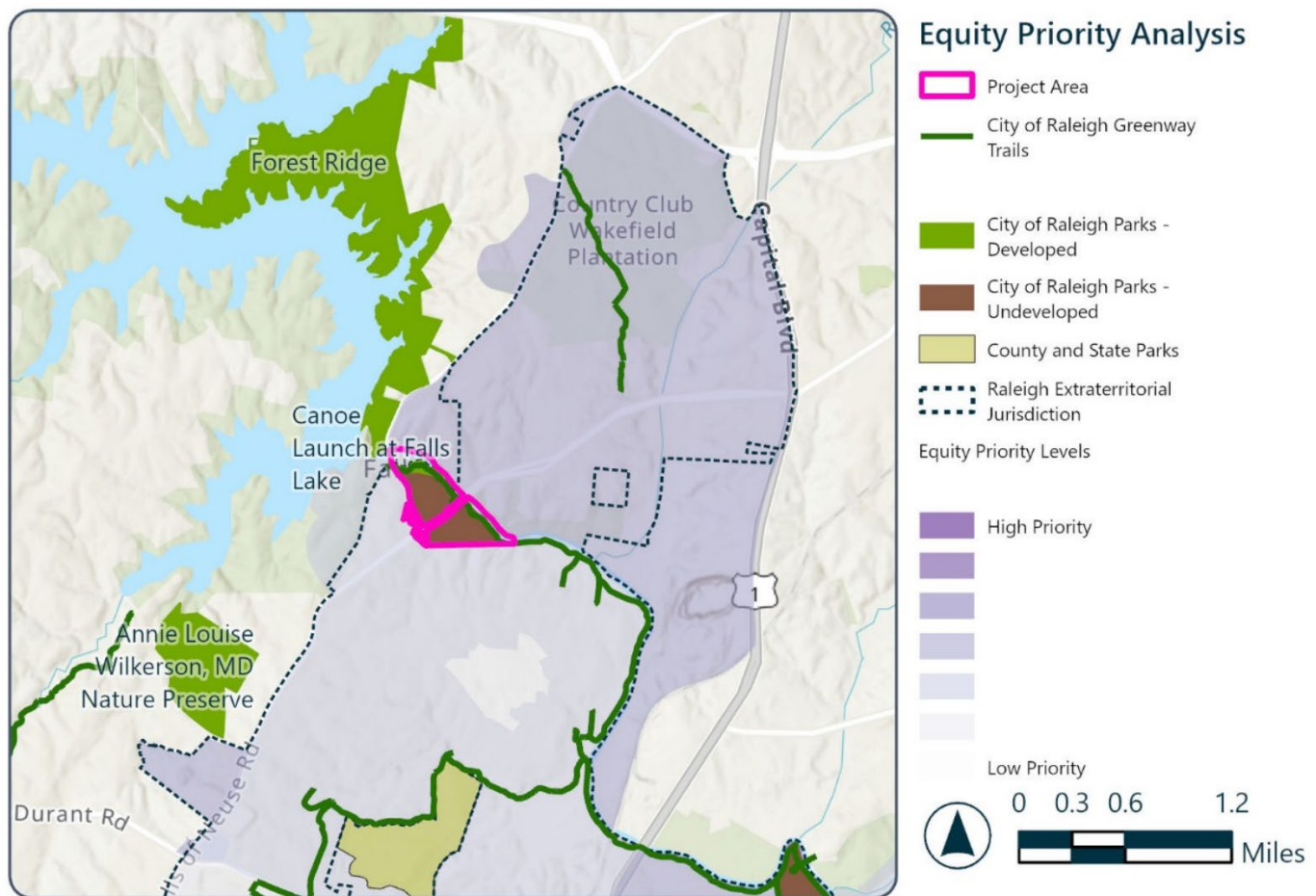
Equity Prioritization can be determined by analyzing five key indicators of community health and well-being, as defined by Wake County Human Services' Community Vulnerability Index:

- **Unemployment:** Population age 16 and over who are unemployed in the civilian labor force
- **Low Educational Attainment:** Population over age 25 who have less than a high school diploma
- **Age Dependency:** Population under the age of 18 and over the age of 64 combined
- **Housing Vacancy:** The total number of vacant or unoccupied housing units in a block group
- **Poverty Rate:** The population living below the federal poverty threshold in Wake County

Communities exhibiting a high concentration of these five demographic and socioeconomic indicators are more likely to experience negative health outcomes such as heart disease, obesity, chronic stress, and depression—outcomes which can be mitigated with better access to high-quality open spaces, outdoor recreation, and safe places to play and exercise.

Prioritizing investments in these communities helps ensure that Raleigh Parks sites, facilities, and programs are more accessible to the communities that will benefit most from these public resources.

FIGURE 13: EQUITY PRIORITY ANALYSIS





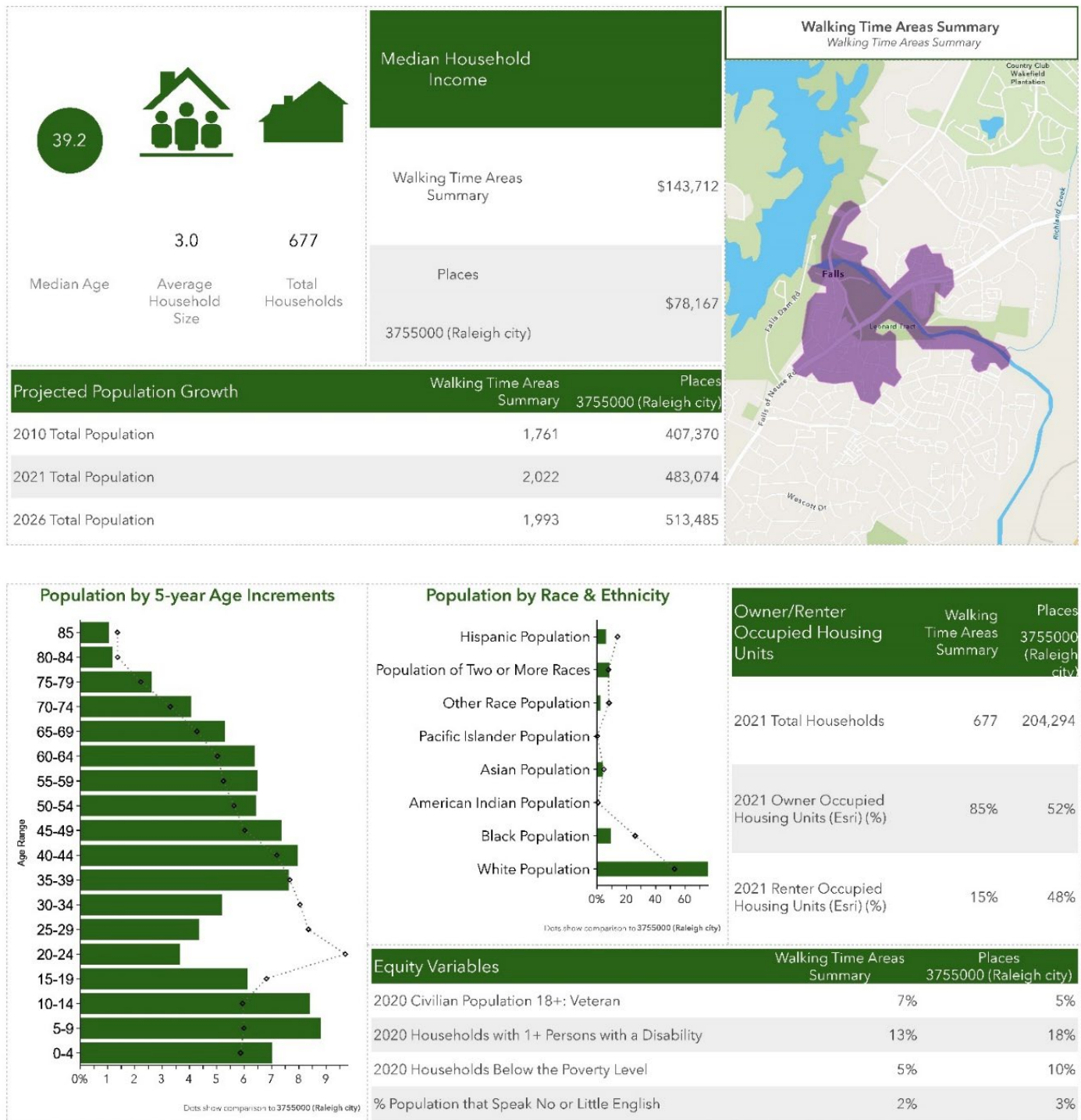
## Demographic Analysis

A demographic analysis determines the best methods for engaging residents within the project outreach area and additional resources that may be required. By determining the diversity of a community, engagement staff can create participation methods that can engage different stakeholders productively and create a more inclusive engagement environment.

Demographic Profile Engagement Considerations	
<b>Race</b> 	<p>If there is a notable presence of people of color and/ or immigrant groups, then consider the following:</p> <ul style="list-style-type: none"> <li>• Are there any cultural, religious, political, or historical factors that may influence or serve as barriers to their engagement? (ex: appropriate meeting venues, meeting times/dates, perception of safety in government interactions, etc.). If possible, consider contacting community leaders to identify best methods to engage these groups.</li> <li>• Is it possible that these groups could be disproportionately or adversely impacted by the final decision? If yes, consider conducting small group meetings with these groups to identify ways to avoid or mitigate potential negative or adverse impacts.</li> </ul>
<b>Poverty</b> 	<p>If there is a notable presence of low income and/or zero car households, consider:</p> <ul style="list-style-type: none"> <li>• Holding meetings at multiple times of day and on weekends to accommodate shift workers.</li> <li>• Holding meetings in geographically accessible locations and/or providing transportation to/from meetings.</li> <li>• Offering child care and refreshments.</li> <li>• Ensuring that all online outreach uses mobile friendly platforms and do not require application downloads to view.</li> </ul>
<b>LEP</b> 	<ul style="list-style-type: none"> <li>• According to N.C. Department of Transportation standards, if at least 50 adults of a Block Group's population within a language group speak English less than very well, then it is recommended that oral interpreters be provided at meetings and targeted media advertising be used to reach these individuals.</li> <li>• Federal guidelines state that if a language group that speaks English less than very well exists within the outreach area that either has 1,000 adults or makes up 5% of the aggregate population (with at least 50 adults), then translated meeting and notification materials should be provided.</li> </ul>
<b>Disability</b> 	<p>After reviewing disability status data, if there are residents with disabilities within the project outreach area, consider:</p> <ul style="list-style-type: none"> <li>• Providing American Sign Language (ASL) interpreters at public meetings by participant request (see the access to language services and disability accommodations statement on p. 5).</li> <li>• Following ADA accessible recommendations for print and visual materials.</li> <li>• Providing phone-in lines or video conferencing sessions for public meetings.</li> <li>• Providing staff to assist disabled participants.</li> <li>• Holding meetings in accessible venues.</li> <li>• Including a request for accommodations statement on all meeting notices.</li> <li>• Following Web Content Accessibility Guidelines 2.0 (WCAG 2.0) for all online meeting content.</li> </ul>
<b>Age</b> 	<p>If there is a notable presence of senior residents, consider:</p> <ul style="list-style-type: none"> <li>• Limiting the use of online or social media outreach and instead use direct mailers.</li> <li>• Following ADA accessible recommendations for print and visual materials.</li> </ul> <p>If there is a notable presence of youth, consider:</p> <ul style="list-style-type: none"> <li>• Incorporating methods to obtain their input through essays, poster contests, video submissions, or interactive visioning exercises during public meetings.</li> </ul>
<b>Housing</b> 	<p>If there are renters living in the project outreach area, consider:</p> <ul style="list-style-type: none"> <li>• Ensuring that all mailed notices are sent to the property owner AND physical address.</li> <li>• Asking apartment property managers to distribute notices using their communication channels and/or to host popup events to allow the project team to engage residents.</li> </ul>

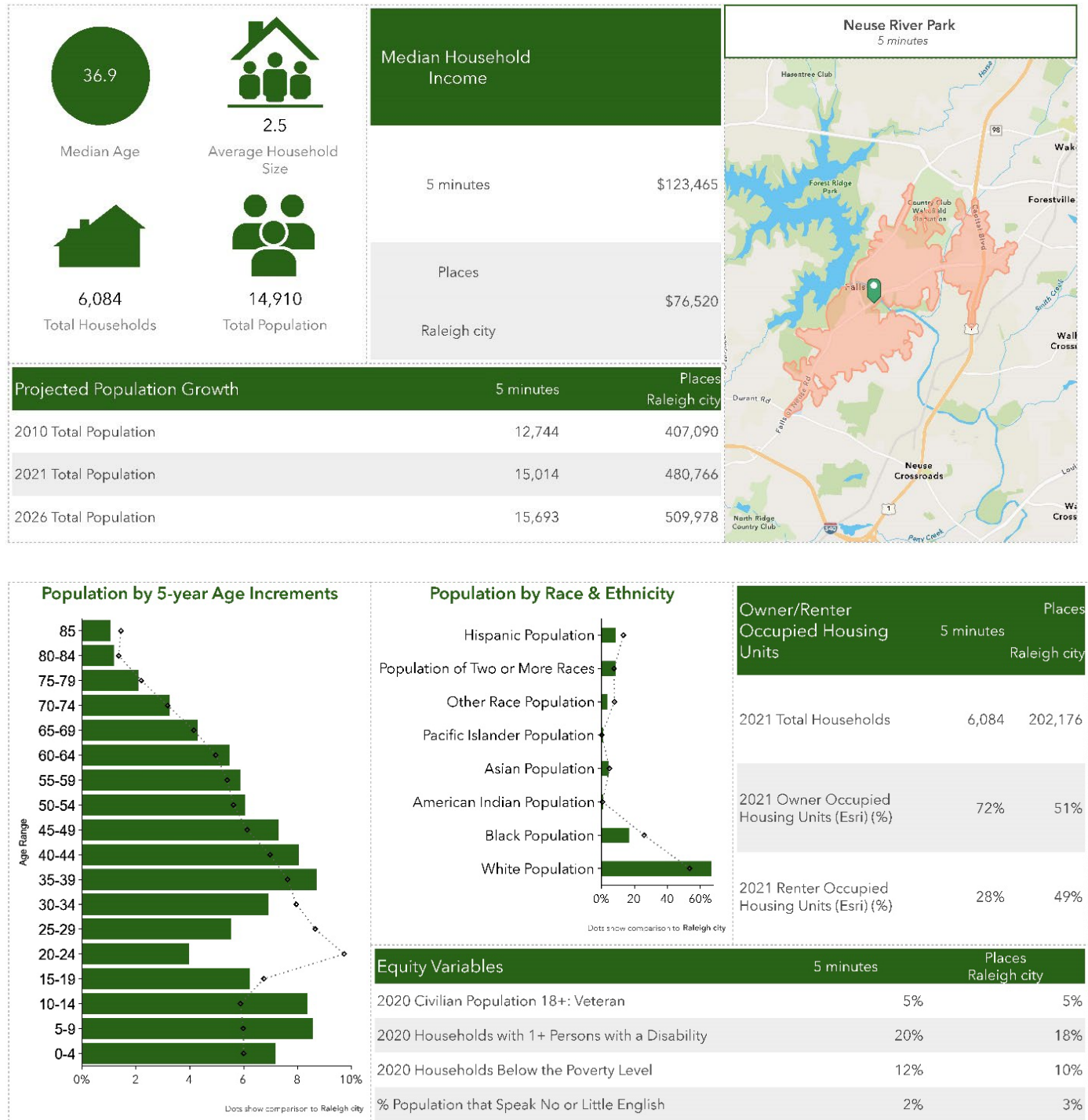
There are 2,022 people living within a ten-minute walk of the Neuse River Park property. This population has a much higher median household income and has a larger white population than the average of the City of Raleigh. This area has significantly more 0-15 year-olds and 40-75 year-olds than the average in the City of Raleigh and has significantly less 20-35 year-olds than the average. Within this population, 85% of people own their home (as opposed to renting), 13% of households have at least one person with a disability, 5% of households are below the poverty level, and 2% speak limited to no English.

**FIGURE 14: TEN-MINUTE WALK DEMOGRAPHIC ANALYSIS**



There are 15,014 people living within a five-minute drive of the Neuse River Park property. This population has a much higher median household income and has a larger white population than the average of the City of Raleigh. This area has significantly more 0-15 year-olds than the average in the City of Raleigh and significantly less 20-35 year-olds than the average. Within this population, 72% of people own their home (as opposed to renting), 20% of households have at least one person with a disability, 12% of households are below the poverty level, and 2% speak limited to no English.

**FIGURE 15: FIVE-MINUTE DRIVE DEMOGRAPHIC ANALYSIS**





## Community Summary

As part of the Community Advisory Group Interest Form, applicants were asked to describe their community. This section of the Situation Assessment summarizes these answers, covering a wide range of communities that will utilize the park. All applications are available in Appendix C on page 50.

- “I would anticipate my neighbors are not going to be thrilled by any project that invites additional non-residents into the area.”
- “Many of the residents are active in the outdoors. Several are runners and make use of the existing pedestrian entrance off Falls of the Neuse into the greenway.”
- “There are several families with young children who intend to remain in the neighborhood for the long term.”
- “I’m an avid cyclist who utilizes the greenway for most bike rides with my kids.”
- “Concerned, involved and engaged in this planning process.”
- “There is a mix of families of all ages. Yet the population of families continue to move in with small children. There is a draw here to raise a family. “
- “I believe residents in this part of town feel neglected.”
- “Mostly retired or new families”
- “Our neighborhood is a close knit community.”
- “We are a friendly neighborhood that engages with one another. “
- “Younger, active families are moving in at a faster rate than other groups.”
- “I see the senior population as the biggest change to come as they down size and young families move in.”
- “People of this community enjoy biking, tennis, walking, birdwatching and I frequently see people kayaking and floating the river “
- “There are a lot of people who fish in this area, I don’t think they are likely represented by a larger organization, but there is even a fair amount of subsistence fishing that goes on in the river and at the dam. It would be great to have a representative from this user group as part of this committee. “

## Community Engagement

Public engagement fulfills the City’s commitment to Raleigh residents by defining goals, identifying the needs of communities, and determining key audiences. It creates an opportunity for City staff to ensure that the decisions made reflect the needs of residents and provides a platform for residents to guide those decisions.

Public participation can lead to well-informed decisions by allowing decision-makers have complete information – in the form of community knowledge, values, and perspectives, obtained from the public – that can be applied to the decision-making process. Decisions that incorporate the perspectives and expertise of all stakeholders are more achievable and sustainable because they consider the needs and interests of all participants, including vulnerable, marginalized, and/or underserved populations. In addition, public participation helps participants better understand project impacts to their community and creates opportunities for participants to become invested in the project outcomes.

### Level of Participation

Planning for the public participation process is a crucial step in ensuring that engagement efforts are effective. Defining the goals and objectives for the public participation process provides clarity about the engagement process. It is necessary to identify the role of the public and the level of its participation in the decision-making process, to determine what type of public engagement is needed to reach decisions

The **International Association for Public Participation (IAP2) Spectrum** was designed to assist with the selection of the level of participation that defines the public’s role and the public participation goal that will drive the engagement process. Each level of public participation and the accompanying goal on the spectrum suggests that a commitment is being made to the public and that the agency promises to take the identified action that will achieve the goal of the level selected.

FIGURE 16: IAP2 SPECTRUM



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*This project will be using the **Collaborate** level of participation. This emphasizes the partnership between community members and the City of Raleigh, wherein a level of decision-making control is delegated to the community involved.*

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City staff will partner with community members in each aspect of the decision, including the development of alternatives and the identification of the preferred solution. The promise to the public is, “We will look to the community for advice and innovation in formulating solutions and will incorporate the advice and recommendations into the decisions, to the maximum extent possible”. The Collaborate level of participation recommends utilization of a Community Advisory Group (CAG), a group that works in partnership with city staff and professional consultants to ensure that the park design and elements meet the specific needs and preferences of the community.

## Community Stakeholders

Community engagement planning for this project will acknowledge and reflect the existing public uses of the site.

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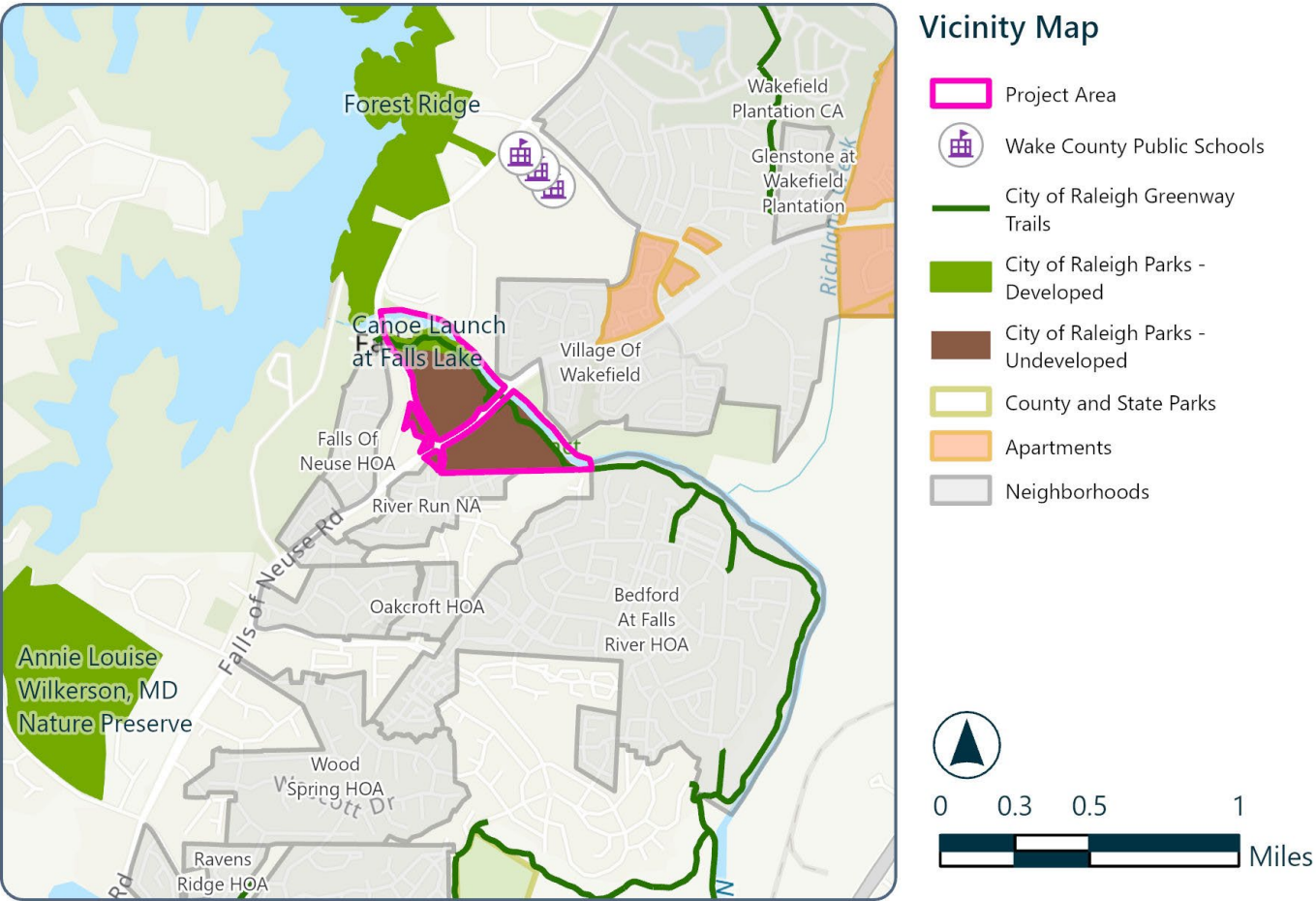
*The Neuse River is a unique resource that draws visitation from a multitude of diverse user groups that live well outside of the 5-minute drive service area.*

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Site visits and initial stakeholder conversations conducted by staff revealed a number of specific groups that should be considered and engaged with directly during the planning process, to understand how they currently enjoy the site and how the master plan process should reflect their preferences and aspirations. These groups include hikers and others that use unofficial social trails throughout the property, kayakers and others that use the tailrace area and southern channel of the river during periods of peak flow for whitewater rafting, and a substantial population of anglers who commonly fish from the bridges and banks along the river—many of whom are Spanish-speaking.

Additional community stakeholders identified for this project encompass a range of groups, including Homeowner's Associations (HOAs), apartment communities, nearby churches, Citizen Advisory Councils (CACs), Wake County Public Libraries, and Wake County Public Schools. These stakeholders were initially identified through GIS analysis, as seen in Figure 17, provided below. Furthermore, a significant amount of additional stakeholders/stakeholder groups were identified via the Community Advisory Group Questionnaire. In this questionnaire, participants were invited to suggest other key individuals or organizations to be included in the engagement process, further expanding the breadth of identified stakeholders.

FIGURE 17: VICINITY MAP & REGISTERED NEIGHBORHOODS



The identification of potential stakeholders is an important step in ensuring outreach and engagement efforts are effective, representative, and equitable. Stakeholders are typically individuals, groups, or communities who have a vested interest in, or affected by, the outcome of a project or decision.

The following groups were identified as potential community stakeholders and were explicitly invited to participate in the Community Advisory Group. Engagement with these groups will continue throughout the master planning process, regardless of membership on the Community Advisory Group.

**TABLE 5: COMMUNITY STAKEHOLDERS**

<b>Outdoor Recreation Special Interest Groups</b>	<b>HOAs &amp; Neighborhoods</b>	<b>Apartments</b>	<b>Latine &amp; Immigrant Groups</b>	<b>Other Community Groups</b>
Sound Rivers	Bedford	The Residences at Wakefield	El Centro para Familias Hispana	WCPSS: Wakefield Elementary, Middle & High Schools
Carolina Canoe Club	Dalton's Ridge	Gardens at Wakefield	El Pueblo	CACs: North, Midtown, & Atlantic
Carolina Kayak Club	Falls Pointe	Maystone At Wakefield Apartments	Consulado de Mexico	Wake County Social and Economic Vitality
Falls Whitewater Park Committee	Glenstone at Wakefield	Legacy At Wakefield	La Ley	Urban Land Institute
Oaks & Spokes	Oakcroft	Columns At Wakefield	Council on Immigrant Relations	Kerr YMCA
Wake Audubon	River Run	Wakefield Hills	ALPES	Lineberger's Tree Service
Great Outdoors Provision	Village of Wakefield		Wake County Human Services	Triangle Land Conservancy
Neuse River Outfitters	Big Wakefield		In-Stepp	NC State Parks, Recreation, and Tourism Management Program
Raleigh Fly Fishing	Little Wakefield		La Semilla	Brentwood Boys & Girls Club
American Canoe Association NC	Wood Spring		El Centro Hispano	Wake County Public Library
The Bike Guy	Wood Bridge			
	Fonville / Holmes Hollow			
	Falls River			
	Falls of Neuse			



## Draft Engagement Plan

This project will include three series of public engagement periods:

- **Initial Input:** We will work with the community to establish a shared understanding of the site & context, explore needs & priorities, and develop a Vision & Goals that will guide future phases of master plan development.
- **Draft Alternatives:** Based on community feedback during the Initial Input phase, we will develop several alternative concepts for how the park could be developed. Community engagement will focus on exploring the pros & cons of each alternative, helping us to move toward a final concept.
- **Draft Concept Plan:** Building on the insights gained from the previous phases, we will synthesize community feedback to craft a preliminary vision of the park's future. This Draft Concept Plan will reflect the priorities, preferences, and aspirations voiced by the community, weaving together the strengths of the Alternative Concepts. Following this phase, we will carefully refine and integrate the community's input to create a final, well-rounded concept plan that balances and aligns with the needs and desires expressed by the community.

Public engagement periods will include:

- Community Advisory Group Meeting - present draft plans for feedback + support before upcoming community engagement, and report back on results from previous community engagement activities
- Survey – generally open for two to four weeks, available online and hard copies available at nearby community centers, as well as other distribution methods to be determined by the Community Advisory Group
- Pop-Up Outreach – used as a direct way to engage people where they already are, using a table at an existing community event to provide information on the project
- Public Workshops - used to allow participants to work on an interactive exercise or activity to develop ideas and input
- Focus Groups – facilitated group interviews with a small group of individuals selected to represent either a stakeholder perspective or the diversity within a given community used to gather information and discuss a particular issue (e.g. in-stream construction)

The draft schedule is as follows:

Public Engagement Period	Engagement Tool	Tentative Dates
Initial Input	Survey	October-November 2023
	Pop-Up Outreach	October 2023
	Public Workshop	November 2023
	Community Advisory Group Meeting	November 2023
	Focus Groups	November 2023
Design Alternatives	Community Advisory Group Meeting	March 2024
	Online Survey	March 2024
	Pop-Up Outreach	March 2024
	Public Workshop	March 2024
Draft Concept Plan	Community Advisory Group Meeting	May 2024
	Focus Groups	May 2024
	Community Advisory Group Meeting	August 2024
	Survey	August-September 2024
	Pop-Up Outreach	September 2024
	Public Workshop	September 2024
Final Draft Master Plan	Community Advisory Group Meeting	October 2024
	Parks, Recreation and Greenway Advisory Board Meeting	November 2024
	Parks, Recreation and Greenway Advisory Board Meeting	December 2024
	City Council Meeting	January 2025

## Communication Strategies

Community engagement requires a variety of strategies to effectively reach stakeholders, engage key individuals, and encourage participation. Successful communication strategies consider the diversity of the audiences involved. To ensure that messages are received by and resonate with all community members, it is important to use multiple communication tools and channels.

Current communication strategies to promote the Master Planning process and CAG membership include:

### **Digital:**

- Project websites at [raleighnc.gov](http://raleighnc.gov) and [publicinput.com](http://publicinput.com)
- Social Media announcements
- Raleigh Parks weekly digital newsletter
- Mass email outreach to residents of 27614 and 27615 zip codes (based on previous participation on [publicinput.com](http://publicinput.com))
- Email outreach to identified community stakeholders

### **Print & In-Person:**

- Signs at the park site and adjacent street intersections (in English and Spanish)
- Posters at nearby parks, including Forest Ridge Park, Annie Louise Wilkerson MD Nature Preserve Park, and Abbotts Creek Park (in English and Spanish)
- Posters at Northeast Regional Library, a Wake County Public Library (in English and Spanish)
- Presentation at the North Citizen Advisory Council (NCAC)
- Meeting with NCAC and area residents hosted by Council Member Patton

Communication strategies planned for future engagement include:

- CAG working meetings
- Public Workshops and Open Houses (offered virtually and in-person)
- Pop-Up information table at community events
- Online surveys
- Mailer notifications for nearby residents
- Community Connectors program
- Intercept surveys and conversations with site visitors and greenway/blueway users

## Identified Stakeholder Concerns & Suggestions

Below is a summary of concerns and suggestions that staff have received about the Neuse River Park. Quotes below are pulled from email correspondence, meetings, and CAG applications. Full CAG applications can be found in Appendix C on page 50.

### Concerns

- Traffic
  - Vehicular safety
    - “Traffic is also a major concern for our community as speeding along Wide River is a problem.”
    - “Concerned about high speed traffic coming through the neighborhood on Wide River”
    - “Access to the park should NOT have extra cars driving through my neighborhood which already has a speeding problem.”
  - Traffic noise
    - “I walk the area on a daily basis and there is an almost constant din of traffic noise from Falls of Neuse Rd. The areas of the property closest to Falls of Neuse are really not conducive to a serene park-like experience. “
- Park Use & Greenway Use Conflicts
  - “Apart from the crossing under Falls of the Neuse Road, it's a tranquil stretch for a bike ride. So I hope that the tranquility will remain after the park is completed”
  - “And there should be some sort of barrier to prevent little children running across the trail to get to another part of the park. This would also be a safety issue for the children”
- Safety
  - “I have great neighbors but I am concerned about new people walking through my back yard.”
  - “Very concerned about traffic, crime and the impact of public access near our Community Center and HOA pool.”
  - “Maintaining safety and security of our property is of equal concern”
- Anti-Development Sentiment
  - “I do have some concerns about the direction of development in this city and would like to see the city grow with a more conservation and preservation-focused mindset.”

---

*“How do we get involved to hopefully stop this park from coming to our neighborhood?”*

---

### Suggestions

- Planning Process & Community Engagement
  - “I have been involved in enough like this I know that sometimes not everyone is happy with the projects. It's key to really ask questions and understand their concern so that can be thoroughly reassured and/or advocate of possible changes.”
  - “The hardest part of community engagement is attempting to engage underrepresented populations while balancing the impact of those that are highly engaged and may or may not have the ability to compromise or appreciate different perspectives.”
- Pedestrian Connectivity
  - “The residents are looking for access to the Neuse River Trail, we need safe access to the greenway.”

- “There is currently no sidewalk on Old Falls of Neuse Rd along the park property and it makes walking there very dangerous.”
- Natural Resource Preservation
  - “Being so close to the trail it would be great to preserve its natural beauty and compliment it with gardens, picnics areas, frisbee golf, playground, pavilions for parties.”
  - “I would like to see as little wildlife habitat as possible disturbed.”
  - “As a member of the Neuse River Greenway community, I feel that I have a civic duty to understand land development projects and advocate for the preservation of the local wildlife.”
- Co-locating the park with food vendors/ restaurants
  - “One of the things paddlers love to do after a paddle is meet somewhere afterward for a bite to eat.... consider how the park and its location fits into the surrounding area and what visitors to the park may want to do nearby in addition to their use of the park.”
  - “A local ice cream stand connected to the trail.”
- Riverfront Access & Views
  - “It is important to create a unique, and useful park that fully utilizes the riverfront for recreational activities.”
  - “I’m excited about a plan to create an outdoor water experience for the area.”
  - “White water kayaking center with kayak/tube rentals and pick up shuttle”
  - “I’m excited to see what the park plans are and how we can introduce the river to a larger audience”
  - “Another thing that would be lovely is something with a view overlooking the whole park... with a large deck with a view of the river and various activities.”
- Sustainability
  - “I think it's very important that this project lead on issues of sustainability, rehabilitating the river and keeping it cleaner and healthier, and reducing/reusing/recycling. I think a park like this, which will likely become a flagship city park, is a wonderful opportunity to engage visitors in those critical matters.”

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*“There are a variety of users groups who currently use and will hopefully use the site. I have experienced this site and the transformation of the area since before the greenway and new bridge have been in place. The access and improvements have opened the area to a whole new set of users and it is well loved by the community. This of course has come with some impacts including many new social trails, vegetation impacts, trash, and water quality impacts. That said I think the site is really an ambassador and gateway site to the greater community to access and recreate on and near the river. This is the start of the greenway, the start of a possibly blue way, and overall a wonderful respite from urban environments not far away. It also is really well loved by the youth. In fact this has been a well loved recreation and cultural site since the time of the Neusiok and Tuscarora. Raleigh has a unique opportunity to develop and engage all citizens with both the cultural and natural amenities of the site as well as the non-human flora and fauna who inhabit this critical corridor. For many citizens this spot may be their first introduction to the outdoors. I’d like to help make it a safe and welcoming place that appeals to all user groups and helps support connections with nature across the region.”*

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## Community Advisory Group

One of the initial tasks of the Master Planning process is the identification and recommendation of interested community members for the Community Advisory Group (CAG). Using the data collected from CAG interest forms, recommendations from other stakeholders, and research and demographic analysis, a list was compiled of potential members.

Criteria for selection to the CAG included residency in the service area of the park, a willingness to commit the time to attend meetings, an interest in the park and its uses, and embodiment of diverse demographics and lived experiences.

### Selection Process

The Community Advisory Group Interest Form was open from May 26 through July 31<sup>st</sup>. Individuals who were considered for membership were also asked to complete a short follow-up questionnaire. The interest form can be found on page 44, and the follow-up questionnaire can be found on page 49, both in in Appendix B.

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*Final selection of the Community Advisory Group will be made by the  
Parks, Recreation and Greenway Advisory Board.*

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### Recommended Membership

The following individuals are recommended for the Neuse River Park Master Plan Community Advisory Group.

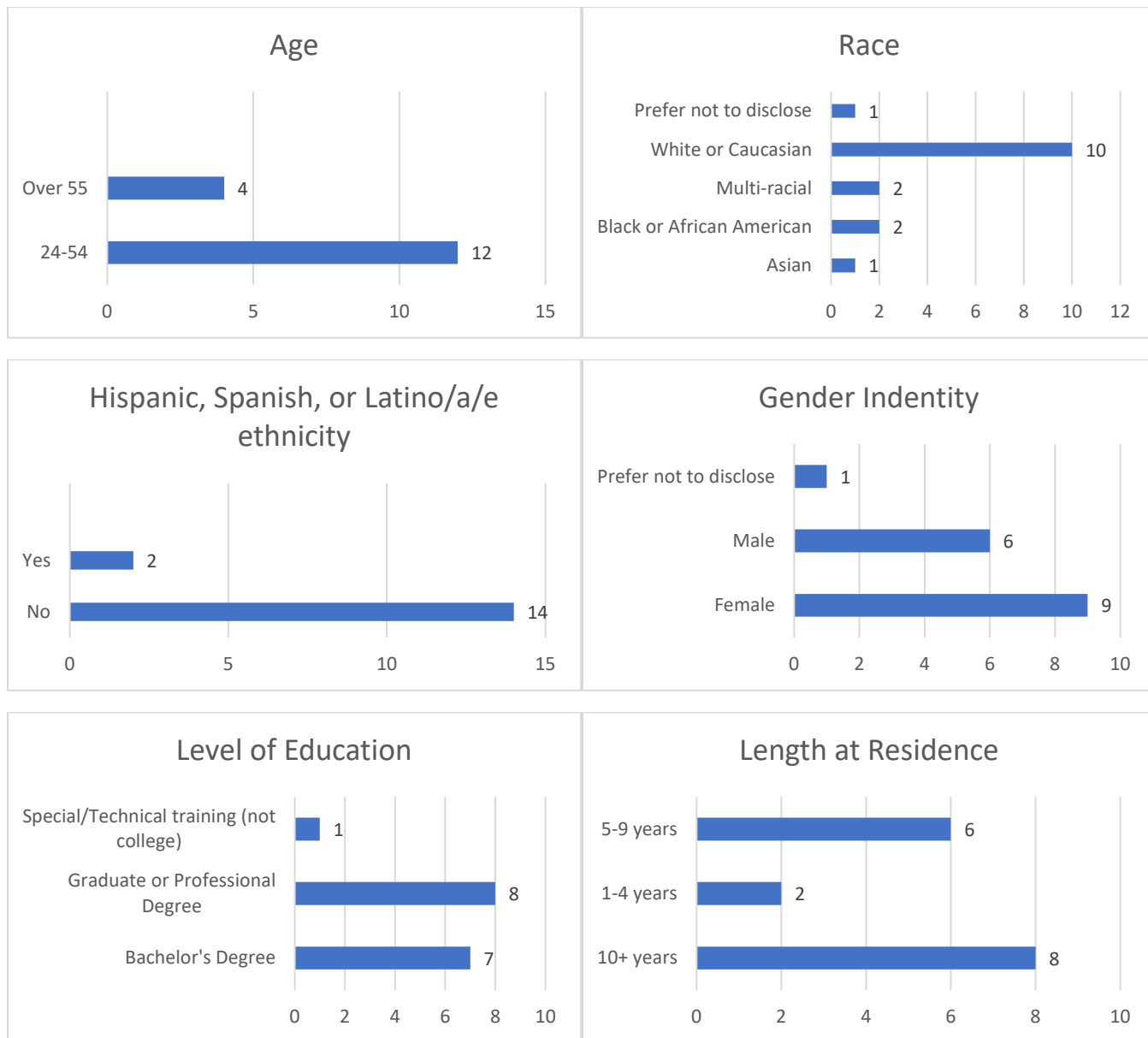
**TABLE 6: COMMUNITY ADVISORY GROUP RECOMMENDATION**

#	Name	Group Represented
1	Norma Marti	Broader Community: Organization Representative/ Resident
2	Shaneka Thurman Griffin	Broader Community: Organization Representative/ Resident
3	Matty Lazo-Chadderton	Broader Community: Organization Representative/ Resident
4	Sara Buttine Parsatoon	Broader Community: Organization Representative/ Resident
5	Robert Parker	Immediate Community: HOA Representative/ Organization Representative/ Resident
6	Michelle Tomlinson	Immediate Community: HOA Representative/ Organization Representative/ Resident
7	Alicia Hall	Immediate Community: HOA Representative/ Organization Representative/ Resident
8	Heidi Cowley	Immediate Community: HOA Representative/ Organization Representative/ Resident
9	Kendra Williams	Immediate Community: HOA Representative/ Organization Representative/ Resident
10	Thomas Walencik	Immediate Community: HOA Representative/ Organization Representative/ Resident
11	Kuanyu Chen	Special Interest Group - Cycling/Environmental/Fishing/Paddling/Outdoor Recreation
12	Craig Foster	Special Interest Group - Cycling/Environmental/Fishing/Paddling/Outdoor Recreation
13	Leigh Ann Hammerbacher	Special Interest Group - Cycling/Environmental/Fishing/Paddling/Outdoor Recreation
14	Scott Greenman	Special Interest Group - Cycling/Environmental/Fishing/Paddling/Outdoor Recreation
15	CE 'Dallas' Hoffman	Special Interest Group - Cycling/Environmental/Fishing/Paddling/Outdoor Recreation
16	Robert M. Zarzecki, Sr.	Special Interest Group - Cycling/Environmental/Fishing/Paddling/Outdoor Recreation

## Demographic Breakdown

This page contains the demographic composition of the Community Advisory Group as recommend to the Parks, Recreation and Greenway Advisory Board.

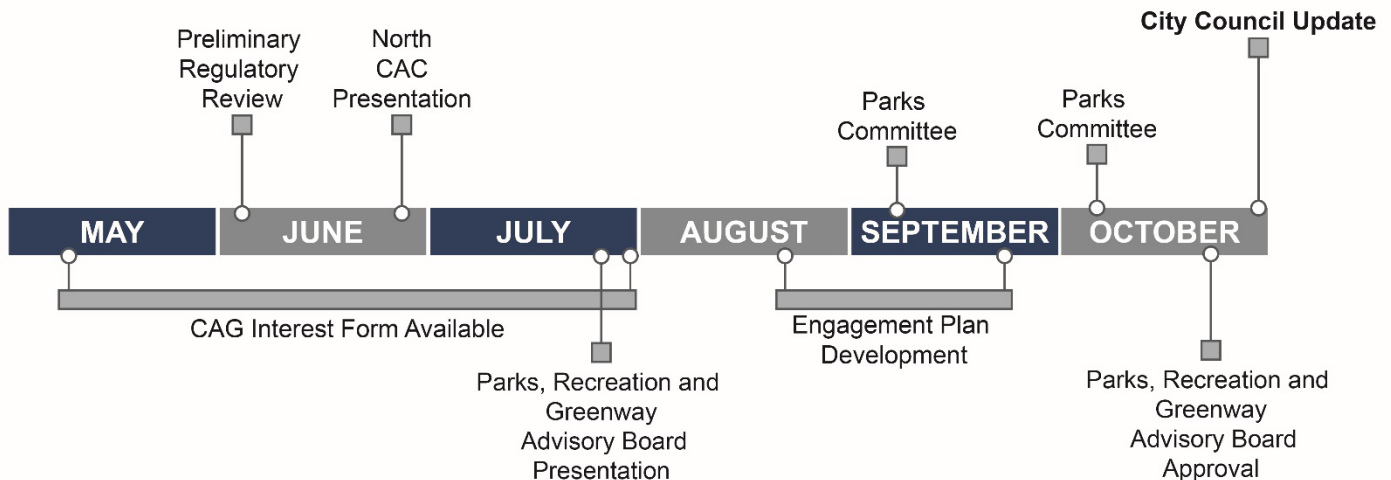
The CAG selection process will prioritize the formation of a CAG that demographically reflects the population of Raleigh.



## Next Steps

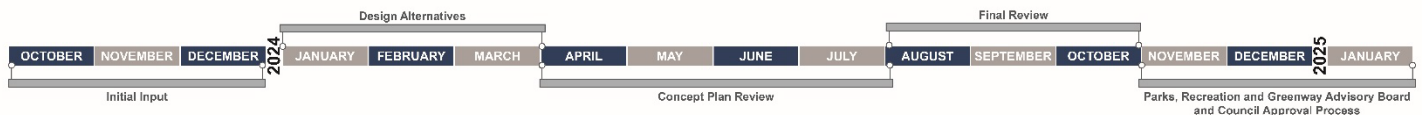
Raleigh Parks will be presenting the draft Situation Assessment to the Parks, Recreation and Greenway Advisory Board (PRGAB) in July 2023. Raleigh Parks will present the final Situation Assessment to PRGAB in October 2023. Also at the October 2023 meeting, PRGAB will make the final selection for the Community Advisory Group.

**FIGURE 18: SITUATION ASSESSMENT TIMELINE**



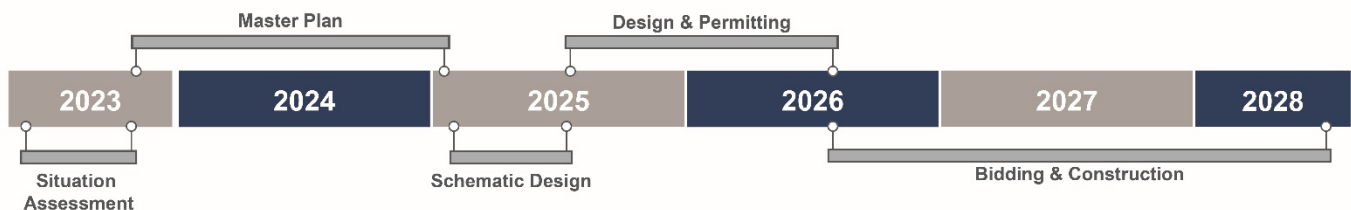
The Master Planning process will officially commence in October 2023. This process will involve gathering the community's feedback during public meetings, online surveys, and a variety of other forums, in order to produce a Master Plan for Neuse River Park that both the community and the City of Raleigh can embrace.

**FIGURE 19: MASTER PLAN TIMELINE**



Following the master planning process, the project will move into schematic design, which will show phase one implementation at 30% design completion. This schematic design will be reviewed and (tentatively) recommended by the Parks, Recreation and Greenway Advisory Board to City Council for their approval. The project is then planned to move into construction document design, permitting, bidding, and construction.

**FIGURE 20: OVERALL PROJECT TIMELINE**



## Appendix

### Appendix A: Park Experiences

**TABLE 4: PARK EXPERIENCES WITHIN A 5-MILE RADIUS OF NEUSE RIVER PARK**

Experience	Parks Providing the Experience
Comfort Station	Durant Nature Preserve, Honeycutt, Horseshoe Farm
Grill	Berkshire Downs West, Durant Nature Preserve, Honeycutt, Millbrook-Exchange
Educational Signage	Durant Nature Preserve, Horseshoe Farm
Outdoor Water Fountain - People	Durant Nature Preserve, Honeycutt, Millbrook-Exchange
Outdoor Water Fountain - Dogs	Millbrook-Exchange
Splashpad	Millbrook-Exchange
Swimming Pool - Indoor	Millbrook-Exchange
Swimming Pool - Outdoor	Millbrook-Exchange
Active Adult Center	Millbrook-Exchange
Community Center	Abbotts Creek, Millbrook-Exchange
Dance Studio	Abbotts Creek
Fitness Center/ Weight Room	Abbotts Creek, Millbrook-Exchange
Library Room	Millbrook-Exchange
Rentable Building	Durant Nature Preserve
Pollinator/ Native Garden	Durant Nature Preserve, Horseshoe Farm
Sensory Garden	Durant Nature Preserve
Bio-Retention Pond/Rain Garden	Horseshoe Farm
Permeable Pavement	Horseshoe Farm
Historic Structure	Horseshoe Farm
Visitor Center	Durant Nature Preserve
Fishing Access	Durant Nature Preserve
Wildlife Viewing	Durant Nature Preserve, Horseshoe Farm
Nature Education	Durant Nature Preserve, Horseshoe Farm
Nature-Oriented Exhibit	Durant Nature Preserve, Horseshoe Farm
Nature-Oriented Educational Signage	Durant Nature Preserve, Horseshoe Farm
River	Horseshoe Farm
Lake	Durant Nature Preserve
Pond	Berkshire Downs West
Wetland	Abbotts Creek, Berkshire Downs West, Durant Nature Preserve, Horseshoe Farm
Creek	Abbotts Creek, Berkshire Downs West, Durant Nature Preserve, Horseshoe Farm, Millbrook-Exchange
Other Natural Water	Durant Nature Preserve
Ballfields	Honeycutt, Millbrook-Exchange
Basketball - Indoor (Full Court)	Abbotts Creek, Millbrook-Exchange
Basketball - Outdoor (Full Court)	Honeycutt, Millbrook-Exchange
Multipurpose Field	Abbotts Creek
Open Play Field	Durant Nature Preserve, Honeycutt, Horseshoe Farm, Millbrook-Exchange

Pickleball Court - Indoor	Millbrook-Exchange
Tennis Center	Millbrook-Exchange
Tennis Courts	Millbrook-Exchange
Volleyball - Indoor	Abbotts Creek
Volleyball - Sand	Durant Nature Preserve, Honeycutt
Dog Park	Millbrook-Exchange
Ampitheatre	Durant Nature Preserve
Park Bench	Abbotts Creek, Berkshire Downs West, Durant Nature Preserve, Honeycutt, Horseshoe Farm
Picnic Table	Abbotts Creek, Berkshire Downs West, Durant Nature Preserve, Honeycutt, Horseshoe Farm
Picnic Shelter	Durant Nature Preserve, Honeycutt, Horseshoe Farm, Millbrook-Exchange
Playgrounds: 2-5	Abbotts Creek, Durant Nature Preserve, Honeycutt, Millbrook-Exchange
Playgrounds: 5-12	Abbotts Creek, Berkshire Downs West, Honeycutt, Millbrook-Exchange
Trails - Paved	Abbotts Creek, Durant Nature Preserve, Honeycutt, Horseshoe Farm, Millbrook-Exchange
Trails - Natural Surface/Unpaved	Durant Nature Preserve, Horseshoe Farm, Millbrook-Exchange
Trails - Loop	Durant Nature Preserve, Horseshoe Farm
Mountain Bike Trails	Durant Nature Preserve
Bleachers	Millbrook-Exchange



### 2022 Parks Bond

#### Neuse River Park Community Advisory Group (CAG)

Funding has been allocated for community engagement, master plan development, and construction and implementation at Neuse River Park through the 2022 Parks Bond Referendum.

Raleigh Parks is currently conducting a Situation Assessment for Neuse River Park. A Situation Assessment is an analysis of the local context around a project, to help staff determine the best way to effectively engage the community in a collaborative process. Situation Assessments are used as an opportunity to identify key stakeholders and any issues or opportunities that are important to the community that will be affected by the planning process. Situation Assessments can be an opportunity to study the historical and cultural context of a particular project or community and to proactively identify and address any issues that may be contentious during the planning process.

The Situation Assessment also identifies the **Community Advisory Group (CAG)**, which is a membership-specific committee that provides oversight of the project planning process and ensures that decisions include a broad representation of the community and stakeholders impacted by the project. CAG members help facilitate information sharing between the community and planning staff.

Raleigh Parks will be presenting the Situation Assessment and CAG member recommendations to the Parks, Recreation and Greenway Advisory Board in July 2023. Official project kick-off is planned for September 2023.

The Neuse River Park property is an 83.6-acre site located at 12028 Falls of Neuse Road, northeast of the I-540 Loop and east of Capital Boulevard (U.S. Highway 1). This future park site is located immediately adjacent to the Neuse River. Falls of Neuse Road bisects two portions of the park property, with the only current connection being the Neuse River Greenway, underneath the Falls of Neuse Road Bridge. The City of Raleigh manages an adjacent parcel that is subleased through the State of North Carolina and Army Corps of Engineers, with an existing parking lot, canoe launch, and popular trailhead for the Neuse River Greenway Trail. The State and Army Corps manage additional public recreation facilities in the area around Falls Dam.

### CAG OVERVIEW

#### **Purpose and Authority of the CAG**

The purpose of the Neuse River Park CAG is to represent community interests and validate and report design recommendations to Parks, Recreation and Greenway Advisory Board (PRGAB) for review. The proposed Master Plan will be presented to City Council for approval, along with the Board's recommendation.

*Note: CAG membership is a volunteer-based position.*

#### **CAG Responsibilities**

The key responsibilities of the CAG members are to:

- Represent and consider the interests of the community
- Assist with public outreach and communication
- Review, analyze, prioritize and incorporate public input
- Provide constructive comments and shape agreements to advance design process
- Balance interests, resolve conflicts and collaborate in the development of schematic designs

Expectations for the CAG members include:

- Attending and fully participating in CAG and public meetings
- Working as team players
- Respecting and seeking to comprehend the perspectives of others
- Encouraging free-thinking and focusing on problem solving
- Communicating with represented community groups and keeping group members informed of project progress
- Providing at least one means of contact for timely communication, such as email or phone number

## CAG DETAILS

### **CAG Communication**

Open communication is encouraged among both the CAG members and between the CAG members and the public. City staff project managers, assisted by third-party facilitation consultants, will serve as the primary point of contact for the CAG, with regard to project communication such as feedback gathering, meeting logistics, and minutes documentation and dissemination. City staff project managers are responsible for submitting the proposed Master Plan for PRGAB and City Council reviews and deliberation. CAG members may participate in, or assist with, presentations at PRGAB and/or City Council meetings, as desired. Note that PRGAB meetings and City Council sessions are open to all CAG members and the general public.

All CAG meetings will be open to observation by the public and will be prepared to receive public comments. The CAG can also receive public comments in writing or via email.

### **CAG Representation, Appointment, Withdrawal and Replacement**

CAG membership is intended to be diverse and inclusive, representative of the local community. It shall be comprised of a number of community members, representing varying affected groups or individuals with interest in the proposed projects, reflective of the current demographics of the project area, including age, race, gender, educational background, professional and/or personal experience, interest, expertise, and other relevant qualifications that may be related to the characteristics of the proposed project.

Interested residents are encouraged to respond to the “**CAG Interest Questionnaire**”, which will be advertised via multi-media communication methods city-wide, with a special focus on Northeast Raleigh neighborhoods. The project team will compile and review completed questionnaires and will present its recommendation of membership selection to the PRGAB for approval and appointment.

If a CAG member is no longer able to participate during the project process, they may withdraw from the CAG. The remaining CAG members will determine whether the withdrawn member’s interests can be represented by the remaining members. If not, the CAG may recommend a replacement from the initial CAG applicants who represents the same interest group, organization or neighborhood.

### **Schedule and Duration**

The planning process is anticipated from Fall 2023 through end of 2024. A series of CAG meetings will take place throughout the planning process, along with general public engagement events. All members are expected to attend and fully participate in each CAG meeting, which is critical to avoid project delay. Meeting times, locations and format will be discussed with CAG members at the initial meeting. At least 50% of the meetings are expected to be held in-person, in order to encourage full engagement and collaboration.

**2022 Parks Bond**  
**Neuse River Park Community Advisory Group (CAG)**  
**CAG Interest Form**

The City of Raleigh Parks, Recreation and Cultural Resources Department is soliciting volunteers to serve on a Community Advisory Group (CAG) for the 2022 Parks Bond project at Neuse River Park

The CAG will be appointed by the Raleigh Parks, Recreation and Greenway Advisory Board (PRGAB) in July 2023. The following information will assist in forming a diverse CAG that represents the potential users of these parks and amenities. If you are interested in serving on this CAG, please complete the following questionnaire. Raleigh Parks appreciates your interest and involvement!

If you are interested in serving on this CAG, please complete the following questionnaire and return it via:

- Online form: <https://publicinput.com/NeuseRiverPark>
- Email: [ParkPlan@raleighnc.gov](mailto:ParkPlan@raleighnc.gov)
- Mail: Parks, Recreation and Cultural Resources, P.O. Box 590, Raleigh, NC 27602
- Drop off: 222 West Hargett Street, Suite 608, Raleigh, NC 27601
- Fill out the form in-person at:
  - Forest Ridge Park- 2100 Old North Carolina 98 Hwy, Wake Forest, NC 27587
  - Abbott's Creek Park- 9950 Durant Rd, Raleigh, NC 27614
  - Millbrook-Exchange Park- 1905 Spring Forest Rd, Raleigh, NC 27615

>>>>>>>>> **THANK YOU!** <<<<<<<<<<

Name: \_\_\_\_\_

Organization/Neighborhood Represented: \_\_\_\_\_

Home address: \_\_\_\_\_

What is the best method to contact you?

- Telephone (personal):
- Telephone (work):
- Email address:
- Other:

1. Why do you want to serve on the CAG?
2. If you represent an organization or a civic group, what is the role of your organization or the group in the community?
3. If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?
4. Do you have special knowledge or experience in park planning or recreation programming, or special skills, interests or background that you feel would help the CAG? If so, please describe.
5. Please suggest other key individuals or organizations we should reach out to for potential CAG membership for these three projects.
6. Please share any other comments or ideas about the CAG and general community engagement for these three projects.
7. Are you a City of Raleigh resident?
  - ☐ Yes
  - ☐ No
8. How long have you lived at your current address?
  - ☐ Less than a year
  - ☐ 1 – 4 years
  - ☐ 5 – 9 years
  - ☐ 10+ years
9. Which age group describes you?
  - ☐ Under 23
  - ☐ 24-54
  - ☐ Over 55
  - ☐ Prefer not to disclose
10. Which of the following describes your gender?
  - ☐ Female
  - ☐ Male
  - ☐ Non-Binary

☐ Prefer to Self-Describe: \_\_\_\_\_

☐ Prefer not to disclose

11. Which of the following is the highest level of education you have completed?

☐ Less than high school graduate

☐ High school diploma or equivalent (GED)

☐ Special/Technical training (not college)

☐ Some college (no degree)

☐ Associate degree

☐ Bachelor's degree

☐ Graduate/Professional degree (Master's, PhD, Juris Doctor, etc.)

☐ I prefer not to answer

12. Which of the following best describes your race?

☐ Asian

☐ Black or African American

☐ Native Hawaiian or other Pacific Islander

☐ White

☐ Multi-racial

☐ Other: \_\_\_\_\_

☐ Choose not to identify

13. Are you of Hispanic, Latino, or Spanish ethnicity?

☐ Yes

☐ No

☐ Prefer not to disclose

14. What is the primary language you speak?

☐ English

☐ Spanish

☐ Other: \_\_\_\_\_

☐ Choose not to identify



Good afternoon,

I wanted to follow up regarding your application for the Neuse River Park Community Advisory Group (CAG) and provide some additional details to aid in the final selection process. I have a few questions that will help us assess your suitability for the CAG, and I kindly request your response to the following inquiries. Feel free to reply directly to this email, or if you prefer, we can arrange a phone call to discuss further.

1. **Meeting Availability:** Could you please confirm your availability for the six upcoming Community Advisory Group meetings? The tentative dates are as follows: September 2023, November 2023, January 2024, March 2024, August 2024, and September 2024.
2. **Representation of Community Groups:** As a CAG member, one of your responsibilities will be to communicate with the community groups you represent and keep their members informed about the project's progress. Are you comfortable representing your group's interests in an official capacity?
3. **Community Engagement:** CAG members should be natural relationship builders, eager to share information, committed to finding solutions, bring their lived experience and engage positively and professionally with the general public. Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?
4. **Unique Perspective and Lived Experience:** We value the diverse perspectives and experiences of our CAG members. Could you please share what unique perspective or lived experience you would bring to the group? This is a great opportunity to let us know if there are any additional factors you would like us to consider in the selection process that we have not explicitly asked as of this time. Your answer will help us understand the valuable insights you can contribute to the Neuse River Park project.

Thank you in advance for your prompt response. Your answers will assist us in finalizing the CAG roster for the Neuse River Park project. If you have any questions or require further clarification, please don't hesitate to reach out.



<b>Why do you want to serve on the CAG?</b>	To help ensure that the space will serve the community as well as protect the natural beauty and ecosystem.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have experience working professionally as an operational specialist and project manager. The projects I have managed involve multiple vendors and operating entities.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes</p>



<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes. As a professional I have served as a corporate representative while managing vendors and conveying expectations and timelines. This also includes providing status updates.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>For a large scope project like this I think it will be important to meet people where they are. Engage leaders of the groups we want to work with and tap for opinions and give the public an opportunity to provide feedback with the lowest effort possible. Try to avoid creating a high effort requirement to provide feedback/thoughts.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Honestly, I signed up for consideration because I'm a mom that wants a well thought out recreation area for me kids. Additionally, I was raised by an environmental engineer and given that this park is going up right next to the river, ensuring that the planning is environmentally sound and isn't going to significantly effect the river or the wildlife.</p>
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<b>Why do you want to serve on the CAG?</b>	I want to ensure land development benefits the local community long-term. I also want to make sure that the project is in-line with the previously stated vision for this section of Raleigh with protections in place for our waterways and continues to promote the conservation of our great natural spaces.
<b>Do you represent an organization, neighborhood, or civic group?</b>	N/A

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>While I am a resident of the River Run neighborhood and a parent of active scouts in a local BSA scout troop, I am not volunteering on behalf of either of these organizations. Any views I express are my own.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>As stated above, I do not represent a neighborhood, but I can say that as evidenced by the not-so-long ago attempt to split our neighborhood into two school districts, my neighbors are quick to mobilize if they disagree with a city decision. We are a small community, but tight-knit group. We have a local club house and pool designed for the private use of our residents, which is regularly targeted by teenagers from neighborhood communities. These unwelcome guests have vandalized the property repeatedly, left garbage/glass in the parking lot, and have needed to be escorted off the premise by local police. As a result, I would anticipate my neighbors are not going to be thrilled by any project that invites additional non-residents into the area. Traffic is also a major concern for our community as speeding along Wide River is a problem. Several of my neighbors have reported property damage. This is to say that neighborhood safety is a major issue. That said, many of the residents are active in the outdoors. Several are runners and make use of the existing pedestrian entrance off Falls of the Neuse into the greenway. As many of these individuals have small children, I do not see a major shift in the demographics any time soon.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>My special skill is my knowledge of the area and how this section of the greenway system is currently being used. Me and my family are often on the trail and are very familiar with both the pedestrian and vehicular volume in the area. I am also very comfortable analyzing data and well familiar with the existing open-data datasets provided by the city of Raleigh. I have created petitions as well as newsletters and familiar with multiple forms of mass communication.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>The River Run Home Owners Association has stated that they wish to be involved in the planning process. I strongly support their representation on the council even if it comes at the expense of my own application.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>My neighborhood can become highly vocal if they feel that decisions are being made without their input or behind closed doors. I understand if I am not selected, but I would strongly encourage you to at least elect someone in the surrounding area to serve as an advisor if you want neighborhood buy-in.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>There is one Thursday/Friday in September 2023 that I will be out of town, but I would be able to attend most meetings provided there is advanced notice of the specific date and time.</p>



<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I am comfortable in this role. I have managed cross-disciplinary teams and understand the need for consistent, transparent communication.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I was actively engaged with other members in the neighborhood during recent redistricting discussions with the wake county school system. During this time, I was able to interface with school board members in a calm and professional manner, which allowed us to ultimately reach a solution with the school board. This solution, like any good compromise, wasn't perfect for anyone, but allowed both parties to achieve some measure of satisfaction.</p> <p>Additionally, I am a writer and experienced with navigating professional communications through a variety of platforms.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>While I have lived at my current residence less than four years, I have been a resident of Raleigh since 1998. However, I have had several opportunities to visit, and work, in other locations. For example, I spent several years working with a company that operated in Hong Kong. As an island, city planners in Hong Kong have to maximize every square foot of land. However, its development has cost them critical natural areas. In many areas, they have had to pave over the few places that haven't been developed to protect against mudslides.</p> <p>I have always been proud of the fact that our green spaces play such an important role in our city's character. My family is avid hikers and we enjoy the fact that there are multiple places to hike that offer beautiful scenery and varying terrain without ever having to leave the city proper. I very much want to protect that experience so that my sons, when they are grown, can share a similar experience with their children.</p>
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<b>Why do you want to serve on the CAG?</b>	I am a flatwater and whitewater kayak paddler. I belong to both the Carolina Canoe Club and the Carolina Kayak Club. I also edit a journal for the CCC called the Carolina Paddler. This interest and background allows me to be a suitable adviser in this promising endeavor. Of course, the park will serve many groups but I'd like to represent the interests of the paddling community.
<b>Do you represent an organization, neighborhood, or civic group?</b>	As stated above, the Carolina Canoe Club and Carolina Kayak Club

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Member of CCC internal Neuse River Group action committee.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>No special experience in planning but knowledgeable with water parks, having done journal articles on the Catawba Great Falls project and the US Whitewater Center in Charlotte.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Jim Dean, NC state employees representing water quality. Jim served on the advisory board for the Catawba Great Falls project.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes. I can attend during those periods.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I am. My group would be the Triangle watersports community.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I have a large circle of friends and associates in the paddling/watersports community. I participate in two clubs, the Carolina Canoe Club and the Carolina Kayak Club. I am the editor of the CCC's journal, Carolina Paddler and write and edit articles reflecting current events and local history on a variety of water-related topics. This work has brought me into contact with a great variety of people: Olympic athletes and coaches, outdoor writers, novelists, whitewater facility designers, expert paddlers and people from all walks of life.</p>



<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I have lived in the Triangle for over forty years and worked as a free lance film and video technician for many different businesses and institutions in the area. My wife and I have operated a motion picture production equipment rental company here for over forty years. I served on the Chatham Habitat for Humanity board of directors for six years including three years on the executive committee. I participated in Habitats builds in Wake, Orange and Chatham counties in NC and in Honduras. I speak a little Spanish. My daughter works for the state and is the Gardens and Facilities Manager at the Tryon Palace historic site in New Bern. My son in law is an aerospace engineer at Cherry Point Marine Air Force base and is originally from Ecuador.</p>
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<b>Why do you want to serve on the CAG?</b>	Live within the adjective community
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?



<b>Why do you want to serve on the CAG?</b>	<p>My reason for wanting to serve is to be a part of something that will provide be useful to the community and help create community. Parks are one of the best opportunities for fostering a healthy lifestyle and bringing people together from all walks of life. Being able to have input on the direction of a new park seems like a great opportunity to be a part of something that will be here long after we're gone - a legacy.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	<p>I represent the Town of Wake Forest (TOWF) and the Northern Community Food Security Team (NCFST).; I also am the President of the Rolesville Athletic Club and the HOA for my community.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I am currently the Customer Service &amp; Outreach Manager for the TOWF; July 1st, my role will change to Community Outreach Manager. And I am the Coordinator of the NCFST&gt;</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I live in Neuse Crossings; Our neighborhood has over 500 homes with 4 different subdivisions connected. I am not 'directly' representing my neighborhood, but I am a neighborhood advocate. I started the Neighborhood Crime Watch &amp; have hosted National Night Out in our community. The future of my neighborhood will continue to thrive because of the location (near Wake Forest, Rolesville, Knightdale, i540, i440 &amp; Triangle Mall area) and the median home prices, which are affordable by Wake County prices.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Working with the TOWF, I was on the committee to build Flaherty Community Center. As the Joyner Park project was developed, I was not available to serve, however, I did attend some of the planning meetings. During my time with the YMCA, I was responsible for adult athletics programming and coordinating officials. I have been active in the youth sports community for 15+ years, as a coach, president or board member. Currently, serving as the Rolesville Athletic Club President, which are the sports boosters for Rolesville HS.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Monica Lileton mlileton@wakeforestnc.gov</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I look forward to the opportunity to serve on the CAG.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I care about my neighborhood community, which is only a few blocks away from this park project, as well as the health and beauty of the Neuse River which is a great local resource for everyone to enjoy.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Oakcroft

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Oakcroft is a family-oriented and friends-oriented neighborhood, with many residents who love living in Raleigh and more particularly North Raleigh and the Neuse River area. I do not see that changing drastically in the future. There are several families with young children who intend to remain in the neighborhood for the long term.</p> <p>Personally, many of us in the neighborhood do originate from more urban and developed areas than Raleigh. One of the things that attracted us to this city was the amount of green space and natural beauty. I do have some concerns about the direction of development in this city and would like to see the city grow with a more conservation and preservation-focused mindset.</p>



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Not specifically in park or recreation planning, but I have worked in sports, both at the professional level and as a volunteer at the youth level. I am an avid outdoorsperson and currently work as an attorney in private practice.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Sound Rivers <a href="https://soundrivers.org/">https://soundrivers.org/</a></p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Confirmed</p>

<b>Are you comfortable representing your group's interests in an official capacity?</b>	Yes
<b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b>	I plan connect with my Oakcroft neighborhood's families on regular occasions (both informal and via the HOA board) to discuss the park and seek their input.

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I am a relative newcomer to Raleigh, having moved here with my wife from metro-NYC about 10 years ago. Among other things, the greenness, cleanness and open space of this area, as well as outdoor recreational activities, were major factors in our decision to move here. I grew up in an urban, densely populated area, and appreciate what Raleigh has to offer in terms of outdoor and natural recreation. I also have a young child who (along with other families in our neighborhood) will continue to benefit from close proximity to the Neuse River. With these things in mind, I would like to bring a perspective of careful and purposeful planning to this project.</p> <p>Additionally, as mentioned in the first questionnaire, I am an avid outdoorsperson who appreciates spending time outside with nature. I am currently an attorney in private practice and have a prior professional background in pro-sports. These experiences will be helpful in planning a park near a river and watershed.</p>
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<b>Why do you want to serve on the CAG?</b>	I think the idea of the Falls Whitewater Park is amazing and long overdue.
<b>Do you represent an organization, neighborhood, or civic group?</b>	I am the owner of Frog Hollow Outdoors. We have provided Paddlesports trips and instruction in the Triangle Area and NC since 1998.; I am the owner and operator

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I am the owner and operator</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Frog Hollow offers a wide variety of outdoor adventure programming and instruction for a wide variety of skills and people.  <a href="http://www.froghollowoutdoors.com">www.froghollowoutdoors.com</a></p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Transcribed from Audio: I'm definitely, you know, available to meet on a monthly basis. I guess my question is if some of these might be able to potentially be over zoom or some sort of virtual meeting. And then you basically just have a month and a year listed out without specific dates. So my availability really shifts through our season. In regards to how simple it is to meet, but if again, if there are zoom/virtual meetings or options then that that makes that much more likely that I wouldn't have any problem meeting on a monthly basis.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>Transcribed from Audio: ny problem meeting on a monthly basis. And actually I'm going to answer some of the questions here: Yeah, of course. Absolutely willing to, you know, step up and offer some communication in different ways to different groups. And, you know, have been, you know, kind of on the periphery and partially involved with the Whitewater Park for a while now.</p>



<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Transcribed from Audio: And then, just as a from a personal perspective, I've gotten ? of falls dam whenever I have the opportunity to do that. When the water levels are right, I'm a lifelong paddler and own a paddle sports business. It's been operating since 1998, I have been instructing outdoor based recreation both in the title sports world and climbing &amp; backpacking for about 27 years now and and also have helped establish some safety protocols and guidelines for lots of other national organizations that do outdoor based programming to help with setting up some of that with NOLS, National Center for outdoor adventure education down in Wilmington, and they actually host trips kind of all over the world really. And then, Camp Seeker and Seagull we've done it. We've done the same thing at the title sports center at Camp Kanata and other YMCA program Parks.</p>
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<b>Why do you want to serve on the CAG?</b>	I'm the President of River Oaks Homeowners Association, Inc. and I have over 40-years of land development and built numerous neighborhoods with amenities. I've been a licensed RE Broker since November, 1985.
<b>Do you represent an organization, neighborhood, or civic group?</b>	River Oaks

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>River Oaks Homeowners Association, Inc. I reside in Phase 2 which is in the ETJ for the City of Raleigh.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>The community profile has turned over in the past 10-years with more younger families moving into the neighborhood who will desire a community park. I believe this trend will continue for the coming years as many original homeowners have retired and sought alternative living arrangements.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>My extensive background in planning neighborhoods in North Raleigh, Cary and Wake Forest along with my extensive real estate brokerage experience, will offer a perspective from both a land development and community amenity benefit.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>YMCA, Miracle League, North Wake Baseball and recreation.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>1. I will make every effort to make each of the meetings, realizing there aren't any specific dates indicated.</p>

<b>Are you comfortable representing your group's interests in an official capacity?</b>	1. Absolutely. i will have text and email blasts sent to each member of the River Oaks Homeowners Association, Inc.
<b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b>	

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I have the ear of all of our community members in River Oaks, along with my network in the Greater Raleigh area and Wake Forest in real estate sales, residential and commercial construction and amongst members at Bayleaf Baptist Church and neighborhoods surrounding River Oaks.</p>
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<b>Why do you want to serve on the CAG?</b>	I'd love to help create a space that meets the needs of the area and help the effort move forward with whatever skills I can offer.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I've been involved in corporate planning and project design as well as delivered presentations on proposals.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>At this point I would simply like to learn more about how I can help.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>As I don't see myself representing a community or demographic, I admit that I might not be what's needed here, but if I am, I'm interested in helping out.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I spend a lot of time on the greenway trails and am active the local Cub Scouts that use other facilities around the area. I enjoy working with others to provide better resources to the community to help connect people and make our natural areas more accessible to all. I'm also excited about new ways for my children to enjoy these kinds of benefits.</p>
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<b>Why do you want to serve on the CAG?</b>	<p>I would be a strong fit for the Community Advisory Group (CAG) role for the Neuse River Park project due to my deep-rooted passion for environmental conservation and community engagement.</p> <p>With excellent communication and interpersonal abilities, I am confident in my capacity to effectively engage with diverse stakeholders, listen to their perspectives, and facilitate constructive dialogue. I believe in actively seeking and incorporating community input to ensure the Neuse River Park project aligns with their needs and aspirations.</p> <p>I am committed to driving the Neuse River Park project forward while prioritizing the community's well-being and ensuring a sustainable future for our natural resources.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	No; No, just a caring citizen within the community!

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Yes, my background is in commercial construction as a superintendent over civil, vertical, and shell space construction. I would hope my experience and understanding of construction projects would make me an ideal candidate to support the community.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>N/A. Would like to discuss more to determine which individuals or organizations would be the best fit.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Community involvement is key. I feel there needs to be more outreach and exposure to connect with local residents. Projects like this are extremely impactful both financially and environmentally, and I feel that a bigger push for community involvement is a must. I don't agree that posters in parks are the best solution.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I have availability for all six meetings.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, absolutely. This is a role I currently fulfill with my employer.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I participate in several community groups to ultimately understand and know people within the Wake Forest area. There are opportunities and events within the community that allow me to expand my network and engage community members for valuable input, recommendations, and concerns. I would be happy to facilitate these outreach events and provide clear and concise communication to the involved community members.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>With my extensive background in both residential and commercial construction, I bring a deep and personal understanding of people's values, wants, and needs. My hands-on experience has allowed me to witness firsthand how well-designed spaces can positively impact communities. This insight enables me to envision a park that not only meets the physical and recreational requirements but also resonates with the community's spirit and aspirations.</p>
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<b>Why do you want to serve on the CAG?</b>	<p>This is right in my backyard, and having spent time living in Reno/Tahoe, I've seen the value of this type of project. Plus, I have kids who will be of the age to get into watersports like kayaking, and it would be fantastic to have something like this for them in our community.</p> <p>I think I could bring the perspective of avid outdoor enthusiast, adjoining property owner and dad of kids who will utilize the space.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b>	n/a
<b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b>	n/a

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I wish I had park planning background, but sorry, no.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Neighborhood of Bedford HOA. Our neighborhood is huge, and having their buy-in will only help build momentum.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I'm an avid cyclist who utilizes the greenway for most bike rides with my kids. The greenway can already be heavily trafficked in this area around the dam. I think you'll want to get input/consideration from those who regularly run/ride on the path. Their input will be helpful on how designs that can accommodate everyone without impeding flow as well as possible placement of entry/exit points. I'm a member of Gyros cycling club, and I would be happy to solicit comments from them. We have members who ride that path every day.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Confirmed. Except for Thanksgiving, I'm available.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I'm comfortable representing our group's interest.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I'm an attorney by profession, but I'm not a litigator; conflict is not my thing. My work involves transactions, and in the transactional world, it's all about building relationships. There are not winners and losers. There is negotiation, but at the end of the day, a written agreement is a representation of interests and the beginning of a relationship. Relationship building is what I like to do and one of the skills I can bring to the group. I'm involved in the local cycling community, and I would think that many of the parks users are also cyclists. Additionally, I work at WakeMed, and as one of the largest employers in Wake County, I could work with the folks at this institution and the local cycling community to elicit interest, opinions and possible involvement, including some sponsorship ideas.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I bring the perspective of a community member who is a high utilizer of this area , a neighbor whose house will adjoin the park, and a dad of younger children I want to encourage to use the park. I feel like this is a good cross section of interests that allow me to offer a unique perspective.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>I am a member of the River Run subdivision and am very concerned about what the proposed plan will do to the already congested and dangerous intersection at the front our subdivision.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>River Run</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>NA</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Concerned, involved and engaged in this planning process. This will not change in the future.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I don't see any dates above, generally speaking I plan to make all meetings listed above</p>



<b>Are you comfortable representing your group's interests in an official capacity?</b>	Yes I am.
<b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b>	I would share information and updates to the community with detailed instructions on how we will collect feedback/concerns, validate and prioritize those concerns as well as provide suggestions on how their voices can be heard.

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I am a born and raised Raleigh native. My lived experience is being here and valuing the landscape that has historically made Raleigh a great place to live. My unique perspective is that I have a strong appreciation for growth and evolution. I believe my experience enables me to share feedback and provide input on this board on how we can keep traditional/historical values as we move forward in this fast-changing world.</p>
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<b>Why do you want to serve on the CAG?</b>	Having previously served on the Citizen's Committee for planning River Bend Park and found that to be very enjoyable and rewarding, I would enjoy and appreciate the opportunity to serve again. I am a kayaker, past president of Carolina Kayak Club and current member of the board as Cruise Co-Chair coordinating paddling events. I know a number of people who work or have worked with the CoR Adventure Program.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Carolina Kayak Club

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Copied from Carolina Kayak Club bylaws and pasted below is a description of the mission and purpose of Carolina Kayak Club</p> <p>Our mission is to have fun paddling on lakes, estuaries, lazy rivers, sounds, and oceans.</p> <p>In keeping with our mission we will:</p> <ul style="list-style-type: none"> <li>• Offer organized trips with experienced volunteers throughout the year.</li> <li>• Encourage exploration of our recreational waterways.</li> <li>• Encourage preservation of waterways, and conservation of rivers and wildlife.</li> <li>• Promote enjoyment, appreciation and respect of the wilderness.</li> <li>• Promote safety and proficiency in kayaking.</li> <li>• Offer members the opportunity to improve their kayaking skills with club sponsored clinics for novice to experienced paddlers</li> </ul>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I do not represent a neighborhood.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I was on the planning committee that led to the founding of Carolina Kayak Club in 2009 and served as president the that first year. I have continued to be active in the club remained active in the club in the years since then. I have served as vice president (2018), president (2019-2021) past president (2022), and am currently serving as Cruise Co-Chair. In this current role I train new trip organizers and coordinate various trip planning activities. I know what paddlers care about when they consider where to go paddling.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Deb Hinzman (current vice president of Carolina Kayak Club, past Cruise Chair)  Leland Young (current president of Carolina Kayak Club, past member-at-large)  Check with Carolina Canoe Club. Here's the link to the list of their board members: <a href="https://www.carolinacanoecub.org/content/officers-staff/">https://www.carolinacanoecub.org/content/officers-staff/</a></p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>One of the things paddlers love to do after a paddle is meet somewhere afterward for a bite to eat. I realize this committee involves planning for a municipal venue and not a private business. But as you plan for the park you may want to consider how the park and its location fits into the surrounding area and what visitors to the park may want to do nearby in addition to their use of the park.</p> <p>Another thing that would be lovely is something with a view overlooking the whole park. Especially appealing would be something like a restaurant with a large deck with a view of the river and various activities.</p> <p>I am not technically a resident of Raleigh as the tiny pocket of homes near Milburnie Park where I live is technically Wake county although it is surround by the City.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p>Are you comfortable representing your group's interests in an official capacity?</p>	
<p>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I WAS BORN IN RALEIGH, BUT LIVED ALL OVER THE WORLD DURING MY 30 YEARS OF SERVICE IN THE US NAVY. WHEN I WAS YOUNGER, MY FAMILY WOULD VACATION AT A SMALL PLACE ON THE NEUSE RIVER THAT LED TO THE ATLANTIC. I HAVE SEEN THE POSITIVE IMPACT OF TIME SPENT ON AND AROUND THE WATER, NO MATTER THE AGE OR REASON. BEING A PART OF THIS COMMUNITY ADVISORY GROUP IS A CHANCE TO TRULY BE INVESTED IN WHERE I LIVE. I HAVE EXPERIENCE CONNECTING AND COLLABORATING WITH THE FULL SPECTRUM OF ENGAGED CONSUMERS OF A RESOURCE DESIRED BY MANY. YOU CAN COUNT ON ME....CALL ON ME.
<b>Do you represent an organization, neighborhood, or civic group?</b>	NO



<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>

Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.	NO
Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.	NO ADDITIONAL NAMES TO OFFER
Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.	NO
Could you please confirm your availability for the six upcoming Community Advisory Group meetings?	I can support all meetings. My only unavailability period is the last two weeks of September 2024.

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>I have been responsible for large organizations during my professional career and am very comfortable using multiple and varied means of communication to reach the broadest audience in ways that are best received. Incorporating and representing the interest of others has been inherent within my previous roles and I would welcome the opportunity to take on that task at any time.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I have made it a habit to leverage every opportunity to connect with those around me; chatting with neighbors, posting in local Facebook groups, and highlighting events or information within other socially-engaged groups (Dix Park Conservancy / US Navy Veterans / NC Modernist / etc...).</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I can proudly say that I was born in Raleigh and spent every summer of my youth on the Neuse River. Having lived around the world during my 30-year career in the US Navy, I have witnessed how important it is to engage the population in both the preservation and perpetual USE of parks that extend our lives and the environment.</p> <ul style="list-style-type: none"> <li>• Returning to Raleigh after my retirement from the US Navy and engaging in committees/groups such as the Neuse River Park project provides me with the opportunity to make a difference where I live....just as I did when living abroad.</li> <li>• It is well-documented how engaged the Five Points neighborhood(s) (District D) have been, but I would offer that I represent a slice of Raleigh with a perspective not always well-represented.</li> <li>•</li> <li>• I am:</li> <li>• - NC native and global traveler with "lessons learned" insight from many countries / cultures</li> <li>• - Female Senior Military (US Navy) Veteran</li> <li>• - Active (Public) participant within Dix Park Community Committee</li> <li>• - Federal / State Government work experience</li> <li>• • - Single</li> <li>• - No children</li> </ul>
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<b>Why do you want to serve on the CAG?</b>	As a mother of teenagers who are active users of the greenway, myself who is an avid rider and dog walker of the greenway, as well as a homeowner that is living in the community connected to areas where there is a focus for growth and opportunity. I want the opportunity to be more involved, supportive and a spokesperson to what I see as a benefits overall to many not just a few.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I live in River Run which is close to the greenway. There is a mix of families of all ages. Yet the population of families continue to move in with small children. There is a draw here to raise a family.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>My background is over 20 years of hr surrounded with business management, compensation, employee issues, Employee relations, talent management etc. I have a strength in communication and handling challenging PR issues.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	



Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	<p>For a myriad reasons I want to serve, but in a sense, it feels strangely destined to be.</p> <p>I want to represent the interests of the communities to which I belong* and work to help advance the growth of healthy, community-focused, outdoors-based recreational options. Outdoors recreation and its accessibility are - and have been for many years - of significant value to me, having been raised in a strong "servant heart; love your Mother Earth" kind of home. I heartily believe in directing my knowledge, skills, propensity for creative problem solving, and qualities developed through a breadth of life experiences towards causes and opportunities for which I possess passion and the desire to make meaningful, lasting contributions. Additionally, I have a long history of volunteerism, environmental stewardship and activism, and being part of a team.</p> <p>*notably the paddling community of both whitewater and flatwater boaters (kayakers, canoers, paddleboarders, rafters, etc.)</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	<p>I am and have been for many years a member of Carolina Canoe Club, American Whitewater, and Tarheel Paddlers Association just to name a few (regionally) relevant groups and organizations, but I would not say I represent them in any official capacity. It was through Elizabeth Gardner of the Carolina Canoe Club that a couple days ago I learned of the City of Raleigh Neuse River Park CAG opportunity. I also belong to the LGBTQ community.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Again, I would not necessarily say I represent in an official capacity any org or group, but I will share the role and mission of Carolina Canoe Club: The Carolina Canoe Club is a non-profit club devoted to promoting recreational paddling in the Carolinas and southeastern United States. Currently thousands of members in canoes, kayaks, paddleboards, and inflatables frequent flat and whitewater rivers, lakes, and coastal areas, engage in environmental stewardship, and host safety and skills training classes for membership.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>For the past four years, I have resided on Lake Johnson in Southwest Raleigh (because I am a kayaker). I would describe the residents in my neighborhood as demographically diverse but tending toward young-to-middle-aged college-educated professionals/young couples, pet-owners, and active with daily joggers, neighborhood walkers, and plenty of folks take advantage of the trails system around the lake including some mountain bicycling. A handful of us own watercraft: kayaks, canoes, paddleboards, and motorless fishing boats.</p> <p>I don't really see any of this changing in the future because it feels very well established. Neighborhood was built in 1985.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have a Graduate Certificate in Geographic Information Systems (GIS) and a Masters in Geospatial Information Analytics Science and Technology so I have experience, naturally, in spatial planning, imagery analysis, mapping, cartographic design, terrain modeling, etc. In addition to these credentials, I have a broad range of experience in the outdoors, organized (and disorganized) sports, and athletics. There are few sports I didn't try and/or play for a season or so, but I think of most value to the CAG would be the 10+ years I spent in Charlotte in various capacities at the U.S. National Whitewater Center (<a href="http://whitewater.org">whitewater.org</a>) from 2009 to 2019 when I moved to Raleigh.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Absolutely the NC State University Parks, Recreation, and Tourism Management Program at the College of Natural Resources! (<a href="https://cnr.ncsu.edu/prtm/">https://cnr.ncsu.edu/prtm/</a>)</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Just this March, an incredible, potentially-similar park opened in Great Falls, South Carolina on the Catawba-Waterree Hydro System after two decades of planning (<a href="https://www.visitgreatfallssc.com/whitewater">https://www.visitgreatfallssc.com/whitewater</a>). I think it would behoove the City of Raleigh and Neuse River Park planning to look towards the Great Falls Park as a resource in the process. I absolutely volunteer as tribute...to make a CAG-sponsored research trip to Great Falls, should I be offered a spot in the group for NRP. :)</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I can confirm that I have no plans within the next year that would affect my availability for the six upcoming Community Advisory Group meetings (e.g., relocate out of state/country, change my membership in my community groups).</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, absolutely. "This ain't my first rodeo" 😊 Essentially the main reason I applied to be a part of the CAG was for this very aspect of being in a position to communicate with my community groups to NOT ONLY keep them informed of the project's progress, BUT ALSO to collect and share with the NRP project any thoughts, questions, concerns, suggestions, ideas, etc. that members of my community groups may have.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>(I love this particular question's preceding establishing statement.) As an extrovert and immensely-curious person by nature, I thrive on building relationships across diverse cohorts in which the exchange of information is mutually valued and enthusiastically sought. This is how quality solutions to communal challenges manifest. The times in my life in which I have experienced, learned, and trained in community participation have fortunately been many.</p> <p>At the present time, I serve in leadership and Administrator roles for the Tenant Council and Residents of Wildwoods of Lake Johnson neighborhood community groups - respectively - where I am highly active in working to engage all residents in community meetings and discussions so that all voices are heard and respected that want to be so.</p> <p>Other specific examples I am pleased to describe stem from my years in Environmental Activism and include having served in Intern, Trainer, and Community Organizer roles with environmental non-profits such as Greenpeace, Sierra Club, Rainforest Action Network, 350.org, NCSN, Charlotte Green Initiative, PowerVote, just to name a few.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>As an "Elder Millennial" (&amp; "Refined Punk Rocker" 🤘), having lived in seven different states, close to two dozen different cities, and two continents, I would say my unique lived experiences are heavily attributable to this lifetime of adapting to new places, locales, cultures, environments, people, climates, changes, etc.</p> <p>Furthermore, I am a person possessing "invisible" disabilities which include - for the sake of relevancy to this particular project - certain chronic nerve, joint, and mobility challenges (for the most part 'manageable'). Having dealt with and adapted in various ways to the aforementioned since its onset in my early 20's, I can perhaps proffer a more unique, "not wholly able-bodied" perspective where one might not have manifested to a degree.</p>
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<b>Why do you want to serve on the CAG?</b>	<p>I am a new resident of this area and have an interest understanding and addressing ongoing issue. I am a registered professional engineer and have just retired from NASA after 46 years. For the last several years I have been involved in strategic planning focusing on activities that would have significant impact on long term vision.; I am a new resident of this area and have an interest understanding and addressing ongoing issue. I am a registered professional engineer and have just retired from NASA after 46 years. For the last several years I have been involved in strategic planning focusing on activities that would have significant impact on long term vision.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	no

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I will be available during each month indicated. My wife and I do travel a bit but with the specific dates I will do my best to schedule around them.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>My wife and I moved to Raleigh last September from Florida so I am still moving into the Community, and live in the Wakefield Plantation area on Schoolhouse St. We moved here to be near the grandkids so I guess I would represent their interests. I have also enjoy outside activities and hiking the many local trails. I am very comfortable speaking to a group of people and addressing specific questions.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I do not have a huge connection to the local community but I have been a Professional Structural Engineer for 35 years so I speak the technical language of builder and developer.</p> <p>I managed a \$25 million dollar annual budget at the Kennedy Space Center during both the task development phase and the execution phases. Tasks included land use planning, facility construction, flight hardware development, ground and flight processing, science and engineering research, hazardous material management, and waste cleanup. Each task include specifications development, budgeting, contracting, progress monitoring and reporting and perhaps the most important, presentations to senior decision makers to achieve budget and authority to proceed.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I recently retired for NASA after 47 years. I have always been a strategic thinker, being able to visualize the end game and develop tasking that leads to the end product over time. Some years great progress is made, while other years are spent in making plans for progress. The Kennedy Space Center is located on 140,000 acres, about 10000 are used for Space activities and the rest is a very unique wild life refuge. One of the plans I kicked off many years ago was the development of a long term usage plan which enabled an effective balance of an expanding Space industry and a wild life refuge with unique diversity. I have always preached “the will to prepare is more important than the will to win” and you must also have a firm grip on what the end game looks like.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>The parks in our area are very important and I would love to provide my input</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>Neighborhood</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Mostly retired or new families</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>No</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?



<p><b>Why do you want to serve on the CAG?</b></p>	<p>I regularly use the existing area where this project is taking place. I also regularly canoe the Section from Falls Dam to Buffalo Road</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I work at Civil Engineering/Landscape Architecture firm. I work on site design for parks, neighborhoods, mixed use buildings, etc. I am also an avid outdoorsman and use Falls dam for whitewater paddling when they are releasing &gt;1500 cfs of water. I paddle my canoe down the Neuse river trail as well.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Carolina Canoe Club</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>It is important to create a unique, and useful park that fully utilizes the riverfront for recreational activities. As of right now there is path to the tail race area and small beach. The park needs to create useful pathways from the lake, down to the Neuse river trail and have multiple recreation zones where people can spread out etc...</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	We have worked with several groups to establish a Neuse River fishery that supports 4 full time guide services, and reestablished the American and hickory Shad run back to their native spawning grounds. I would like to continue to see these fisheries prosper while creating new way for people to enjoy the river.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Orvis Fly Fishing Company

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>We run guide services to help introduce new people to the outdoors in the Neuse River, along with our free fly fishing classes that we hold on the river as well to help introduced new people to the natural resources that we have in the Raleigh area.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Na</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>My background is in fisheries biology. I am also the area manager for the Orvis company based out of Raleigh North Carolina. During the past 15 years, we specialize in creating educational programs to introduce new people to fly fishing. During our programs, we take individuals out to new areas in the local area to show them what is available to them in their own backyard, creating programs such as flyfishing 101, loose on the Neuse, and shadfest, which is all programs to introduce new people to the river, and based on the upper section.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Graham Jackson Neuse river Outfitters EJ Stern Raleigh fly fishing</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I'm excited to see what the park plans are and how we can introduce the river to a larger audience</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	



<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	<p>I live adjacent to the trail, work at NCDOT and am familiar with the process for public input. I've also worked with Conservation Legacy and the Civilian Conservation Corps and would love to see how we might better engage them as part of the solution. I would love to help facilitate dialogue with the communities, especially Bedford at Falls River community. I also have some interest in nature art on the trail representing the Underground Railroad.</p> <p>I would love to see if we could create an opportunity for Conservation Legacy to build a small, sustainable business with the park - either running a kayak/tubing business, doing trail maintenance/enhancements, or something similar.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	<p>No, but I am part of the Bedford at Falls River community.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	Na
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	Na

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Yes, experience with facilitation, was a member of the 21st century civilian conservation corps vision team. Have worked with Corps programs for 20 years including conservation legacy NC. I am a kayaker, trail enthusiast, and open minded person.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>John French of the Bedford HOA and Moauntain to Sea trail group. (919) 810-2267 johnfrench907@gmail.com</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Here's my hit list from my NextDoor post:</p> <ol style="list-style-type: none"> <li>1. A real kayak/tube launch and pick up point.</li> <li>2. Water on the Neuse deep enough to consistently kayak/tube year round.</li> <li>3. A local ice cream stand connected to the trail.</li> <li>4. White water kayaking center with kayak/tube rentals and pick up shuttle.</li> <li>5. Drop off/pick up connector at Horseshoe Bend park</li> <li>6. Art along the trail that is only natural and will decompose. E.g., the carved log animals at Omstead park. I also saw a park in New England where silhouette shadows were 'printed' on the trees to show soldiers and people from the revolutionary war. Would love to see the same representing the Underground Railroad.</li> <li>7. A community berry patch/fruit orchard to go in the area near the Falls River parking lot.</li> </ol>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>For meeting availability, all of the dates currently work for me.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>My connections in the area include being a community member of the Bedford At Falls River development abutting the Neuse River greenway. I'm friends with several of the Hoa board members and would love to engage/solicit their involvement. I am also well connected to Conservation Legacy NC and their work in the State and at the national levels. I would love to facilitate their engagement to explore how we can use this project to help build pathways for Corps members. I'm also connected to NCDOT and NCWorks in the area and can help facilitate there as well. Finally, I am a community moderator (and founder) of the Bedford area NextDoor group. At heart, I'm a connector helping bring people together, share ideas and info, listen and collaborate.</p> <p>I have a network connected to 121 wake county Facebook groups with over 630,000 members that I use in my recruitment work with NCDOT. We can use this resource to better engage the community. 40 of these groups are diversity groups with over 200,000 members.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I've worked in diversity, equity, and inclusion for over 20 years. At monster.com, I led their largest programs and client engagements to engage and attract diversity candidates to fortune 100 companies and public service. I led the team that built and ran USAJOBS - the award-winning federal job board, the military spouse career center for US Dept of Defense, and several programs for underserved, rural, and disconnected populations across the US including Pathways out of Poverty, WIOA, and other grant programs. At NCDOT, I lead our diversity and recruitment initiatives to drive innovation in attracting diversity candidates. I'm neurodiverse.</p>
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<b>Why do you want to serve on the CAG?</b>	As a long time resident of the area and an avid outdoors person, I believe that I bring a well-rounded perspective to the subject. I have also served as a leader in many organizations. I realize the there will be diverse views and interests at play and I believe that my skills in cooperative leadership, organization, diplomacy and mediation will be helpful.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Yes, the Carolina Canoe Club



<b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b>	Outgoing President
<b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b>	no

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>In my role as President and Board member of the Carolina Canoe Club, I have been involved in recreation programming, coordination with local resources, study of environmental impacts, and group leader of exploratory committees. I've also been involved in revising bylaws and other governing documents.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I used to hike along the area of development more than 20 years ago when I lived in that area of town. I understand the importance of getting input from representatives of all interests. I think that an online survey or discussion forum could be a useful alternative to in-person townhall meetings.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, I can generally be available for meetings.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes. I have served in an official capacity several times (President, board member and committee chair for the Carolina Canoe Club) and I am comfortable representing my group's interests. I am also a member of Trout Unlimited.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>While I consider myself an "ideas" person, I also like to consult resources developed by similar groups. I located the National Recreation and Park Association's "Committee Engagement Resource Guide" (attached). I like the idea on page 9 to host an event or a table at scheduled events. The paddling community, with which I have close ties and is my biggest "community", has many Raleigh-based meetings, paddling trips, etc., where we could set up an information table. I anticipate that the CAG members will develop a survey to gather feedback. The survey can be available in paper form at a hosted table, through volunteers talking directly to people at events, or through the numerous websites and Facebook forums used by paddlers. All of these forums can also be used to post a short, straight forward question and answer guide, as well as a longer, more detailed overview of the project. My larger community encompasses outdoor minded individuals like kayakers, hikers, and people who enjoy fishing, so I would ask local outdoor stores like Great Outdoor Provision Company or REI to post bulletins in trafficked areas with QR codes that can be scanned with an iPhone.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>The Neuse River has been part of my life for a long time. When I moved back to the Raleigh area after law school, I lived in a community close enough to the Neuse River that I could walk my dogs along the bank. That was long before there were any official trails. When I started kayaking, I honed my skills practicing in the waves below the dam at Falls Lake. I have often led family-friendly kayak trips down the Neuse River starting at the canoe put-in. And I've fished the banks with my dad and husband.</p> <p>I consulted, advised and participated in RSA's efforts to purchase and renovate a new pool. (Raleigh Swim Association). Some of my involvement included group meetings. Other activity included assisting the young swimmers with generating and planning fundraisers to support the project.</p> <p>I also volunteered with the Haw River Association on plans to develop a trail along the river in the Saxapahaw area. I participated in workday events, as well as a river-based triathlon to raise money and publicize the progress of the project.</p> <p>I have been mentoring a small group of teenagers on brand development (YouTube videos showcasing their fly fishing adventures), leveraging personal interest in outdoor sports at college or internships (reviewing a lot of applications and personal statements) and encouraging social engagement in clubs and community (recruiting them to make presentations or serve as unofficial junior ambassadors).</p> <p>After the tragic deaths of inexperienced tubers on several NC rivers, I was part of a multi-agency and organization group to discuss plans to educate and warn local residents.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>I live live close by, know many families in the area, and would like to make sure input from them is used to execute this project.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>I a a community resident and currently serve on the Wakefield Plantation HOA board at a member at large.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>There is no direct link other than both seem to be in the spirit of improving the area and serving its residents.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I believe residents in this part of town feel neglected. I have heard this in CAC meetings and home owner association meetings. I have also heard this in informal settings. I am encouraging them to volunteer and am doing so myself.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I am in tech sales at a local fortune 100 company serving local governments. I am open to volunteering my time. Lots of soft skills could transfer like requirements gathering, working on a matrix based team, general waterfall based project management, and understanding local government procurement purchase cycles.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>I have shared this in local HOA meetings and to neighbors as I see them.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Excuse my typos above, I did not realize there was not an edit button. Given a chance to serve, I will do my best for the neighborhood, my neighbors, and the city. I will look for win- win scenarios and pledge to be transparent, fair, and courteous at all times.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I will prioritize any meetings during the months listed and do not schedule things that far out. Can you send me days, so I can block my calendar early? I likely won't have very many conflicts if any. I work from home, and only travel for family vacation.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, getting the chance to document and update the community sounds fun. I do this today in my community as a board member today. I also have started attending city meetings, CACs, small area plan sessions etc.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>. I am an experienced and accomplished technology seller and have 20 years experience building rapport, and relationships. Transparency, communication, trust, and credibility are all characteristics I do my best to embody daily. I will attend meetings and share updates at every possible opportunity. Digital communication is also important these days and can help with extending the reach of information being shared.</p>



<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Diversity and inclusivity is so important. The company I work for believes this and I spent my life including those that are sometimes not included at default. Those folks bring fresh and creative ideas that need to be heard. While I spent much of my life in the United States and in the Raleigh area, my parents immigrated here from Canada, so I have always been an outsider of sorts as a French Canadian growing up in the south. I did marry a North Carolinian woman, and I do love southern culture even though I was raised by Canadians. I am a child of both worlds and am always a bit of an outsider myself which makes me very inclusive and curious to see others points of view. Just like Atticus Finch said, we have to put ourselves in other people's shoes.</p>
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<b>Why do you want to serve on the CAG?</b>	I owned a key part of the land where the Neuse River Park will be located until I sold it to the City. So I have a deep connection to the land and want to help create a space that our community can enjoy for generations. I live nearby and my family uses the Neuse greenway daily and we visit city parks regularly.
<b>Do you represent an organization, neighborhood, or civic group?</b>	I am president of the mens group at my church.

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Our mens group has built nearly 100 handicap ramps to people's homes, regardless of the recipients connection or lack of connection to our church. We do a lot of good work in hunger ministry as well.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I have served on several HOA boards for the last 25 years. I am currently not on any HOA board.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I own a real estate development company and I have a lot of experience in master planning communities and amenities such as playgrounds, play fields, greenways, walking trails, dog parks, swimming pools, and clubhouses. I have designed many spaces like this and am able to collaborate with city staff, engineers, and neighbors all with the goal of activating these areas for use by the residents.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes I can confirm my availability for those months, but I would appreciate knowing the dates and times as far in advance as possible.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I am comfortable representing in an official capacity.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>Sure. I have a direct line of communication with my church (1,000 +/- members) and as president of the Men's Group, I have 75 members there as well that meet twice per month outside of church services. Through the Men's Group, I organize two major fundraisers every year (for the last 8 years I've been doing it) that require about 30 volunteers where we serve meals to about 1,500 people over lunch and dinner. It takes a team to put something like that together and have it run successfully. I also organize this same group to build handicap ramps as a charitable donation to the recipient, which also takes between 6 and 10 volunteers to make for a successful build (over this same time period, we have built nearly 100 ramps). I live in the Falls River community and have been active in the HOA and most recently have served on the safety advisory committee. I can easily plug into the Falls River community group via our mailed newsletter, by email, on our Facebook group, and on Nextdoor and I know many of the thousands of residents in Falls River would be interested in planning this park. Previously, I served on the Falls HOA, which is even closer to the park off Fonville Road and I continue to maintain relationships with several of the residents in that community.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Sure, I am a real estate developer and over the last 20+ years I have helped to design and build several private parks, playgrounds, programmed open spaces with walking trails or multi-use paths, play fields, dog parks, pocket parks, club houses, swimming pools, fire pits, gathering spaces, etc. I have also worked to thoughtfully preserve riparian and tree conservation areas. This work has involved planning with designers, engineers, municipal, state, and federal personnel as well as budgeting and finally building these improvements. And as I mentioned in my initial application, before the City acquired my land in 2022, I used to own a portion of the property that will become the Neuse River Park. In fact, my family had owned the land for over three decades and I would welcome the opportunity to help steward the property and turn it into a park.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>I love the greenway and use it frequently. I am retired but have spent my career is construction and project management and I think I could be a valuable participant on the CAG.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>I live in the Berkshire community adjacent to the Neuse river</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Berkshire community is a middle class housing track with a diverse age group. Lots of families with kids.</p>



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>40 years of project management in large power plant construction. Excellent project management skills.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	<p>Because I live in the area and use the Greenway Trails regularly. I care deeply about the community. I live on the north side of Falls Lake off of Hwy 98 and walk the trails surrounding the lake daily in addition to walking the Dam, the Visitor's Center, etc. I have a great enthusiasm of the history of the area and have met with various park rangers to learn more about the history. I think it's important to participate in these situations that give the public input to ensure that future generations have access to the area resources that I enjoy so much.; I want to ensure that outdoor resources continue to grow as our population grows. I want my 5 granddaughters to continue having easy access to all of the resources that are available surrounding Falls Lake and surrounding parks, playgrounds, trails, etc. I am a young retiree and have too much time on my hands and want a fulfilling volunteer opportunity. I love living at Falls Lake and am usually hiking or walking the greenway trails regularly. I care about the area in which I live and want to contribute something meaningful.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	n/a
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	n/a

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I am a researcher in Wake County and am very knowledgeable about it's history. I am a retired professional genealogist, so I've studied the area thoroughly as I wrote a book about various families of the local area including the land I presently live on. I love the history of our area. I love that we have the Mountains to Sea Trails and the Greenway Trails so easily accessible. I enjoy participating in the trash cleanups on Falls Lake to keep it clean. I use the lake regularly as well for recreation. I'm also a retired Network Engineer and have a great IT background.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>FYI - I'm just outside the city limits of Raleigh although I have a Raleigh zip code and address. I live on the north side of Falls Lake off of Hwy 98 near Barton's Creek boat ramps. I am at the various boat ramps and trails on a daily basis.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I'm willing to participate in everything but for the September 2023 meeting I would need a precise date as I will be out of the country for 2 weeks in September. I'm happy to participate in every way needed.</p>

<p>Are you comfortable representing your group's interests in an official capacity?</p>	
<p>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</p>	

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I walk the Neuse Greenway frequently and have enjoyed learning it's history, have researched the area and have visited the Falls Lake Relocation Cemetery for graves that were relocated during the formation of Falls Lake. I live very close to the State's property near Barton's Creek boat ramps. As a boat owner, I also use my boat on the lake frequently. I also paddleboard using Beaver Dam lake as well. I have hiked many, if not most of the trails surrounding the lake. I used to be a Professional Genealogist and researched much history surrounding the Neuse River. I'm a regular homeowner that lives nearby. I'm a retired Network Engineer and think very analytically in ways to enjoy the area. I enjoy the outdoors very much and wish to be a part of efforts aligning with the Neuse River Park Community Advisory Group. I would like to contribute and give back to my community and hope that I am able to be an asset to the team.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>The park will be directly behind me.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I have great neighbors but I am concerned about new people walking through my back yard.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>No</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p>Are you comfortable representing your group's interests in an official capacity?</p>	
<p>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</p>	

**Could you please share what unique perspective or lived experience you would bring to the group?**

<b>Why do you want to serve on the CAG?</b>	I have lived in Raleigh on and off for 20 Years. I have chosen to buy a home and only take work in this city, because of the many reasons, I believe the Raleigh Green-ways are one best public and natural project features of any city in the entire world. I believe the Raleigh Green ways are a state and national treasure. I am on the trails daily... for over a decade.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Only myself

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I volunteer for a variety of nature and outdoors-manship organizations. Including community gardens, orienteering clubs, scouting, and previous volunteer work on the sea to mountain trail and Appalachian trail.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Colin Burkitt another resident who has volunteered with me on several occasions. I can reach out as well. Colin.burkitt@gmail.com</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I believe that there is opportunity for improving Raleigh citizens participation in utilizing the Green Ways. Many residents have heard of this great resource but havn't ventured out or make regular plans to travel on them. Seeing how well kept and managed the trails are I would like to participate in both maintaining and planning for the trails, as well as, engaging Raleigh residents to experience this treasure.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I can make the six CAG meetings as I intend to be in town those months.</p>



<b>Are you comfortable representing your group's interests in an official capacity?</b>	I am an active citizen in Raleigh and have great communication opportunities and skills to reach fellow citizens in my and the surrounding communities.
<b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b>	

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I partially grew up in Raleigh from middle school on and have been hiking, running, biking, on the greenways for 20 years. I am an active student and member of NCSU and have many friends in the college of natural resources, of whom, do many research projects along our green ways and waterways. My interest in participating in the future of the green-ways of Raleigh is to help preserve this amazing feature that unites people and nature throughout the city, to get more people on the greenways, and to preserve and improve them for future generations.</p>
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<b>Why do you want to serve on the CAG?</b>	I have operated a fishing guide service on the upper Neuse River for 8 years and want to be directly involved on any changes that might impact my business.
<b>Do you represent an organization, neighborhood, or civic group?</b>	N/A

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have 8 years in educating and teaching outdoors as a guide. I have 20 plus years experience in recreation programs.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Graham Jackson owner Neuse River Outfitters</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I'm excited about a plan to create an outdoor water experience for the area. I am more interested in seeing how it will affect the fishing and flow/ discharge in the river. We run 100 guides float trips/ year on the Neuse and need to know what might change.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<p><b>Why do you want to serve on the CAG?</b></p>	<p>I am the president of the non profit that lobbied the city to add this park to the bond. We have been working on this park project for nearly 20 years.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>Yes Non profit Falls Whitewater Park Committee</p>



<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>We have worked for the last 20 years to bring a community access to the Neuse River below Falls Dan</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Yes I was one of the stakeholders during the feasibility study done in 2012</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Carolina Canoe Club    Great Outdoor Provisions</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>1. I'll be out of town September 1st and 4th. I will likely be in town in November and January except for holidays. In March 2024 I will be out of town the last week of the month. In August 2024 I may be off the second week of the month but those plans are tentative. I may be off the middle of the month to take my daughter to college but again, I don't know the dates yet. In September 2024 I will be out of town for Labor day but I don't have any other plans right now.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>2. We have a Facebook page for what was being called Falls Park before the name change. We have 1,000 followers and 975 likes so I'll be able to easily communicate with a large interested group.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>3. We formed our first committee to lobby the city to build whitewater features near Falls Dam in 2002. Our committee has consisted of dozens of different folks over the last 20 years. In 2012 we became a 501 (c) 3. We were stakeholders in the 2012 feasibility study for Falls Park. That group worked in a similar way to the CAG where there were lots of different stakeholders at the table and we worked together to come up with a product that was acceptable to all. Since then I have met with many community leaders and business leaders sharing the vision of Falls Park. I have spoken to Rotary Clubs and church groups about the vision for Falls Park and sat in booths at festivals to answer questions the public has. I would love to continue to spread the word about what a unique opportunity we have with Neuse River Park to bring people to the river, get them in the river, give them an easy way to access the river and care about the river.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>4. I guess my answer to #3 covers #4 too. I have spent 20 years of my life advocating for Falls Park. I've learned so much about parks, advocacy, permitting, politics, whitewater engineering, etc. I have visited numerous whitewater parks around the country to see how they are used and what works well. My job in the media gives me the skills to be able to communicate well with the public and in groups. In my free time I spend as much time as possible in the river or in the woods on my mountain bike.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>To serve the community and help make our waters a better and cleaner place to enjoy.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>Neuse River Outfitters</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Owner/Operator</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have run a kayaking outfitter for 3 years now, with many more years in the outdoor industry in various capacities. My special skills/interests would be the years of experience I have on the water, as well as running river clean ups in the community in order to further protect our waters.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I would definitely be available for all of these dates.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>I am very comfortable with these responsibilities and have been performing similar representation with all sorts of different types of information, whether it be fishing conditions, river conditions, current safe and unsafe areas on the river for floating, the list goes on and on. I would be happy to represent my group's interest in this capacity.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>Relationship building is a huge part of what I get to do as a small business owner, and information feels like it is practically half of my job. I have a pretty well established community network of folks who love to see our waterways flourish and become better. With sharing information with our community about this park planning process we would be able to encourage participation by highlighting the aspects of this park that they are excited about, and showing how we are working to make their aspirations a reality.</p>



<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I grew up in the Raleigh area my whole life and have watched it change so much since my childhood. I have thoroughly enjoyed teaching casting, fishing, and kayak lessons on the river for years and I believe my unique perspective would be useful for understanding how the water acts and reacts to the changes happening to it and around it. Rivers are unique waterways in that you never step into the same river twice as it is always changing.</p> <p>I hope these answers are to your satisfaction, and I am happy to help in any way I can for this project.</p>
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<b>Why do you want to serve on the CAG?</b>	<p>I live in Bedford at Falls River and within walking distance to the Greenway access.</p> <p>I am a NCSU alumnus and have lived in Raleigh since graduating in 1987 other than a few years spent in Charlotte before moving back here in 2017. I was a corporate marketing executive for 25 years and about 3 years ago retired from that to pursue a career in real estate and spend more time with my family. I am passionate about the community we live in and have an excellent set of leadership, communication and marketing skills that may be an asset to this advisory group. I would love to assist in anyway I can.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	<p>I serve as a trustee on the Board of the 200 Club of Wake County.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>The 200 Club of Wake County provides immediate financial resources to the families of first responders who lose their lives in the line of duty. Additionally, we provide scholarships for spouses and children of those who have had a line of duty death.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>The residents of Bedford at Falls River are awesome! Our neighborhood is a close knit community. It is evident during the holidays, block parties, coming to each other's aid when needed and the Bedford kids playing together outside.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I feel extensive marketing background and now real estate knowledge would benefit CAG.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>When I lived in Charlotte for a few years, we visited the White Water Center many times and had a season pass. I think we could take some ideas from there.</p> <p>I also think we could create a marketing campaign through social media and other low cost tactics to get the community excited about this project.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, I will be available all of the months outlined. I have a very flexible schedule and can plan accordingly.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes! I am very comfortable being the representative for the community. I am currently a Realtor, however until about 3 years ago, I had a 25 year career as a Marketing Executive and oversaw/executed many community events. I am accustomed to working with many people and speaking on their behalf.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I live in Bedford at Falls River, I am a member of the Summit Church and volunteer in kids ministry there. I am a trustee on the Board of the 200 Club of Wake County. I have lived in Raleigh since 1984 other than when we moved to Charlotte for my job from 2012-2017. I am an NCSU grad and Raleigh is home. I can market to the large community of people I have in my corner and feel strongly that I can get them, as well as others, excited about the Neuse River Park!</p>

<b>Could you please share what unique perspective or lived experience you would bring to the group?</b>	<p>As mentioned, I had a long career as a marketing executive. I am a leader, problem solver, writer, and communicator. I think these skills would benefit the CAG. Plus, I am super excited about the park, so my energy would be an asset as well!</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>want to serve on the CAG because the decisions made by the city will directly impact my property interest.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>River Run</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I do not represent an organization or civic group</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>represent the River Run subdivision and the decision to construct a park and use part of the River Run land as parking will impact the residents in my neighborhood.</p>



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have a legal background that will help the CAG.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Kingsley Igboanugo, Vanessa Totten and Emmanuel Paul.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>No comments</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Availability Confirmed</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I plan to use my relationship building skill to reach out to members of my community and provide them with updates in reference to decisions made by the committee.</p>

<b>Could you please share what unique perspective or lived experience you would bring to the group?</b>	My unique perspective and lived experience make me a viable candidate for the selection committee. I have lived through the odds and worked extremely hard to get to where I'm at in life and will provide valuable insight to this group.
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<b>Why do you want to serve on the CAG?</b>	I serve on the River Run HOA as a Board Member representing the 80 homes that boarder your proposed park. We have an extremely dangerous intersection at Wide River and Falls of Neuse Road. We also need to ensure that our livelihoods, community safety and home values will not be negetively impacted.
<b>Do you represent an organization, neighborhood, or civic group?</b>	River Run HOA Board Member (1 of 3)

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>River Run HOA Board Member (1 of 3)</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Very concerned about traffic, crime and the impact of public access near our Community Center and HOA pool.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I understand and represent the community that owns the homes next to the land (presently a beautiful forest) which is under consideration for a new park.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>River Run HOA</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Please invite me to join this CAG help in the planning of the park and communications with the homeowners I represent.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, I work from home here in North Raleigh by the new park, and I will definitely prioritize and commit to all important meetings</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I am the current Vice President for the River Run Community Board. The River Run community homes represent almost all the homes that border the proposed water park, and I have been elected to represent these homeowners.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I was elected to the Board for River Run under a promise to be pragmatic. I am an excellent written and oral communicator. I have lived in River Run for many years raising a family of 3 children, and I am active in their education and schooling, and the community.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I plan to live in River Run for many decades to come and I welcome a new park. I want to ensure that the 140 homeowners I represent will remain updated on all activities, designs and decisions and I will represent their positions in our CAG meetings. I will ensure they understand the park design, and have the opportunity to have their voices heard if they have constructive input or objections, and also to understand the decisions made, and both sides of any arguments.</p> <p>I believe that I will be the ideal candidate primarily for 3 reasons.</p> <ul style="list-style-type: none"> <li>o I currently serve as an elected representative for the 140 home River Run community that represents about 90% of the new park border that touches residential homes. I am presently in a role where I already represent and inform the River Run community, and those from other residential HOAs we met with who live close to the new park but much further away.</li> <li>o I am a pragmatist, with an engineering background. In the meeting with TJ, we seemed entirely aligned on how likely the \$11 Million can be used to make a very nice river feature park here, and the input of locals will provide excellent input to avoid design decisions that will detract from the project and outcome.</li> <li>o I have already been very involved in outreach and have attended many meetings, such as the local HOA gathering meeting July 13 with Megan Patton, the July 20th city meeting and the aforementioned River Run Board meeting with TJ July 27.</li> </ul>
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<b>Why do you want to serve on the CAG?</b>	I have been an avid and frequent user of Raleigh's greenway. I've been a cyclist, hiker, and runner for over 20 years. I co-founded and co-owned a local bike shop, Oak City Cycling. I am also the Executive Director of Oaks and Spokes, Raleigh's bicycle, pedestrian, and multi-modal advocacy organization.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Yes. Oaks and Spokes.

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>We foster a growing and vibrant cycling community. We advocate for improved bicycle and pedestrian facilities on city roads, improved trail connectivity, and a holistic multi-modal network. We provide services, resources, and education to underserved communities to increase equity in local transportation.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have extensive experience with planning events and recreational programming, engaging local community groups, as well as institutional knowledge of Raleigh's greenways and neighborhoods. Furthermore, I represent a diverse board of people that include environmental law, city planning, land development, and transit engineering.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	This project will be part of the community where I live. I want this to be a community where people can feel safe, comfortable, and welcomed while enjoying the park.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Wakefield Plantation -Cheshire

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>We are a friendly neighborhood that engages with one another. Many have families with young children, others use our community to exercise, take their dogs for a walk, etc. I see this as bringing our neighborhood closer together and allow new neighbors to feel welcomed.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Amy Wenger- HOA board member The Villages.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, I can confirm availability.</p>



<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I do this with my current work position. I recently spoke in front of 500 people.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I will engage with those in our community by speaking at upcoming HOA meetings within our community, using NextDoor as a resource to share information and obtain valuable feedback, and sharing information on social media sites.</p>

<b>Could you please share what unique perspective or lived experience you would bring to the group?</b>	<p>As a daughter of a father who was in a wheelchair, our family missed out on many outdoors opportunities because he couldn't get his wheelchair to certain areas. This is extremely important to me when working on this project. I want to share this information to help others understand this need so that everyone can feel welcome.</p>
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<b>Why do you want to serve on the CAG?</b>	<p>There are many reasons why I want to serve on the Community Advisory Group for the Neuse River Park. First of all, I fully support this development and was excited to hear about the project. My husband and I are frequent users of the Neuse River Trail as cyclist, and my husband, friends, and neighbors all utilize the kayak launch area regularly. The project could have a great economic impact to North Raleigh. At the same time, I know the development could also come with opposition from residents who live nearby.</p> <p>I have lived in North Raleigh for almost five years, and I love this area for the access to amenities and especially the greenways and parks. I am a board member on my HOA, and I have a lot of professional experience from working on large university-wide projects where community input is considered. I listen carefully to both sides of an argument, and I try to help mitigate a middle ground or decision that is in the best interest of the majority while also completing the mission/charge of the project.</p> <p>My professional background is in international and internal communications, marketing, and event management. I have dedicated 15+ years to my profession and can vary communication strategies to reach a target audience. I also previously taught a public relations course at the university level.</p> <p>You can learn more about me on my LinkedIn profile (<a href="https://www.linkedin.com/in/jenny-evans-23410424/">https://www.linkedin.com/in/jenny-evans-23410424/</a>) and review portfolio (<a href="https://jennynneevans.blogspot.com/">https://jennynneevans.blogspot.com/</a>) for examples of my project work.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	<p>Maybe? I serve on the Alyson Pond HOA Board (facilities representative currently).</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>My neighborhood, Alyson Pond, is in the target region for Neuse River Park. Alyson Pond is about 200 homes and a mix of residents who have lived here since the early 1990s and newer residents who have moved here in the last 5-10 years. It is a mix of empty nesters, young families, and professional DINKs (dual income no kids).</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>At my two former places of employment, North Carolina State University and University of Kentucky, I was heavily involved with four campus-wide initiatives. All made a lasting impact. At NC State, I was the Co-Chair of the Wellness Advisory Committee, Academia Working Group and the Executive Coordinator of the Strengthening University-Wide Interdisciplinarity Strategic Planning Task Force. At UK, I was the Facilitator of the Wildcat Foundations: Organization Dimension Committee and the Executive Coordinator of the Provost's Blue Ribbon Panel on Graduate Education. You can read more about my involvement with these four projects at <a href="https://www.linkedin.com/in/jenny-evans-23410424/details/projects/">https://www.linkedin.com/in/jenny-evans-23410424/details/projects/</a>.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>N/A</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I have lived in North / Northeast Raleigh for almost five years now. I am very interested in serving on the CAG. I hope I am selected for this group.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<b>Are you comfortable representing your group's interests in an official capacity?</b>	Maybe? I serve on the Alyson Pond HOA Board (facilities representative currently).
<b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b>	N/A

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>My neighborhood, Alyson Pond, is in the target region for Neuse River Park. Alyson Pond is about 200 homes and a mix of residents who have lived here since the early 1990s and newer residents who have moved here in the last 5-10 years. It is a mix of empty nesters, young families, and professional DINKs (dual income no kids).</p>
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<b>Why do you want to serve on the CAG?</b>	I'm walking on the greenway/dam/MTS trail or kayaking in the river/lake several times a week.
<b>Do you represent an organization, neighborhood, or civic group?</b>	no



<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>New kayak/canoe launch areas...</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I could be available for monthly meetings....</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>N/A</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I would not say I am a community builder, and I am not on Facebook or my subdivisions community page. I am however, definitely committed to solutions, especially if they help serve typically underserved folks.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I live just minutes from the dam in the RiverRun community, and walk on the greenway or hike around the lake or paddle on the lake or river all the time (4-5 a week).... And I make it a point to stop and chat with anyone who looks a little lost or new to the area just to send them in the right direction. I'm a middle aged mom with multiple kids - elementary through college. We also own a condo in the old river mill, directly across the river from this new park</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>As an active member of Bedford at Falls River neighborhood, I feel it is important to be involved in this process.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>A strong family neighborhood that is physically active.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have been an active volunteer since 2003 with the Friends of the Mountains-to-Sea Trail which passes through this proposed park along with the Neuse River Greenway. I am currently on the Bedford at Falls River HOA Board, but not representing them in this project. participate and until 2023 led the Bedford at Falls River adopted two miles cleanup of the Neuse River Greenway.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>It is important that the City continues to expand recreational opportunities in North Raleigh.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>While times and specific dates were not provided, I have great interest in nurturing this project and will clear my calendar to ensure I can attend once the dates and times are confirmed.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>I have no problem with communication as I have traveled extensively for several corporations and provided education throughout North America on those assignments.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>To me, almost everything in life is done with a Team or Partner attitude and it has been a very successful approach for me personally. I have been on multiple HOA Boards for 15 years. I was the Team Leader for a Corporate Group and traveled extensively for seven years with IBM on a process improvement mission. After my first retirement, I assisted several startup companies and then spent time with PriceWaterhouseCoopers and Nortel Networks in an Operations Management role.</p>



<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Early in my career in Supply Chain Management, my focus was process improvement. I dealt with people of all levels and provided solutions for savings and streamlining processes. As I grew in experience, I found sharing the experience was good for our company and myself. I have worked in operations, logistics, contracts (local and national) and outsourcing. In my spare time I flipped houses and spent time as a Realtor. I am currently responsible for the Facilities operation of our fabulous HOA (Volunteer).</p>
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<b>Why do you want to serve on the CAG?</b>	I would be able to provide intelligent input into the group's activities as well as valuable support for the tasks associated with meeting the group's objectives.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>n/a</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Only as a player, coach and consumer of park services. That background includes my residence in Raleigh for over 40 years raising three children that have participated in various programs at Raleigh parks. I've been an avid bicyclist using Raleigh's greenways for decades and have watched them grow into their current state.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I've been using this trail since it's inception. I live within 2 miles and have a 10 year old son. I'm also recently retired and I love the outdoors and would love a place for kids and adults alike. My hope is to create a garden club and make it a destination park like Duke Gardens for people to come relax, walk, eat and gather.
<b>Do you represent an organization, neighborhood, or civic group?</b>	I do not.

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I own multiple homes and have general knowledge. Having been through process of raising a young boy I know what's important and I also have a great eye for esthetics and what most people enjoy.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Being so close to the trail it would be great to preserve its natural beauty and compliment it with gardens, picnics areas, frisbee golf, playground, pavilions for parties. I'd combine best of Joyner, Blue Jay and Duke or WRAL.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I previously served on the Falls of Neuse Area Plan Advisory Group (via City Coubcil appointment) which included the area for the proposed park. I am an active member of the adjacent Bedford community and I am very familiar with ; In addition to my previous comments regarding serving on the CAG, I have worked with the adjoining HOA's in this area
<b>Do you represent an organization, neighborhood, or civic group?</b>	The Bedford community

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I have served on the Bedford HOA Board for 7 years, including President.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Bedford residents are a diverse and active group. There are 600+ acres and 1741 homes in Bedford, which makes it one of the largest neighborhoods in Raleigh. Younger, active families are moving in at a faster rate than other groups.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>As mentioned earlier, I had the pleasure of working on the Falls of Neuse Area Planning Group a few years ago and I'm familiar with the proposed park area and have worked hand-in-hand with representatives from surrounding neighborhoods.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>All neighborhoods in close proximity to the proposed park should have a voice in the planning and design process. Since the Greenway will be impacted by the park all adjoining neighborhoods to this section of the Greenway should be included.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I understand that 3 "groups" have been identified to contribute to the park planning. The "core" group is the adjoining neighborhoods. The other perphera; Completing my comments...</p> <p>The other 2 groups are useful but peripheral to the overall process. This approach worked well for the Falls of Neuse Planning group and will ensure a successful planning and design process.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I am available for meetings on the months indicated (Sept; Nov; January; March; August; Sept). Of course, a key element for all CAG members will be scheduling the actual dates and times that fit the majority of the group. This activity is a priority for me and I will strive to accommodate.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>For the past 7 years I have served as a Board Member of the Bedford Home Owners' Association (2 years as HOA President) so I am very familiar with communicating to a diverse audience in the immediate community. I have also served on the Falls of Neuse Planning Group (via City Council appointment) which involved collaborating with a dozen or so community representatives from nearby neighborhoods to develop a long-range plan for Falls of Neuse Road from Durant Road to the Neuse River (including the Leonard tract). I am very comfortable representing not just my neighborhood but adjacent neighborhoods as needed.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I am very familiar with the critical task of building relationships through active listening, inclusive collaboration, and effective communication. I plan on conducting regular meetings with Bedford Homeowners (and collaborating with other HOAs) to keep everyone informed of progress (Meetings will occur at the HOA Clubhouse to enable as many people as possible to attend). Information updates via newsletters and social media will also be used.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>First, I am well aware of the local issues and challenges in the Falls of Neuse corridor via my previous experience on the FON Planning Group. Second, my 7 years of experience on the Bedford HOA Board has enabled me to be actively involved in local community issues, including effective listening, needs analysis, and problem-solving. Third, my 36 years of professional experience as a Human Resource executive for several large organizations (more than 5,000 employees) has provided me with extensive involvement in strategic planning, financial management, relationship building, and collaborative efforts to improve individual and organizational performance. I have deep experience creating a diverse and inclusive work environment and those skills will transfer well to this project.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>As a member of the Neuse River Greenway community, I feel that I have a civic duty to understand land development projects and advocate for the preservation of the local wildlife.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>Falls River</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Resident</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<p><b>Why do you want to serve on the CAG?</b></p>	<p>I would love to have some input on a park in my community.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Not really . I used to organize small sporting events in Charlotte for Charlotte Roller Derby (when they were the Charlotte Roller Girls).</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>It would be great to include (depending on the scale of the project and topography) a skater park and/or disc golf. Anything to include more than runners and cyclists since they are largely catered to a lot.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	



<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<p><b>Why do you want to serve on the CAG?</b></p>	<p>Establish a relationship with the larger community outside of my neighborhood within Wakefield</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>We are a diverse group of residents; young parents to seniors and of various ethnicities. I see the senior population as the biggest change to come as they down size and young families move in.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have a diverse work and personal interest history which can provide varied and creative solutions to potential problems.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Recreation department would be wise to include as they may benefit from the park use.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>N/A</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>As of now I have availability during each of these meeting periods to attend. The caveat to this is I am currently going out for the Raleigh Fire Department, and if I make it the Fire Academy begins in October and goes for 8 months severely limiting my availability. Additionally, I have a college aged daughter in college up in Boston. My wife and I do go up a couple times during the fall to see her, so September availability could be limited.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>I am absolutely comfortable communicating with community members. I am an active member already in my Pet Care business, thus this role would not be a problem.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>Throughout my work career, I have been known as the "fix it" guy, always fixing others mistakes or problems. I am also one to ask for suggestions from community or team members in order to create a collaborative atmosphere. My pet care business helps me to be visible on a regular basis, and my natural instinct to fix things allows me to draw on my own experience and existing relationships, as well as new ones, to find solutions.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I am a Jersey boy, born and raised, my family moved to Raleigh 2 yrs ago. The way of life and fast pace couldn't be more different. I've also worked in a variety of industries from cook to mechanic, corporate finance to pet care. By nature I tend to have different approaches and views from my peers on many topics as a result of my life experience which makes my contributions invaluable. My wide array of extra curricular interests also serve well; from gardening to pets, outdoor sports to pop culture collecting. I bring a wide array of interest to the table.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>To ensure my neighborhood has interested representation.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>River Run</p>



<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>The residents of River Run are considerate and peaceful individuals. We are a neighborhood made up of hard-working families that care about our community and homes as well as the areas around our community.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I do not have a background in any of those specific areas but as an interested homeowner that has lived in the area for more than 10 years I feel my opinions and perspective would be important to building a space that is inclusive, accessible to all while also making sure the current homeowner concerns are listened to and addressed.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<p><b>Why do you want to serve on the CAG?</b></p>	<p>The decision will impact my neighborhood</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>NA</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>The residents in my neighborhood are amazing and open minded</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Yes, my experience will help CAG</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Kingsley Igboanugo</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>NA</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	



Could you please share what unique perspective or lived experience you would bring to the group?

<p><b>Why do you want to serve on the CAG?</b></p>	<p>I want to question the project</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>Wakefield</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</p>	
<p>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</p>	
<p>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</p>	
<p>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	As I live in Wakefield and use the property adjacent to the proposed Neuse River Park for recreation, I am interested in how this park will be developed.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Wakefield Plantation

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I have served on the Wakefield HOA and remain in contact with our Board.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Wakefield is built out at over 2,700 unique residences, plus apartment complexes, all told, representing several thousand people. It is a mixed development ranging from patio homes and townhouses to estate homes, plus several apartment complexes of different price points and two senior apartments complexes.</p>



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>My husband and I are avid cyclists, hikers and kayakers who have supported past park projects.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Wakefield HOA, but I believe they are already aware of the CAG</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I have some travel dates in September and January—but should otherwise be available.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>I can keep the Wakefield HOA informed as need be.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>Not so sure about this question. It is my understanding that one does not need to be a community organizer to contribute to the CAG</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I have lived in this area for over 25 years and have watched our parks and greenway develop. Going forward, I believe I have a strong vision of the community's needs.</p>
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<b>Why do you want to serve on the CAG?</b>	I would like to be part of the CAG because the more common conception with these type of projects is that project managers only talk to engineers and engineering firms and planning organizations. I'd love to be the "voice of the common". Also through my role in my non-profit organization (see below) I hope we can gain a level of community engagement that will be satisfactory for everyone from beginning to the end.
<b>Do you represent an organization, neighborhood, or civic group?</b>	I am current Chair of the Board with Oaks and Spokes

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Oaks and Spokes is a local non-profit advocacy group that is advocating general mobility and accessibility and encouraging communities to rethink be active in transportation infrastructure.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>For all the proposed dates, I am freely available Monday-Friday after 4PM, except for Second Wednesdays of the month (e.g., 9/13/23, 11/8/23, 1/10/24, 3/13/24, 8/14/24, 9/11/24) when I have my Board meetings. I can also make myself available M-F 8AM-4PM but I'll need to know the dates and plan my day around it since I do have a full-time day job. For Weekend availability September I only have one weekend free and in town, 9/23-9/24; November 2023 onward weekends are free.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes I am comfortable relating pertinent information to groups large or small. Being a public face of a non-profit organization tends to prepare a person for such a skill set.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>This year, under my direction and supervision, we reopened the Oaks and Spokes Advisory Committee. Advisory Committee serves two purposes: we engage our membership (and at times general public) on issues they seem and wish to address, and we bring it to the City Staff or BPAC, or Park, or whoever has the authority to do something about it. The other purpose, is to take any current and future projects posted by the City and Wake County, like the recent Person/Blount project or Five Point project, and bring it down to our membership level and help recruit public input and feedback by opening up the conversation and then encourage them either input themselves to the Public Input portal, or we collect comment and help provide their input in a more collective frame as letters of support from our organization to the project leads.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Since graduating college in 2005 I have lived and worked all over Raleigh and Wake County and the Greater Triangle areas (Cary, Morrisville, Apex, etc.) At times I did not own a vehicle, or even a "permanent address", until I purchased my own home in East Raleigh. When I first moved in, Anderson Point Park was merely piles and piles of gravel and it was weeks before the ground breaking ceremony happened. Now I'm potentially living next to another proposed park project at Kellam-Wyatt Farm.</p> <p>I often commute from Lynn Rd, through many miles of the Capital Greenway system, to Anderson Point Park, and now I also cover the many many miles between Anderson Point Park and Clayton downtown via Neuse River Greenway.</p> <p>I hope you can see that I am a frequent user, and supporter, of the City of Raleigh Parks and Rec system and Wake County Parks and Rec system.</p>
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<b>Why do you want to serve on the CAG?</b>	As a Raleigh native and a mom to 3 (5 year old that will be in Kindergarten at Abbotts Creek this Fall, 3 year old and 8 month old). I bring a knowledge of City of Raleigh parks from the perspective of a mom, but also a love of nature and wanting to keep the areas natural beauty. I work full-time in Corporate America and when my work day ends my kids and I love to park-hop. With the proximity this park will have to our home I would love to be able to provide my input on the project.
<b>Do you represent an organization, neighborhood, or civic group?</b>	I do not

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Depending on the exact date, yes I am available.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>As a local mom of 3 - I would engage with other local moms at the preschool, my child's elementary school, and within my neighborhood to get their input and encourage their participation of the park that will be going in, in our area. I would encourage them to also engage their networks to ensure we have a broad audience to be able to provide their insight and participate in the planning process.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>As the granddaughter to a Professor of Botany at NC State for 40 year I have grown up with a love of nature and wanting to ensure that as many people feel welcome in the outdoors as possible by providing a space that is easy to enjoy for all. As a mom, I bring the perspective of what my kids (age 1, 3 and 5) would love, as well as, what would make me feel safe for my kids to experience and inclusive for their friends that come from many different backgrounds and abilities. I have a passion for DIB and hope to be able to look at the project through the eyes of inclusion.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>So that someone from the community, Wakefield Plantation, has some input on the CAG.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>Yes, Wakefield Plantation Home Owners Association</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Currently the president of the HOA Board</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>The residents are looking for access to the Neuse River Trail, we need safe access to the greenway. Our hope would be to have the city fund the Wakefield Small Area Plan that is now incorporated into the city's master plan. We would love to see some playgrounds close to the community, within biking or walking distance.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Yes, I would like to see some tax dollars flow back to North Raleigh to develop recreational activities and trails to access the Neuse River. Also, with the growth in North Raleigh please incorporate more parking, with growth comes more people.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Please reach out the various Home Owner Associations that surround the planned Neuse River Park.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Need safe access to the park, plan on playgrounds for the children, and communicate, communicate, communicate! Please keep the surrounding communities aware and involved in the planning.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, the six tentative meetings have sufficient time to plan and adjust around. I'm retired now, and my wife and I have decided to stay in the community due to all the area has to offer.</p>



<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I currently serve on the Wakefield Plantation HOA which means I represent 2700+ homeowners. Also serving as a coordinator from our church to the Rise Against Hunger organization. It is keeping folks informed or sharing where they can find/access the information that is important.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>See above. In addition, I'm a member of the local American Legion so I have been involved in fundraisers, participating in the City of Wake Forest to coordinate parking for events at Joyner Park, and cleaning trash from sponsored highways. Ultimately, the proposed park is for the community at large, individuals do not have all the answers or solutions. Therefore, community input would assist in developing the best possible amenities with the available resources and timeline. Best example I can provide would be to LISTEN. Through the HOA, church, and Legion (not limited), I can inquire and solicit for input to find out what the community desires for the park and work with the city to determine the possible. From the HOA perspective, it is not easy pleasing 2700+ homeowners. Everybody has their opinion and solution, but the goal and mission is to do what is best for the community, not necessarily individuals.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Above answer provides some of my local volunteer activities. My primary work experience was military service and the pharmaceutical industry. In the military, I was both enlisted and retired as an officer, holding a variety of positions and jobs. Served multiple tours overseas. Unique perspective would be running the distribution center for the USMC in 2005, this required the receiving, sorting, loading and shipping/delivery for all classes of supplies and material to Marine forces in the Anbar Province, Iraq. In 2009/10 Afghanistan, I assisted in the successful logistical support to 30,000 additional forces arriving in the country. Imagine 30,000 people dropped off in Raleigh, where do you house, feed, and provide for that number of people with no modern infrastructure. My pharmaceutical experience required me to call on various medical specialties and hospitals in the eastern half of NC. To be successful, it requires coordinating and meeting the needs of one's customers.</p> <p>Finally, I'll mention I've lived in North Raleigh since 2001 and have experienced the tremendous growth taking place. It is now home, so I would love to see the successful development of the Neuse River Park project for the future betterment of the community.</p>
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<b>Why do you want to serve on the CAG?</b>	<p>I have been involved in natural resource protection in the Triangle Area for 20 years and believe this is one of the most iconic and critical sites for connecting citizens with nature in the region. In addition, TLC has a long term initiative to protect lands in the Falls Lake Watershed and along the Neuse River to support habitat connectivity and regional trail efforts. In fact, we own 6 acres in the River Mill community on the opposite side of the Neuse that we manage for natural resource protection. Lastly, I lived at both River Mill and on Fonville Rd for 10 years and still live just north of this area. I am a frequent user of the greenway and river and have spent many years observing and getting to know many of the user groups that currently enjoy this site. I believe I can offer a unique perspective of both current, historical, and natural amenities of the park area.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	<p>Triangle Land Conservancy, Northern Wake County</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Triangle Land Conservancy</p> <p>TLC strives to create a healthier and more vibrant Triangle region by safeguarding clean water, protecting natural habitats, supporting local farms and food, and connecting people with nature through land protection and stewardship, catalyzing community action and collaboration</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I lived in the Falls Community for 10 years and also live in northern Wake. The biggest change I see is that younger families are moving into this area and there is an increasing desire from both the local community and larger area to have public access to these spaces.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have over 20 years of natural resource planning experience. I can help support inventorying and site analysis. I also have personally walked, biked, canoed, kayaked, and fished from this tract and have personal knowledge of how the current and future recreational benefits at the site could help serve the community.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>There are a lot of people who fish in this area, I don't think they are likely represented by a larger organization, but there is even a fair amount of subsistence fishing that goes on in the river and at the dam. It would be great to have a representative from this user group as part of this committee.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>As noted above I think it would be important to interview and involve those that use the site but may not have time, ability to serve, or knowledge of this committee.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Depends on time/date but should be able to make these</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I would be happy to promote the public planning process through TLC networks. I also have several contacts in the Falls area on both Fonville Rd and at the River Mill with whom I would be happy to help support outreach. It might be helpful to also share information with some of the local churches and schools that are located in the area.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>There are a variety of users groups who currently use and will hopefully use the site. I have experienced this site and the transformation of the area since before the greenway and new bridge have been in place. The access and improvements have opened the area to a whole new set of users and it is well loved by the community. This of course has come with some impacts including many new social trails, vegetation impacts, trash, and water quality impacts. That said I think the site is really an ambassador and gateway site to the greater community to access and recreate on and near the river. This is the start of the greenway, the start of a possibly blue way, and overall a wonderful respite from urban environments not far away. It also is really well loved by the youth. In fact this has been a well loved recreation and cultural site since the time of the Neusiok and Tuscarora. Raleigh has a unique opportunity to develop and engage all citizens with both the cultural and natural amenities of the site as well as the non-human flora and fauna who inhabit this critical corridor.</p> <p>For many citizens this spot may be their first introduction to the outdoors. I'd like to help make it a safe and welcoming place that appeals to all user groups and helps support connections with nature across the region.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>I want to contribute to the success of this amazing natural area that is within walking distance of my home.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No - represent myself but could take feedback to the Falls River community</p>



<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>See above</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I love canoeing and kyacking on the Nuese river.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Falls River HOA</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	To find thoughtful ways to continue to preserve North Raleigh neighborhoods as well as prepare it for growth in the coming years.
<b>Do you represent an organization, neighborhood, or civic group?</b>	

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I am one of the few people of color living in the Middleton subdivision and I see that demographic expanding in the future.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	



Could you please share what unique perspective or lived experience you would bring to the group?

<p><b>Why do you want to serve on the CAG?</b></p>	<p>I want more people to be able to get outside and enjoy open spaces.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I am a consulting forester and help plan forest management projects on private land throughout the state.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Lineberger's Tree Service, Triangle Land Conservancy</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, I should be able to attend the meeting</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I work as a consulting forester and have a network of area environmental professionals. We all have experience talking with the public about natural resource management and natural resource issues. I also have experience planning forest and wildlife habitat improvement projects and working with contractors and government agencies to get these projects completed.</p>

<b>Could you please share what unique perspective or lived experience you would bring to the group?</b>	I grew up in a rural area and value open spaces for both habitat protection and personal enjoyment. As a consulting forester, I spend my professional time helping landowners manage timberland throughout the state. I think it's important to protect and conserve open spaces in urban and suburban areas and hope my personal and professional experience will be of assistance.
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<b>Why do you want to serve on the CAG?</b>	Because I love nature. Because I grew up in Peru surrounded by parks, rivers. And last but not least because I went to visit Neuse River Park and fell in love with it and saw many ways it can become even more attractive and well known by the community.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No. I am part of the Latino community but I work in difference issues with all the communities.

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have been working with reaching out, inclusivity and accessibility for diverse populations including the community with disabilities.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>El Pueblo, Inc., Raleigh El Centro Hispano, Raleigh, Durham Colombian, Venezuelan, Mexican organizations</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I think CAG work is so important and much needed. Because Raleigh is a very diverse city it would be good to have signs as a Welcome, Thank you, We would love to see you soon...in some different languages. Begin with some mini tours as Elizabeth Gardner did with the Latinx community and others.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>yes.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>N/A</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>With the permission of CAG, I would like to use my community networks:</p> <ul style="list-style-type: none"> <li>a) contacting Hispanic media outlets</li> <li>b) suggesting the CAG to have presence in LatinX festival celebrations in Raleigh, Durham (I observed at the park that many people from the Hispanic community come from Durham to fish and enjoy the park beauty), and other towns in Wake County</li> <li>c) connecting with community LatinX organizations and disability organizations in the area.</li> </ul>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>As an immigrant from Peru one of the highlights of growing up was being surrounded by nature, parks, rivers.</p> <p>a) I would like to share the experience volunteering and working with the community with people with intellectual and physical disabilities.</p> <p>There are part of the community and yet they have more challenges that other communities.</p> <p>Would like to see Neuse River Park becoming a champion of welcoming, diversity, inclusion and equality.</p>
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<b>Why do you want to serve on the CAG?</b>	This park will be walking distance from my community and therefor will be utilized by my family and friends often.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?



<b>Why do you want to serve on the CAG?</b>	This is going to be a great asset to our community and I feel like I could make a positive impact on planning for it.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<p><b>Why do you want to serve on the CAG?</b></p>	<p>I live nearby the park, and I'm interested in the long term plan.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>Neighborhood</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I'm in a 30 home community of single homes</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I frequently walk on the existing trails of this greenway and Annie Wilkerson park.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, I confirm that I'll be availabbe for six upcoming Community Advisory Group meetings.</p>



<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I am comfortable authoring and sharing official communications.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I've observed another public servant, David Cox, using Nextdoor as a channel to share information. I would do the same.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I live in close proximity to the Neuse, and I'm often a traveller on the greenway. During the pandemic, I transitioned from in-office to remote. With the time reclaimed from that commute, I've acquainted myself with local flora and fauna. I'm still learning, and I enjoy the greenway as a place to practice walking meditations.</p>
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<b>Why do you want to serve on the CAG?</b>	Our side of town has been neglected for so long; I would love to help organize and give a voice to those that are part of the Neuse River communities
<b>Do you represent an organization, neighborhood, or civic group?</b>	N/A

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Confirmed; no foreseen conflicts.</p>

<b>Are you comfortable representing your group's interests in an official capacity?</b>	N/A
<b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b>	I'm a people person through and through. I've enjoyed getting to know others that live in our immediate community through our schools and parks/recreational activities. I have family that branches into the neighboring community and my daughter is an active student and I, PTA member, at hodge road elementary school.

<b>Could you please share what unique perspective or lived experience you would bring to the group?</b>	My career has specialized in property management and commercial real estate which I feel is relevant to the purpose of this project. I'm also very well accustomed to this area as I am one of the closest homes to the proposed park and feel I can provide real-time feedback as I and my family regularly use the trail and surrounding areas.
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<b>Why do you want to serve on the CAG?</b>	<p>We have lived at 6141 Riverside Dr, Wake Forest NC 27587 for 17 years now. We are a small street with only about 20 homes on it, independent of any HOA, however are proximally very close to and passionate about the proposed Neuse River Park. We love the amenities of our park system and look forward to being part of the growth of it. I have served in a few other community positions like the WCPSS Board Advisory Committee. We recently started the Wakefield Schools Foundation and as a foundation have adopted the Old Falls Of Neuse Rd from Riverside Dr to Dunn Rd and have worked hard over the past couple of years to keep the area clean which is the exact area of this proposed park. I understand the responsibility of an advisory group very well and also care very passionately about our community of which this proposed project is directly located in, but also understand budgeting, funding etc... as well as community outreach. I am very well networked within the communities ; I hit the comment button too soon, but wanted to finish with saying that I do not take positions like this or decisions like this lightly. I care about our community's overall health and happiness and would make every effort to understand the project, the details and the impact/benefit to the community and take every decision extremely seriously . To work alongside the City of Raleigh for this project would be an honor.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	<p>I can represent the Wakefield Schools Foundation, or Highland Park neighborhood, or could also just be independent. Wherever your biggest need is!</p>



<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>The Wakefield Schools Foundation supports all three of the Wakefield schools. We have also adopted Old Falls of Neuse from Riverside Dr to Dunn Rd.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Highland Park is just to the north and some of our street residents actually overlook the River. We do not have an HOA. We are about 20 homes with about 2 acres each. The majority of the residents are 60+ but that has been shifting to young couples/families over the past couple of years and foresee that continuing. Our street was not ever annexed by the city of Raleigh, but we are extremely close to the project so hoping that we can still have the opportunity to be a part of this project.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>My family loves to hike and loves our proximity to the greenway trail. I also work closely with the Wakefield schools and serve on the executive board of The Wakefield Schools Foundation. I think having a contact well immersed in the schools and community that will be so close to the project could be a strong asset. I have children at all three of the schools and have strong relationships with the administration and passion for the success of not just our schools, but our community also.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Cathy and/or Bill Rose</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>The community facebook pages in Bedford and Wakefield are very active and I am in all of them. The neighborhoods all have magazines that are always looking for content, so that could also be another option. I would definitely post in there. Suggest information sessions with time for questions, answers and feedback. Possibly could use the schools as large gathering areas for these meetings. I have been involved in enough like this I know that sometimes not everyone is happy with the projects. It's key to really ask questions and understand their concern so that can be thoroughly reassured and/or advocate of possible changes.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Depending on the exact dates, once those are determined, I should be available.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>Unless you have specific ideas/requests, I would primarily use social media to encourage participation ex. Moms of Wakefield FB group, Bedford Moms FB group, The Wakefield Schools Foundation FB page and possibly some of the Wakefield Schools parent pages to encourage participation. Will reach out to the to neighborhood magazine group as well to see if they would like to publish information. If needed, I would be willing to hold an in person information session, likely hosted at one of the Wakefield schools.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<ul style="list-style-type: none"> <li>•First and foremost, I am a resident of almost 18 years of Riverside Dr (which is less than half a mile from the project) and frequently visit the trail and dam. I travel Old Falls of Neuse everytime I leave my house, so can also provide insight not only as a very close neighbor but a frequent commuter as well.</li> <li>•I am an advocate for community involvement and support of our public entities which is why I was on the steering committee of the now formed Wakefield Schools Foundation. A non profit based on the idea that "strong schools = strong communities". When our schools are strong, it filters into every aspect of the community. Property values, businesses, and most importantly the students. Our mission is to support all three Wakefield Schools with funding through the community business partners and grant writing. Part of having strong schools and strong communities is keeping the roadways clean which is why we adopted Falls of Neuse from Riverside Dr to Dunn Rd. This year we became the beneficiary of the first ever Downtown Wake Forest Half Marathon. We are very excited to see how the foundation can continue to support our schools and our community.</li> <li>•I have served on the WCPSS Board Advisory Committee for years so I have experience attending informational meetings and reporting back to the PTA's. I am now Vice Chair of district 3 Board Advisory Committee.</li> <li>•In my professional life, I am a realtor specializing in the Lake Gaston market. My primary clients are Raleigh residents looking to buy or sell at Lake Gaston. My husband and I also flip houses, several of which have been in Wake County. I understand residential construction, budgets, permitting etc and feel as though that background could help me in understanding this project.</li> <li>•Lastly, I truly love this community and the people in it. I see so much</li> </ul>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>I love the greenway and park system but I am concerned that the new park could adversely affect my community.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>River run neighborhood</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I am not a community rep?c just a neighbor.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>River Run Neighborhood association</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Access to the park should NOT have extra cars driving through my neighborhood which already has a speeding problem. Also, no development should occur so close to the river!</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	



Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	As a local community member living in close proximity to the proposed area, I am excited about the Park. We moved to this area to take advantage of the outdoor opportunities. My family, including 4 children, use the adjacent properties often. I want to ensure this project is completed and is a benefit to the greater north Raleigh area.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I am an educator by trade. My family, including 4 children aged 5-12, is active in the park system. I am able to represent a large portion of future users.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, available</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Formally, I am not a member of any local groups. However, I am a resident of the Bedford neighborhood and happy to keep the Bedford and Falls River communities updated through their official channels as available (HOA.)</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>Bedford is an active community with communication channels including email distributions, a board-run Facebook group, and regular meeting opportunities. I am already active in building relationships with my neighbors including starting several new social events. I am happy to expand this outreach and work directly with the Bedford leadership, and surrounding neighborhood leaders (Falls River, Oakcroft, River Run, River Oaks, etc.), to share information and elicit feedback.</p>

<b>Could you please share what unique perspective or lived experience you would bring to the group?</b>	<p>As I shared initially, I am a local resident, frequent user of City of Raleigh facilities, and a mom. As someone relatively new, I see both the positives about Raleigh while also maintaining fondess for the city we left. I offer my participation as I am eager to see improvements in our amazing community. We moved to Raleigh just two years.</p>
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<b>Why do you want to serve on the CAG?</b>	I've lived in Raleigh/wake County for over 30 years and have been engaged with both Latinx and elder populations. I bring a lens to this effort that needs to be included in deciding what is needed for both of these underserved populations.
<b>Do you represent an organization, neighborhood, or civic group?</b>	I'm a member of Alianza Latina Pro-Educacion,en Salud (ALPES ) and if the Unity of the Triangle Spanish ministry.

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Member, past VP of ALPES</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I like to say I am in what was an “affordable housing” subdividing in N. Raleigh.... No longer affordable for the middle-low-middle income worker, public employees that we were... many of us are retired and home are being bought by young families.</p>



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Before coming to Raligh, I was the director of an inner city community center, the Roberto Clemente Neighborhood Center in East Chicago, IN... a mostly blue collar community.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Local minority-business and civic organizations...churches that serve Spanish-speaking members.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	My house and property is connected to the land being considered for the park. Have the walked the woods of the park lands May times and believe I can provide useful feedback and represent my neighborhood River Run effectively.
<b>Do you represent an organization, neighborhood, or civic group?</b>	River Run Neighborhood

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Strong, tight community the values the environment, our natural surroundings, quiet, and privacy.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have held the role of Product Management in my professional career, have a strong ability to organize, collect feedback, and effectively communicate.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, I am available during these months to attend the meetings.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I am active member of the River Run Community, have a good relationship with the HOA board, and am confident I would represent the interest of the community. We have a River Run Facebook page where I created a topic to discuss the park, share thoughts, and let the community know I volunteered for the CAG. Overall positive feedback and a lot of interest from the community to be included in the planning. I have experience presenting in front of large groups and planning meetings to present status of projects.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I have professional experience as a Product Manager bringing new offerings to market. Part of my responsibility was collecting feedback from multiple sources, consolidating it, presenting the results to the interested parties, and then collaborating with all the sources to deliver the best outcome that would meet the requirements of the product on budget. To collect that feedback, I have used surveys, small group discussions, focus groups, social media, ranking systems, and collaborative tools to deliver the results. I have leveraged this process when planning the annual 4th of July community gathering, and helping identify where to focus resources for the beautification initiative for the community.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>. I grew up in Alexandria VA, which is just south on Washington DC, which provides public access to some of the most amazing parks, greenways, public areas, Potomac River activities, historical areas, monuments, and events which I would look to share my experiences with the CAG team. I am the Co-Chair and founder of the Raleigh area Families Employee Resource Group (ERG) at Microsoft, where I am responsible to work with teams to plan events for all the diverse families in the area. The purpose of the ERG is to create gatherings and inclusion for the many diverse families within the community. A few examples of events I helped organize include take your family to work day, single parent Pullen Park play day, family with teens Blue Jay Point hike, and a recent Juneteenth celebration at the office. Ever since I moved to Raleigh 20 years ago the Falls Lake area around the dam has been my favorite place to spend time. As a father of 3, I value the accessibility of the lake and river which as a family we enjoy visiting the park around the dam, finding all the unique vantage points to view the rapids, hiking the trails around Falls lake, exploring the lake on a standup paddle boards, biking, walking, investigating along the River greenway, and admiring all the nature that is abundant in the area. Through all my adventures in the area, I have had so many ideas on how to improve or add to what is already there and I would be so grateful for an opportunity to share those thoughts and advocate to maintain the natural resources.</p>
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<b>Why do you want to serve on the CAG?</b>	I love Raleigh and have enjoyed its parks since I moved here in 2009. I would love to make sure my voice and the voice of the community is heard when it comes to planning what's next. I have the time and luxury to be able to volunteer and I'm looking for my next volunteer opportunity after serving on our school's PTA board for two years as the communications VP.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I don't! Other than bringing the perspective of a mom who has enjoyed Raleigh parks for years and often thought "oh, I wish they asked for a mom's input!"</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Emails, polls/surveys, social media. Maybe in person events.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I feel it's important for residents to speak on issues that effect our neighborhood and I would love to be tbat person.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b>	N/A
<b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b>	N/A

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Jennifer Evans</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	



<p>Are you comfortable representing your group's interests in an official capacity?</p>	
<p>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</p>	

**Could you please share what unique perspective or lived experience you would bring to the group?**

<p><b>Why do you want to serve on the CAG?</b></p>	<p>I am a resident of Bedford and mother of a small child. I have many friends in the community with children and own a local interior design business</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>Bedford at falls River</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Resident</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I think the residents in my neighborhood enjoy community ammedities , sport and have interests in activities for small children. We represent a diverse group. People of this community enjoy biking, tennis, walking, birdwatching and I frequently see people kayaking and floating the river</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I own a local interior design business and frequently work in exterior residential design</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I would be sure to be present for these meetings with the exception of unforeseen circumstances like illness.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes , I am very active in my community of Bedford. I am very familiar with many moms in the community, am active on the residents pages and help run community meetings to help parents of special needs children in our area.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I have been working as an interior designer in Raleigh for the last 10 years. Over this time I have worked with thousands of local families and feel that I have a unique understanding of how people utilize spaces.</p> <p>I am an avid park visitor with my 5 year old son. We travel a lot and visit playgrounds all over our state and in NY, MD and Florida .</p> <p>I help run a community based group that advocates for special needs children in our area and engages monthly with parents who are looking to make our neighborhood more inclusive.</p> <p>(Important takeaways from these kinds of meetings are things like food allergy education signs near play equipment- we are trying to add baby wipe stations as they remove 99% of allergens from kids hands after eating common allergy triggers)</p> <p>My 5 year old son had autism and my grown sister is autistic and intellectually disabled so I have a good understanding of ways to be inclusive for a variety of ages.</p> <p>I would love the opportunity to bring my skills and perspective to the project and help create a space that we can all enjoy!</p>
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<b>Why do you want to serve on the CAG?</b>	I want to see a more diverse park offering along the river, possible camping for those traveling the MST, canoeing/kayaking locations, fishing, wildlife, and other possibilities. Whitewater rafting was once considered for the area. So as a CAG member, I would have a voice in the process and add the voices of others in this part of Wake county.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No, I am a resident of Northern Wake/Raleigh who has lived here 24 years and raised 2 children within the local park system.



<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I am an outdoor enthusiast. I enjoy hiking and camping. I have mountain biked in the area with friends and walked the wonderful greenways within the Neuse river areas</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>The MST community would be a great organization to reach out to for input.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I would look forward to offering my experience/opinions with the input of the many residents in the communities that would be served by Neuse River Park.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<p><b>Why do you want to serve on the CAG?</b></p>	<p>I want to serve on the CAG because I have always enjoyed the area and want to help others find value and utilize the green spaces that surround us.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No, just a resident of Franklin County that enjoys Falls Lake and the Neuse River.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have earned a degree in Parks, Recreation, and Tourism Resources from West Virginia University and I currently work at Forest Ridge Park as a park operations specialist.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>My availability is as follows is as follows: M - F after 4:30 pm. I work 2 weekends per month and will be available after 1:30 pm. If I know of the meeting dates in advance I can plan accordingly.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I work with the public both in my full time job and my part time job.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I work as a Park Operations Specialist for Forest Ridge Park on the the weekends. I would be able to engage the park visitors to assess what the would like the new park to look like and what they are looking for in terms of recreation access.</p>



<b>Could you please share what unique perspective or lived experience you would bring to the group?</b>	I grew up in West Virginia and have always valued outdoor recreation whether that be in my backyard, local park, or state park. I went to WVU and have gained a degree in Parks, Recreation, and Tourism Resources. I see the importance of having a safe and accessible place for residents and visitors to enjoy nature, make connections, and live a healthful lifestyle.
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<b>Why do you want to serve on the CAG?</b>	I love the Raleigh parks and greenways. I've lived in Raleigh for most of my life. I also love rivers, and in particular I feel a special place in my heart for the Neuse River, since it's our "local river". I'm excited about a new city park along and including a section of the Neuse River! I'd love to be a part of the planning process for that.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I am a canoeist and have canoed on probably 40 different rivers in NC, including sections of the Neuse (and including specifically the section from Falls Dam to Capital Blvd many times). I work with the State of NC and have lots of experience in decision-making and administration. I also feel like I can write and communicate pretty well.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Rufus Edmisten is my brother-in-law and is a lawyer in Raleigh. He was intimately involved in saving the New River in NW NC from being dammed and inundated in the 1970s, and he knows many people locally who could assist with this project.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I think it's very important that this project lead on issues of sustainability, rehabilitating the river and keeping it cleaner and healthier, and reducing/reusing/recycling. I think a park like this, which will likely become a flagship city park, is a wonderful opportunity to engage visitors in those critical matters.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I live on the nrt
<b>Do you represent an organization, neighborhood, or civic group?</b>	No

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I grew up in the area since middle school, previously sat on advisory groups for the proposed Falls Whitewater Park, and I'm very interested in how this area is developed.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No. I would not represent any organizations. I am an avid mountain biker and coach on the local NICA-NCICL team. I'm also an avid whitewater paddler and past member of the Carolina Canoe Club.

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I would not represent any organizations.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I would not represent a neighborhood.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Yes. I am an environmental consultant who worked on both the Forest Ridge Park project and Annie Louise Wilkerson Nature Preserve Park project. I'm intimately familiar with USACE lake management regulations, USACE &amp; DWR wetland, stream and Neuse Buffer regulations, USFWS anadromous fish and endangered species act regulations, and other applicable regulations. I worked for the NCDWR for 5 years in the 401 &amp; Buffer Permitting Unit and was involved with the City's permitting for the new Falls of Neuse Road bridge project. I've worked on other park and City projects and sat on past advisory groups.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Anyone from the past Falls Whitewater Park Committee.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>This property has great potential for a world class river front park. I'd like to see active uses and event space, possible amphitheater and of course additional parking and amenities that enhance user experience for the Neuse Greenway Trail, connectivity to Forest Ridge Park &amp; trails, and hopeful future Falls Whitewater Park. ; Note that I'm not City of Raleigh resident, but live in nearby Wake Forest, and I'm an owner of a business and property within the City of Raleigh. I commute by this park property every day.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Consider this confirmation of my availability. Without knowing the actual days it's difficult to confirm 100%, but generally speaking I'll be in Raleigh during all of these months and will make myself available for the CAG meetings.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>As described further below, my connections with the local NICA program, CCC, TORC, City, State &amp; Federal agencies, BSA, church and North Raleigh and Wake Forest communities will allow me to get the word out and provide active and productive participation in the park planning process. I will make myself available to meet with these individual groups and be sure that their voices are heard in the planning process. Of course, I'll advocate for the NRP whether as a member of the CAG or not.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I've lived in the area and notably near Falls Lake and the Mountain to Sea Trail (MST) since my family moved to the area during my 6th grade year shortly after Falls Lake was completed in the early 1980's. I routinely fished, canoed/kayaked, trail run and enjoyed the Neuse River spillway area for the last 40 years. I've lived on Raven Ridge Road by the lake and also in the Bedford area with notable neighbors being David Cox, Sig Huchinson and Eric Lamb all of whom I've worked directly or indirectly with on other City and County projects. I have friends that live in the historic River Mill condos and heard their desires and concerns associated with the Falls Whitewater Park (FWP) and other projects in the area. I'm a past Elder at the North Raleigh Methodist Church and Boy Scout leader which has allowed me to meet and interact with many North Raleigh citizens. I'm a principal in a local environmental consulting firm which has been located in North Raleigh for the last 35+ years. I'm an avid whitewater kayaker and have been involved with the FWP for several years now. My involvement has been from multiple positions, State reviewer/employee with the N.C. Division of Water Quality, private citizen associated with the Carolina Canoe Club and FWP committee, and private environmental consultant. I've also provided environmental consulting services at the nearby Annie Louis Wilkerson Nature Preserve Park and Forest Ridge Park projects. I'm currently a Level 3 assistant coach (former Team Director and Acting Head Coach) on the North Wake County Composite team of the N.C. Interscholastic Cycling League (NCICL), National Interscholastic Cycling Association (NICA). This is a middle and high school mountain biking team program. Mountain bike trails may be a limited component of the Neuse River Park (NRP), but I understand that there may be connection to the Forest Ridge Trails and know that the NICA and cycling community will be a big user of the NRP. All these</p>
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<b>Why do you want to serve on the CAG?</b>	<p>I believe that community engagement and partnership are crucial parts of the government process. My family and I live within a mile of the Neuse River Park in the Oakcroft community. We regularly use the Neuse River trail for running and biking. We also use the Neuse River for kayaking and tubing. I believe that equal access to outdoor spaces and nature are critical for people. My participation in the Community Advisory Group ensures local participation and brings the perspective of an individual who uses the current trail and park in multiple ways.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	<p>Oakcroft HOA</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I am a board member of the Oakcroft HOA</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Oakcroft is made up on single family homes. The community has a mix of young and old families. The demographics section of the Pre-Development Assessment Plan Leonard Tract Property is an accurate representation of current residents within Oakcroft. I do not see these demographics changing within the near future.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I use the trail and the surrounding areas to run, kayak, and hike. I have experience in community engagement as a former police officer in Arlington Virginia where I served on the community policing team. I have experience with data analytics and data visualization and project management through my current work as a government consultant.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>The Kerr YMCA, local churches, Oaks and Spokes, Girls Trek.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Community engagement requires multiple pathways to engage a diverse set of users and expand the potential for voices to be heard. The hardest part of community engagement is attempting to engage underrepresented populations while balancing the impact of those that are highly engaged and may or may not have the ability to compromise or appreciate different perspectives.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I can confirm my general availability for the six upcoming Community Advisory Group meetings. If the meeting were to fall between September 13, 2023, through September 17, 2023, I would be unable to attend due to an out-of-town commitment.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>As a CAG member I would be comfortable with representing and communicating information to my neighbors, local civic associations, and the general public. I have experience talking before small and large audiences, explaining the rationale behind decisions that were made, and advocating for positions. I am currently a board member of the Oakcroft Civic Association and would be comfortable representing this group. However, there may need to be further dialogue with the Oakcroft board and civic association members to ensure that they are comfortable with me representing them in a larger more formal role within a community advisory group if needed, i.e., the project or CAG wanted to state that the Oakcroft Homeowners Association supported a specific decision.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>Public participation is a key component and creates significant community buy-in. There are formal and informal ways to engage individuals. I would use our neighborhood distribution list, Next Door, etc. to notify and seek participation. I am also active in a local scout troop and would use this connection to amplify messaging. Word of mouth discussions are also a natural way to inform individuals and help create significant participation because of the personal nature of the advocacy.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Diversity of perspectives is essential to creating a project that is representative of the community. My background has taught me to listen to different perspectives, evaluate options, and make the best decision with the facts at hand. My perspective in reference to this project is of a local homeowner who lives within a mile of the trail and river and uses them frequently for fitness and recreational activities. I have two children, aged 12 and 14, who benefit from the natural spaces that parks, greenways, and trails create. Our family also has two dogs who get to use and benefit from the trail. I believe that outside activity benefits everyone and access to such spaces should not be dependent on factors such as geography, income, etc.</p>
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<b>Why do you want to serve on the CAG?</b>	I would like to participate in efforts that affect my community.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No, although I do reside in the Parkside subdivision.

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>My neighborhood is a mixture of families with young children and empty nesters. The homes turn over somewhat frequently and young folks with children are attracted to area because of the schools. I expect that will remain constant.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have lived in this area for nine years and in Raleigh a total of 30.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	



<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I live adjacent to the parcel and spent 30 years at NCDOT, recently retiring. In that time I served numerous roles including leadership over environmental analysis, public involvement and NEPA business units so I feel like I could add a “local resident with professional experience” flavor to the group.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Not officially, although I would certainly be part of the effort to update the River Run community and HOA.

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>The residents in our community are those that enjoy the convenience of being proximal to the walkability and activity of Bedford, Falls River and Wakefield, but the residents of River Run enjoy their quieter version of those neighborhoods.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>See above. I served in numerous engineering and leadership roles at NCDOT, including as Chief Engineer of the Turnpike Authority and DOT Technical Services Director. In the latter position, I was over business units that did the planning, environmental documentation, public involvement, permitting, design, and contracts for most of the NCDOT projects. I currently work in the consulting industry for a firm that has no financial or future financial interest in the development of this project.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Neuse River Keeper, River Run HOA</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Access to the park will have to be very carefully considered. There are numerous safety concerns with certain potential access points that must be considered including vehicular safety, pedestrian safety, and sight distance concerns.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, confirmed.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>My public involvement experience primarily centers around my professional experience as an NCDOT official. This included leading the development of public hearings, citizen informational workshops, local elected officials meetings, media events, and specialized virtual community engagement presentations conducted with homeowners during the height of COVID for the construction of the 540 Outer Loop in southern Wake County. I understand the challenges of generating active involvement from the community. It can be particularly challenging hearing from those neighbors that look upon the project favorably. All too often, such efforts largely attract those that are adamantly AGAINST a project. The challenge will be to get ideas and positive feedback and not just the negative feedback. I will engage my neighborhood HOA and HOA Management Company to help generate such input.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I have been living next to the parcel that would contain these improvements since it was condemned by the City for the construction of New Falls of Neuse Road. My address adjoins the parcel and when we first purchased the lot, there were cows roaming beyond the fence in our backyard. Since my three children (now teenagers and college age) have roamed out our back door ,along the creek, and to the greenway. Our backyard is literally the southern edge of the parcel.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>I have many connections and partenrships with residents and organizations within this community. As such, I have a keen interest in initiatives that could enhabce the well-being and health of the community</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>In addition to being a former long time resident of this community, I am the director of the Wake County Northern Regional Center</p>



<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>The Northern Regional Center exist to provide county services to all residents of northern Wake County. We strive to do so in partnership with local organizations and with input from community leaders.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have considerable experience in working with and within communities. I have facilitated numerous conversations with community members, taking note of themes and concerns to develop workable solutions.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Turner Pride, Wake County program manager, Social and Economic Vitality. <a href="mailto:turner.pride@wake.gov">turner.pride@wake.gov</a></p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>In my role as the Director of the Wake County Northern Regional Center, I have made many connections with community members across a broad spectrum of social and economic factors and conditions. I frequently come in contact with elected officials, local nonprofit managers and members, faith based organization leaders, and principals with the business community. Throughout the year I host meetings with a Community Advocacy group in which we discuss the needs and interests of our larger community.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I have been a resident of Raleigh for 34 years and have seen much change in that time. I've often served as a convener, a facilitator, and when called upon, a leader. I serve on several boards and volunteer with several non-profit organizations. I believe it's incumbent upon all members of a community to work toward improving their community. To this point, I believe in hard work and I do not get easily discouraged.</p>
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<b>Why do you want to serve on the CAG?</b>	<p>I have lived and worked in 6 countries and traveled to almost 40. Raleigh is the only place I've chosen to call home. I have lived here for 25 years and love this city. I'll take any opportunity available to give back to it. I see being a member of the CAG as a perfect fit for my skill set and interest.</p> <p>My experience in marketing and social media management, combined with technical skills from my engineering background, makes me a great candidate for the CAG. Currently, I own a small CPG business, run a popular social media platform that highlights local business owners and individual contributors in the Raleigh area, and organize a free monthly community event in downtown Raleigh which has grown significantly over the past year. My work has allowed me to foster meaningful connections within our community.</p> <p>I would absolutely love the opportunity to serve on the CAG and contribute to the Neuse River Park project.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	<p>I am applying as an individual.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I am applying as an individual.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I do not represent a specific neighborhood. I currently reside in District B and within a few miles of the Neuse River Park.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I don't have specific experience in park planning or recreation programming. However, I have a diverse background with education and experience in global marketing, engineering, product management and community development that can be valuable to the CAG</p> <p>My background in marketing and experience with social media outreach can significantly contribute to the public engagement and communication aspects of this project. My engineering education and work experience will be helpful with data analysis, prioritization, and the design process.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>I recommend reaching out to local businesses and entrepreneurial networks in the area, as they might provide important perspectives on commercial aspects and potential economic impacts of the project.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>For general community engagement, it is critical to use a variety of channels, from social media to community events, to ensure broad and diverse input. I am happy to contribute to this aspect and coach other CAG members if needed.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I generally have a flexible schedule and should be able to attend the six CAG meetings in the months listed. However, if you could provide the specific dates within these months, it would be greatly appreciated. This is so that I can reschedule any potential conflicts to ensure my full availability.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>N/A</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I run a rapidly growing social media platform that primarily caters to the residents of Raleigh and the surrounding cities. The purpose of this platform is to showcase local businesses, events, and activities in the Raleigh area. I intend to use this to keep the community informed and gather feedback as needed.</p> <p>In addition to my digital outreach, I organize a free monthly community event in downtown Raleigh in partnership with Raleigh Parks. This event features live entertainment and a free movie, drawing between 3,000-5,000 attendees. It's the perfect opportunity to gather real-time feedback and get the word out about the Neuse River Park project. If there's an interest, I could also invite key project personnel to address the live audience directly at these events. I'm also open to assisting in the organization of special events or discussion forums dedicated specifically to the Neuse River Park project.</p>



<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I offer a truly diverse perspective, as I have lived, studied, and worked in six different countries (including the US). I'm also multilingual. My professional background is just as diverse as I've worked with national sales teams, global executives, engineers and software developers. Currently, I work directly with small business owners in the Raleigh area. These lived experiences have given me a unique understanding of communicating and working with individuals from various socio-economic, ethnic, and professional backgrounds. Furthermore, my technical background in engineering and my experience in marketing can bring a unique mix of analytical thinking and creativity to the group.</p>
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<b>Why do you want to serve on the CAG?</b>	I live in The River Run neighborhood. My backyard backs up to the open park district space on the south East corner of Wide River and Falls of Neuse Rd
<b>Do you represent an organization, neighborhood, or civic group?</b>	River Run neighborhood

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>HOA</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Concerned about high speed traffic coming through the neighborhood on Wide River</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes, I am available in those months. Obviously specific dates would be needed to solidify availability.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes, I am comfortable communicating with my HOA/neighborhood as well as surrounding neighborhood groups if asked. I am comfortable holding in person or virtual meetings(impromptu or scheduled) of varying sizes, sending emails or making phone calls.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I would work with the park planning team as well as those I am representing to ensure I gathered concerns and provide a 2 way path of communication. I recently attended a park planning meeting in July along with 2 other representatives of River Run. I captured notes and key information from the meeting and shared that with our HOA board. I believe the surrounding homeowners would benefit from having more real time information as to what the process is. For example, at the park planning meeting, it was stated we are in the 'engagement plan development' stage for the month of August, with a planned approval from the board in September. Concerns AND suggestions from community members need to be gathered quickly in September as input to the design alternatives scheduled for November. I suggest CAG members get named immediately so they can solicit and provide input to the process as soon as possible. I would do this by working with neighboring HOA groups to have in person meetings and online discussion boards.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I moved from the Chicago suburbs to Raleigh in July 2021. I was involved in the community and the school district while in Illinois. For example, when a local university was looking to expand their athletic field, I was part of a group who presented alternatives for traffic flow to minimize impact on side streets and ensure safety for pedestrian traffic. I have a distinct concern over impacts to pedestrian traffic. My family and I utilize our clubhouse pool frequently and cross Wide River to do so. My home backs up to the small area on the SW corner of Wide River and Falls of Neuse. I see everyday how many people walk and bike on the sidewalk here. Pedestrian safety needs to be a #1 concern for this design.</p>
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<b>Why do you want to serve on the CAG?</b>	<p>Our family loves to explore the Raleigh area and enjoys being outside throughout all seasons of the year. As an active member of the Stonebridge neighborhood, I have been in weekly conversations daily where I hear feedback, ideas, favorites and hopes for our Raleigh area from families of all shapes and sizes. Personally, having two toddlers I know that our exploration, support and volunteering for the Raleigh community will only flourish throughout the years. I would love lend my time and talent of creativity, collaboration, supporting needs of other, listening and speaking up for the grater needs while being a strong team player.</p>
<b>Do you represent an organization, neighborhood, or civic group?</b>	<p>I am an active member in the Stonebridge Neighborhood, i coordinate and lead activities/gatherings for the young toddler families, 21+ families and counting.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I unofficially lead the young families group within our Stonebridge Neighborhood.</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Our neighborhood is a mix of "Original owners" older families who's children are now having grandchildren, young families with children who are under the age of 5 and a large subset of families with children who are in elementary to middle school. I would say that most families are established with a mid tier income. As we have already seen the turn over of these "original" owners selling the younger family demographic continues to increase in their replacement.</p>



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>No I do not- but I am willing to learn. I have been part of transformational projects at worked and lead teams through all stages of process. Including the users/constituent interviews and design to cultivate the most ideal environment for the audience.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I love the opportunity to continue to grow and develop the Raleigh community. I think that having sessions at other parks when parents would engage families who already are visiting parks and understand perhaps why they drive further distances to go to various parts and understand what they would like closer to them. Or if there is something missing, what void can this project potentially fill.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	As a resident of Wakefield the neuse river train and surrounding parks are an immense asset to the community and overall way of life in this part of Raleigh. Being part of the expansion of one of the cities parks to create a premier destination for Raleigh is something I am passionate about and want to lend my expertise as a design professional to ensure the residents and city are successful in this new and exciting project.
<b>Do you represent an organization, neighborhood, or civic group?</b>	I serve on the city of Raleigh Environmental Advisory Board

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Board member</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>N/A</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I am a licensed and practicing architect. My focus on practice is about placemaking. Creating and envisioning places people want to live, work and play has been a focus of my career. In practice I focus on listening and understanding the needs of our clients and people to ensure a the goals and vision of everyone is aligned with the final product.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>ULI</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>At this time these should not be an issue with my schedule.</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Yes</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>Being involved in the design and construction industry I am exposed to a wide variety of different views and perspectives. We often talk about our projects to solicit different opinions from many sources and I anticipate leveraging that network of professionals and industry partners in a similar manner to illicit excitement and feedback in the process.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Being a design professional and resident of this area I think I bring a unique perspective to the group. In practice we focus on creating places for engagement, congregate and engage that foster communities. I often think about the spaces near my lived community and how to better create the spaces I use on a day to day. This specific project I am passionate about as it directly affects my family and a part of the city we use on a day to day. Another unique perspective I bring is as the vice-chair of the Environmental Advisory Board impact to the environment should be and would be at the forefront of my mind if I was included in the group.</p>
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<b>Why do you want to serve on the CAG?</b>	I live near the Bedford/Falls River border. My property opens up to the Falls watershed and I am always wandering down there picking up trash while I walk the dog. I work at a custom wood furniture company (Raleigh Reclaimed) where we are focused on sustainability through reuse of trees that are cut down throughout the area. I would like the opportunity to help make the park a true community destination.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Like I stated above, I live in Falls River.

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>The residents in our neighborhood are outgoing, outside people who have been there for a significant amount of time due to the community that exists. Some of my neighbors have been there 20+ years and we all take ownership in our neighborhood.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Woodworking, math teacher for 30+ years, outdoorsman, handy with tools, familiar with design and estimating (my current job)...</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>Yes</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Scott said he would be willing to go to the HOAs for Bedford &amp; Falls River where he lives</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>“When you’ve been a middle school math teacher for 30 years, and talking to students &amp; parents daily, I feel confident in communicating positively.”</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Scott indicated he's an educator, coach &amp; currently works for Raleigh reclaim. They take trees that are meaningful to people and places – they even work with Raleigh Parks with the trees from the greenway to make furniture. He's local, too. He remembers when there was just neuse river &amp; not a falls dam. He can remember when Raleigh was a small town. "As big as Raleigh is growing, it's important that the natural areas are maintained for everyone to enjoy."</p>
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<b>Why do you want to serve on the CAG?</b>	I currently work on as an advisor on a flagship federal project that seeks to improve public health and nutrition outcomes in Africa, Asia and Latin America. What I have learned through this work over the last 17 years is that your environment plays a key role in your health outcomes. I'm interested in applying lessons that I have learned and ideas that we have implemented globally, in my own back yard.
<b>Do you represent an organization, neighborhood, or civic group?</b>	Alpha Kappa Alpha Sorority

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>Member</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have complementary skills in public health, including training in environmental health.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>1. Thank you for sharing the months. They work well for me. I do travel frequently for work, but as long as I know CAG meeting dates in advance, I can definitely schedule around them.</p>



<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>1. <del>No</del> Yes, I am very comfortable representing my community's interest and communicating on their behalf. I am also comfortable sharing back progress and updates to the community.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>1. Relationship Builder: For nearly a decade I worked in Washington, DC with a company where my primary responsibility was to build and maintain relationships with partners and stakeholders at all levels; from federal agencies like the Environmental Protection Agency (EPA) and Centers for Disease Control and Prevention (CDC) to local community members who are impacted by decisions made at all levels. This required me to perfect my interpersonal and cross-cultural skills, learn the art of diplomacy, and strengthen my negotiation skills to keep over 50 groups of stakeholders informed, engaged and excited about our work.</p> <p>Sharing Information/Finding Solutions: For the last two months, I have been traveling across Sub-Saharan Africa to present at conferences and meet key stakeholders who have a vested interest in the intersection of human behavior and the environment. In these sessions we tackle many of the world's toughest problems related to public health, nutrition, human behavior and the environment. We work to unpack challenges and troubleshoot to determine innovative and sustainable solutions.</p> <p>As a native North Carolinian, resident of the Wakefield Plantation community and member of other community based organizations, I am eager to bring my professional skills into a space outside of work. My family engages with the Neuse River on a daily basis. So it is important from a personal perspective, to see that this project is a success.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Perhaps an unpopular thing to say - I have not had direct experience with park planning. I am excited to learn! My specialized training in human behavior, public health and environmental health add a complementary, unique and important perspective to park planning. I have spent the last 17 years working to improve health around the world, in Africa, Asia and even in communities around the US. There is a direct connection between human health and our interactions with the environment. Through my profession, I have had the privilege of visiting national, state and community parks all over the globe - even UNESCO World Heritage Sites and World Wonders. I am inspired by how other countries and communities have been able to respect and protect the natural environment while considering the impact it has on human health and behaviors. Our Neuse River and surrounding areas have just as much to offer as many of the famous parks I have visited around the world. So, I'm eager to bring my global experience, human health perspective and innate creativity back home, as a member of the CAG.</p>
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<b>Why do you want to serve on the CAG?</b>	To provide input into the planning process of a new park area adjacent to my neighborhood. I frequent other Raleigh city parks including Millbrook exchange and Forest Ridge.
<b>Do you represent an organization, neighborhood, or civic group?</b>	I live in River Run.

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I am not on the HOA. However, I have lived in the neighborhood since 2/2011</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Diverse family oriented neighborhood. This will continue to be diverse</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I work in healthcare as a PA-C with Duke. I am able to handle conflict situations and manage different personalities.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>HOA of adjacent neighborhoods.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Any project adjacent to established communities should include representatives from those communities. You are doing this, and I commend you for this.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I hike and bike the Neuse River Trail often and use the MST trail from Falls Dam. I'm very much interested in seeing park options expanded in this area.
<b>Do you represent an organization, neighborhood, or civic group?</b>	No



<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Just a love and interest for all of our outdoor spaces and using them responsibly and safely.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Cycling groups and Falls Dam enthusiasts</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<p><b>Why do you want to serve on the CAG?</b></p>	<p>I own 5 acres immediately adjacent to the park</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/a</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>No</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Preserving the integrity and sanctity of this land is very important to us. Maintaining safety and security of our property is of equal concern While I live in Chapel Hill my children are permanent residents at the adjoining lots of 12301 and 12323 Old Falls</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>As long as I have advance notice, meeting availability is not an issue for me</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>As a landowner adjacent to the park, I'm confident in my ability to reach out and communicate with fellow landowners and keep the flow of information going in both directions.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I graduated with a BS in Zoology and then my DVM degrees. As a practicing veterinarian for 24 years, communication is key to every interaction. As a business owner, I understand there are multiple pressures and obligations that every project is trying to simultaneously fulfill.</p>



<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I think I have a unique perspective to offer- as a naturalist I am interested in preserving the natural resource, as a landowner I want to preserve the safety and security for the surrounding homeowners, and as someone that has a deep love and affection for this piece of paradise I want to see it enjoyed by everyone.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>Provide community and user perspective.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>Woodspring</p>

<b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b>	HOA
<b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b>	Community of diverse interests, ages and lifestyles.

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Retired with a background in process, problem solving and mentoring.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>The more representatives from the surrounding Raleigh neighborhoods and HOAs, the better the planning will be.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>No issues at this time</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>Requested to serve on this CAG by the Michael O'Sullivan, Chairman of the North Raleigh CAC. Obtained concurrence from Wood Spring HOA Chairwoman, Katie Langston.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>I will request input from the HOA via e-mail, Nextdoor and Facebook. Will provide updates via same communication methods and when appropriate at the North Raleigh CAC meetings.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>I've birded every section of the Neuse River Trail with particular emphasis on the Abbotts Creek section. Have also visited other parks in Wake County birding. playing tennis and swimming. Have visited parks in other states: NY, UT, HI, AK to name a few. I'm retired from being an IT project manager and certified Master Black Belt, a quality profession designation specializing in data-based problem solving and decision making.</p>
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<p><b>Why do you want to serve on the CAG?</b></p>	<p>I use the Neuse River Greenway on a daily basis for walking. I can access it by foot without having to drive to it. It is a beautiful and peaceful way to get exercise and interact with nature</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>Daltons Ridge neighborhood</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Most residents in Daltons Ridge are long-term residents. There is not a lot of turnover in the neighborhood. It is a close-knit group of neighbors who maintain friendly relationships with each other through regular neighborhood parties &amp; get-togethers</p>



<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>As I noted I use the Neuse River Trail and the Falls Lake Park on a daily basis and am very familiar with its benefits ; As I noted I use the Neuse River Trail and the Falls Lake Park on a daily basis and am very familiar with its benefits, its limitations and the other existing park and recreation facilities in the area.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<p><b>Why do you want to serve on the CAG?</b></p>	<p>I want to have an impact on my local community for generations to come by providing a much needed millennial prospective.</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>While I am not officially representing a neighborhood, I live in a neighborhood that is adjacent to this future park.</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>While the neighborhood is primarily baby boomers, it will be shifting overtime to millennials.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I am a previous board member of my prior residence in the RDU area. I have project management experience, a great eye for detail, design and aesthetic. ; Have also previously served in an advisory group with Duke University.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>N/A</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>Happy to provide input/insight upon discussion of plans.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?



<p><b>Why do you want to serve on the CAG?</b></p>	<p>I live in the adjacent neighborhood and am a user of the Neuse River Greenway</p>
<p><b>Do you represent an organization, neighborhood, or civic group?</b></p>	<p>No</p>

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>n/a</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>n/a</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Bedford HOA, River Run HOA, Oakcroft HOA</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p>Are you comfortable representing your group's interests in an official capacity?</p>	
<p>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I live very close to the new Neuse River Park and with young kids it would be great to help develop a park nearby that they could enjoy frequently for many years.
<b>Do you represent an organization, neighborhood, or civic group?</b>	I live in the River Run Neighborhood

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>I am a local homeowner</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>Our neighborhood is comprised of single family homes, and I think the residents are active and friendly. I see this staying the same in the future.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I do not have any special knowledge or experience with park planning. My experience with parks has been enjoying the opportunities they provide (ie. mountain biking, hiking, kayaking, playgrounds for my kids, fishing when permitted etc.)</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>Any other members of the River Run neighborhood or other local neighborhoods.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>I think it would be good to have as many ideas from the local residents about what they are looking for in a nearby park to meet the needs of the people that will use it the most.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>I will be available for all of the above listed time frames and can be flexible with dates.</p>



<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>I am comfortable representing my groups interest in an official capacity.</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>Having only lived here for 2 years I cannot say that I have an extensive list of community networks aside from other friends, neighbors and family that we have met in the area. With that being said I am eager to get more involved with the community and this would be a great way of doing so.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>Going along with #3 while my family has only lived in the area for two years, we have young kids (a 4 month old and 2 1/2 year old) and I would venture to guess that many of the other individuals that have applied to serve as CAG members have older kids. This will give me the perspective of looking at what the park can provide for very young kids as well as older kids (since they will be growing up here). We frequent many other parks in the area I will be thinking about what the park can provide that we don't have close by.</p>
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<b>Why do you want to serve on the CAG?</b>	Yes
<b>Do you represent an organization, neighborhood, or civic group?</b>	I am a resident of Berkshire Wakefield

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I don't represent the neighborhood but I would like a voice in the planning</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>I have a 15+ year background in marketing, community engagement, and project management.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>None at this time.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>None at this time</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	<p>1. Yes - I suspect there will be sufficient advance notice provided, so I can plan accordingly</p>

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	<p>1. I feel comfortable with relaying and representing the allocated community group. I hope that you will provide further clarification on which group/s I will represent (i.e. Wakefield?).</p>
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	<p>1. I've lived in NC for over 30 years and have a wide network. My profession has provided me extensive experience in project management, nonprofit community work, and specifically government/military relations.</p>

<p><b>Could you please share what unique perspective or lived experience you would bring to the group?</b></p>	<p>1. As a mother of 3 children and avid user of greenways, parks and community events, I can provide both professional and personal experience and insights. I'm also bilingual and hope to provide a voice for the Latino community.</p>
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<b>Why do you want to serve on the CAG?</b>	I want to ensure land development benefits the local community long-term. I also want to make sure that the project is in line with the previously stated vision for this section of Raleigh and includes protections for our waterways and minimizes impact to our existing great natural spaces.; While I am a resident of the River Run neighborhood and a parent of active scouts in a local BSA scout troop, I am not volunteering on behalf of either of these organizations. Any views I express are my own.
<b>Do you represent an organization, neighborhood, or civic group?</b>	While I am a resident of the River Run neighborhood and a parent of active scouts in a local BSA scout troop, I am not volunteering on behalf of either of these organizations. Any views I express are my own.



<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	<p>, I do not represent a neighborhood, but I can say that as evidenced by the not-so-long ago attempt to split our neighborhood into two school districts, my neighbors are quick to mobilize if they disagree with a city decision. We are a small community, but tight-knit group. We have a local club house and pool designed for the private use of our residents, which is regularly targeted by teenagers from neighborhood communities. These unwelcome guests have vandalized the property repeatedly, left garbage/glass in the parking lot, and have needed to be escorted off the premise by local police. As a result, I would anticipate my neighbors are not going to be thrilled by any project that invites additional non-residents into the area. Traffic is also a major concern for our community as speeding along Wide River is a problem. Several of my neighbors have reported property damage. This is to say that neighborhood safety is a major issue. That said, many of the residents are active in the outdoors. Several are runners and make use of the existing pedestrian entrance off Falls of the Neuse into the greenway. As many of these individuals have small children and have developed strong friendships in the community, I do not see a major shift in the demographics for at least the next eight to ten years barring a major change to the school system or other negative external event.; N/A</p>
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	<p>I do not represent a neighborhood, but I can say that as evidenced by the not-so-long ago attempt to split our neighborhood into two school districts, my neighbors are quick to mobilize if they disagree with a city decision. We are a small community, but tight-knit group. We have a local club house and pool designed for the private use of our residents, which is regularly targeted by teenagers from neighborhood communities. These unwelcome guests have vandalized the property repeatedly, left garbage/glass in the parking lot, and have needed to be escorted off the premise by local police. As a result, I would anticipate my neighbors are not going to be thrilled by any project that invites additional non-residents into the area. Traffic is also a major concern for our community as speeding along Wide River is a problem. Several of my neighbors have reported property damage. This is to say that neighborhood safety is a major issue. That said, many of the residents are active in the outdoors. Several are runners and make use of the existing pedestrian entrance off Falls of the Neuse into the greenway. As many of these individuals have small children and have developed strong friendships in the community, I do not see a major shift in the demographics for at least the next eight to ten years barring a major change to the school system or other negative external event.</p>

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	<p>Do you have special knowledge or experience in park planning or recreation programming or special skills, interest, or background that you feel would help the CAG? If so, please describe.</p> <p>My special skill is my knowledge of the area and how this section of the greenway system is currently being used. Me and my family are often on the trail and are very familiar with both the pedestrian and vehicular volume in the area. I am also very comfortable analyzing data and well familiar with the existing open-data datasets provided by the city of Raleigh. I have created petitions as well as newsletters and familiar with multiple forms of mass communication.</p>
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	<p>The River Run Home Owners Association has stated that they wish to be involved in the planning process.</p>
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	<p>My neighborhood can become highly vocal if they feel that decisions are being made without their input or behind closed doors. I understand if I am not selected, but I would strongly encourage you to at least elect someone in the surrounding area to serve as an advisor if you want neighborhood buy-in.</p>
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	

Could you please share what unique perspective or lived experience you would bring to the group?

<b>Why do you want to serve on the CAG?</b>	I enjoyed greenway a lot and want to make it better
<b>Do you represent an organization, neighborhood, or civic group?</b>	

<p><b>If you represent an organization or civic group, what is the role of your organization or the group in the local community?</b></p>	
<p><b>If you represent a neighborhood, how would you describe the residents in your neighborhood? To what extent do you see that changing in the future?</b></p>	

<p><b>Do you have special knowledge or experience in park planning or recreation programming or special skills, interests, or background that you feel would help the CAG? If so, please describe.</b></p>	
<p><b>Please suggest other key individuals or organizations we should reach out to for potential CAG membership for this project.</b></p>	
<p><b>Please share any other comments or ideas you have about the CAG and/or general community engagement for this project.</b></p>	
<p><b>Could you please confirm your availability for the six upcoming Community Advisory Group meetings?</b></p>	

<p><b>Are you comfortable representing your group's interests in an official capacity?</b></p>	
<p><b>Can you please provide some examples on how you would utilize your community networks to encourage participation in this park planning process?</b></p>	



Could you please share what unique perspective or lived experience you would bring to the group?

## [Appendix D: Planning Documents](#)

[Pre-Development Assessment Plan](#) – page 528

[Neuse River Blueway Plan](#) – page 594

[Falls of Neuse Whitewater Park Feasibility Study](#) – page 688





# PRE-DEVELOPMENT ASSESSMENT PLAN LEONARD TRACT PROPERTY

12028 Falls of Neuse Rd.  
PIN: 1729559875  
December 2021

PARKS, RECREATION  
AND CULTURAL  
RESOURCES



# EXECUTIVE SUMMARY

The intent of the Pre-Development Assessment Plan (PDAP) is to document existing conditions, inventory natural resources, and provide an interim management plan prior to master planning and park development. The PDAP will provide recommendations for development potential based on opportunities and constraints of the site as shown in the suitability analysis.

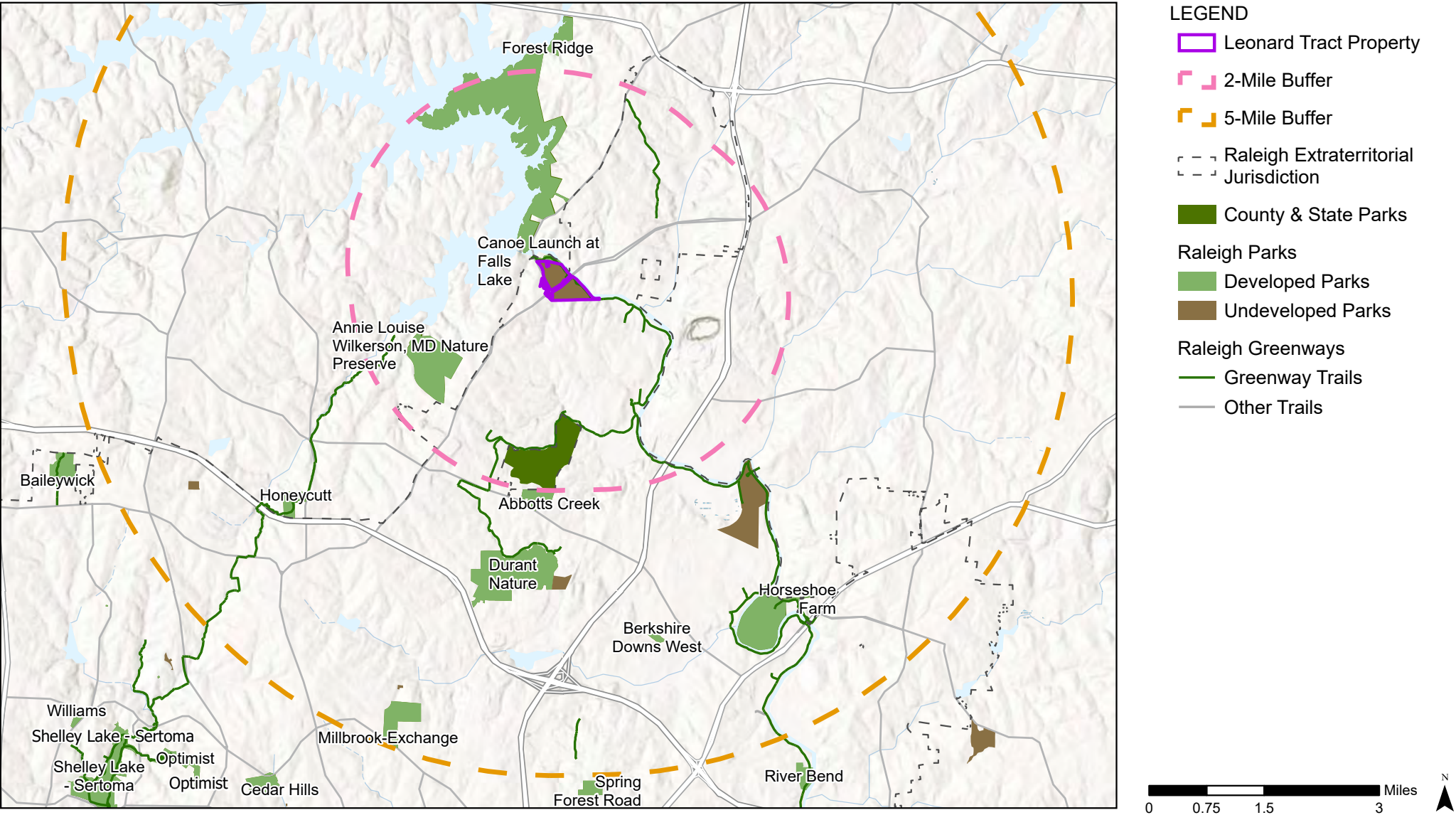
The Leonard Tract Property is located at 12028 Falls of Neuse Rd. Northeast of the I-540 Loop, and east of US-1. The property is immediately adjacent to the Neuse River. The property is 83.6 acres, and is divided into 4 non-contiguous parcels.

The Leonard Tract Property is located along the north-eastern boundary of the Raleigh Extraterritorial Jurisdiction. There are several Community Associations and Homeowner Associations in the vicinity including a few that are immediately adjacent to the property. There are elementary schools in the area: Wakefield Elementary School, Wakefield Middle School, Forest Pines Elementary School, and North Forest Pines Elementary School. There are multiple fire stations nearby and a public library. The Kerr Family YMCA is located nearby off Wakefield Pines Dr.

There are many park properties near the Leonard Tract Property and the majority of them are Nature Preserves. The closest park to Leonard Tract is the Canoe Launch at Falls Lake

The Neuse River Greenway traverses the Leonard Tract Property and connects it to the nearby park properties of the Canoe Launch at Falls Lake, Abbott’s Creek, Thornton Rd. Property, and Horseshoe Farms. There is a nearby proposed trail along the Richland Creek Corridor. There is also the existing Wakefield Greenway Trail that is not connected to the Neuse River Greenway Trail.

Parks Context Map



Site Suitability

Based on the analysis of the site suitability overlay, the following map delineates approximate areas of the site that are recommended to have very limited, limited, or regular development.

Very Limited Development

- These areas are suitable for low impact uses such as natural surface trails, canoe/kayak launches, invasive removal, and river bank stabilization

Limited Development

- Development in these areas may be restricted by the presence of steep slopes or frequent inundation within the 100-year floodplain.

Regular Development

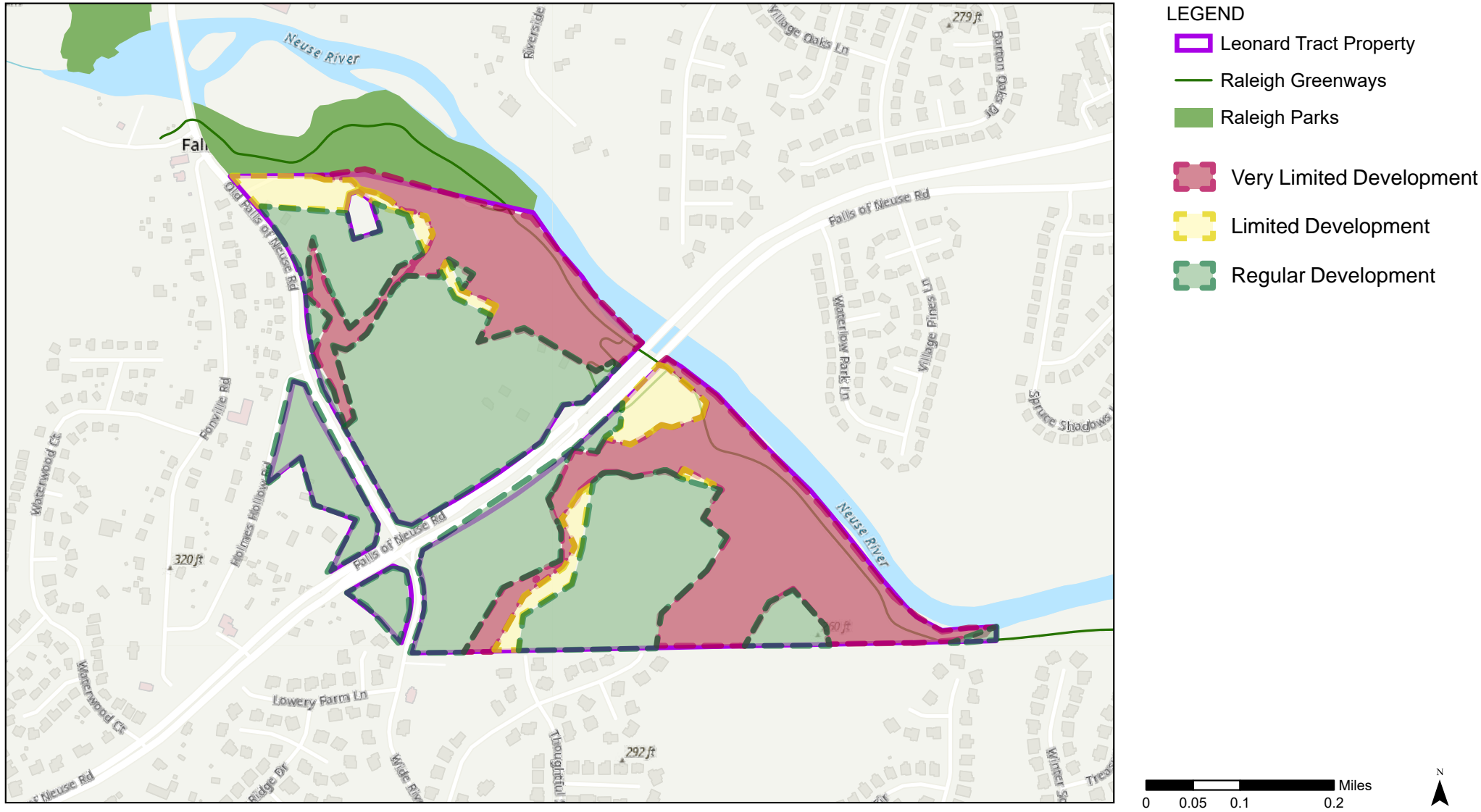
- These areas have no significant or special limitations on development and are open to most design choices that will facilitate a versatile park property.

Special consideration should be given to the relationship between disconnected parcels at this site. Falls of Neuse Rd bisects the two main portions of the park property, and currently the only safe pedestrian crossing between these two areas is via the Neuse River Greenway Trail underneath the Falls of Neuse Rd bridge.

Future planning of this park site may consider disposition of the remnant parcels west of Old Falls of Neuse Rd, if a suitable use that complements the park cannot be found for these parcels.

Site Suitability Analysis - Development Capacity	
Area Suitable for Very Limited Development	28 Acres
Area Suitable for Limited Development	5 Acres
Area Suitable for Regular Development	51 Acres
Total Park Area	84 Acres

Site Suitability Map





Interim Management Plan

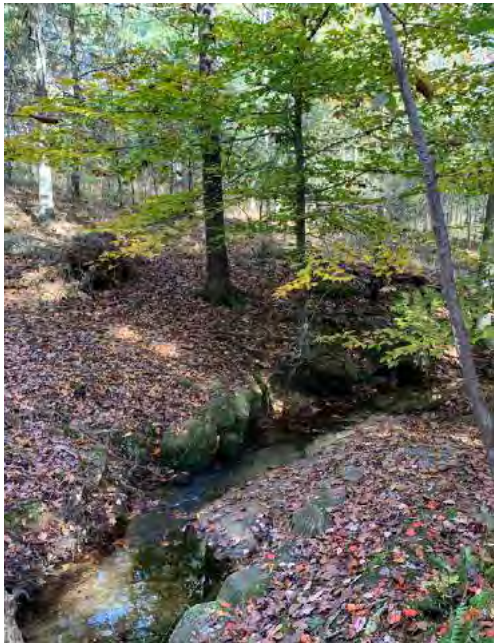
**Primary Short-term Goals And Objectives**

- 1. Implementation of coordinated monitoring and mapping efforts aiding in the development of biological inventories, identifying unauthorized uses, and potentially negative impacts to natural resources
- 2. Evaluation and control of invasive plant species
- 3. Evaluation of site characteristics and ecological features using Raleigh PRCR Nature Preserves/Protected Natural Areas criteria
- 4. Reduction of unauthorized vehicular and foot traffic to prevent illegal hunting and the degradation of sensitive ecological resources

**Long-term Goals**

- 1. Implementation of additional ecological monitoring and mapping efforts
- 2. Retention and protection of documented significant plant and animal species
- 3. Improvement of wildlife habitat and natural plant communities through ecological restoration practices

**Site Images**



*Creek*



*Dumping*



*Woods*



*Rolling Topography*



*Cane Break*



*Old dilapidated fences*



*Blooming understory*



*Field*



*Invasives*



*Dumping on site*



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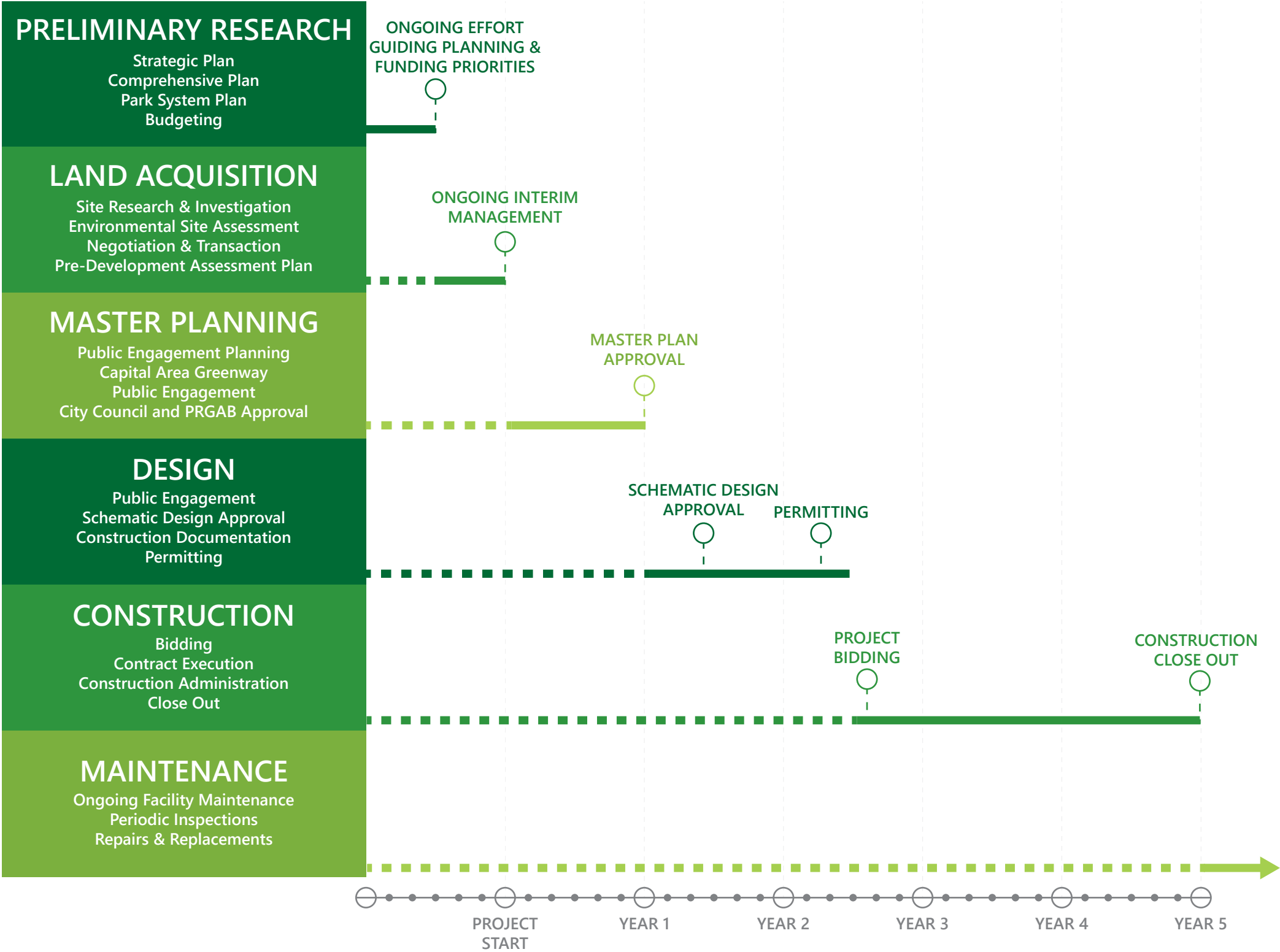
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# PLANNING PROCESS

As shown in the Park Planning & Development Process timeline on this page, a Pre-Development Assessment Plan (PDAP) is conducted on an undeveloped park property after the site has been acquired by the City of Raleigh and before any master planning for the site occurs.

The intent of the Pre-Development Assessment Plan (PDAP) is to document existing conditions, inventory natural & cultural resources, and provide an interim management plan prior to master planning and park development. The PDAP will provide recommendations for development potential based on opportunities and constraints of the site as shown in the suitability analysis.

## Park Planning & Development Process



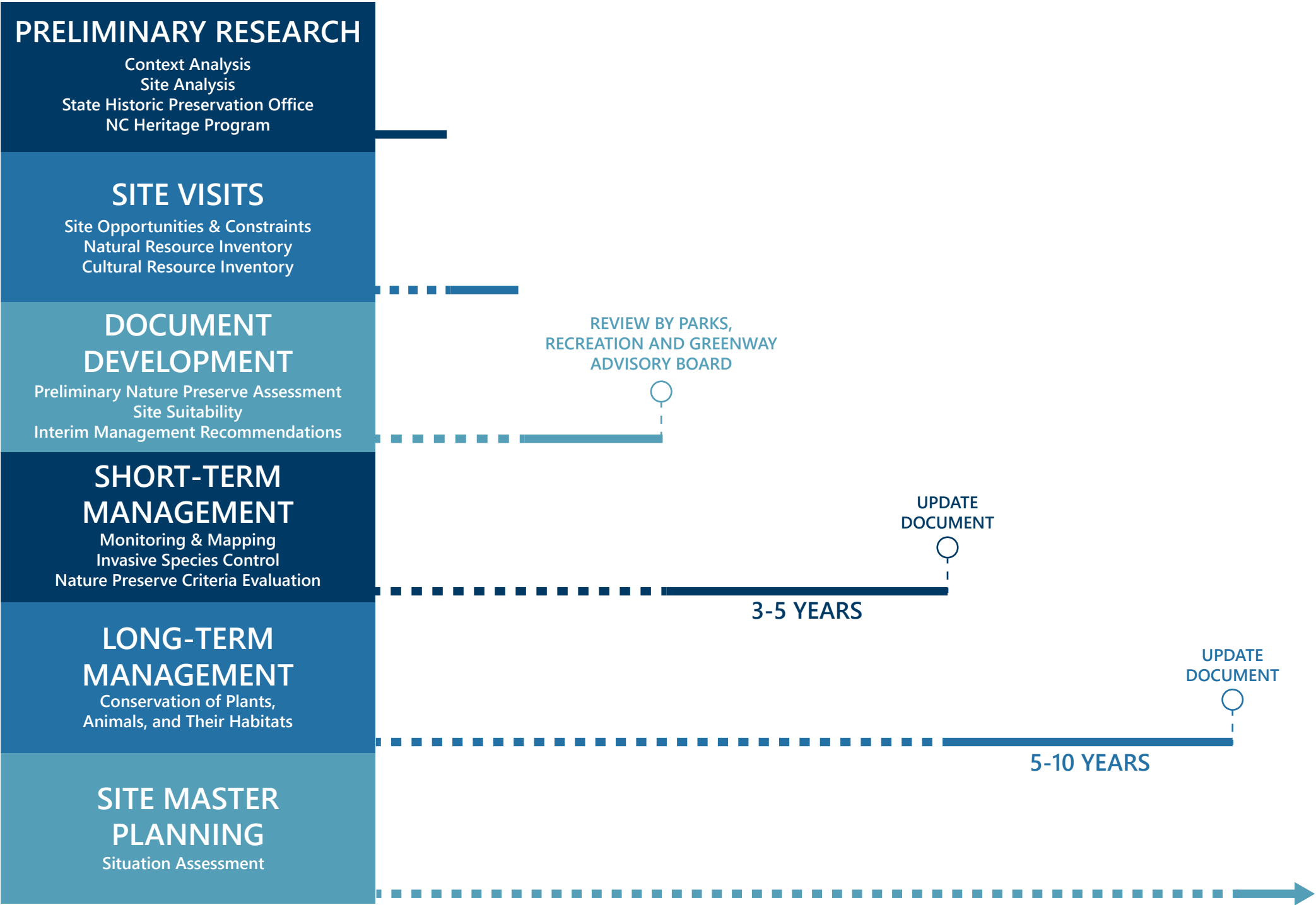


The Pre-Development Assessment Plan (PDAP) includes context and site analysis, as well as data acquired by the State Historic Preservation Office and the NC Heritage Program. Multiple site visits occur where City staff document site opportunities & constraints, and conduct natural & cultural resource inventory. While staff develop the PDAP document, they conduct a preliminary Nature Preserve assessment, as well as developing site suitability diagrams, and interim management recommendations.

Once the PDAP document is reviewed by the Parks, Recreation and Greenway Advisory Board (PRGAB), short-term management of the site begins. This includes but is not limited to monitoring & mapping, invasive species control, and a full Nature Preserve criteria evaluation. On average, short-term management takes 3-5 years after the PDAP document is reviewed by PRGAB. New information gathered during the short-term management, as well as the results of the Nature Preserve criteria evaluation are then updated in the PDAP document.

After short-term management is complete, the site moves into long-term management. This includes but is not limited to conservation of the site’s plants, animals and their habitats. On average, long-term management takes place 5-10 years after the PDAP document is reviewed by PRGAB. New information gathered during the long-term management is then updated in the PDAP document. At this point the site usually moves onto site master planning, although some sites may remain in long-term management past the 5-10 year mark. When the site moves onto the master planning phase, information from the PDAP will be included in the Situation Assessment, that is the first step of the master planning process.

Pre-Development Assessment & Management Process



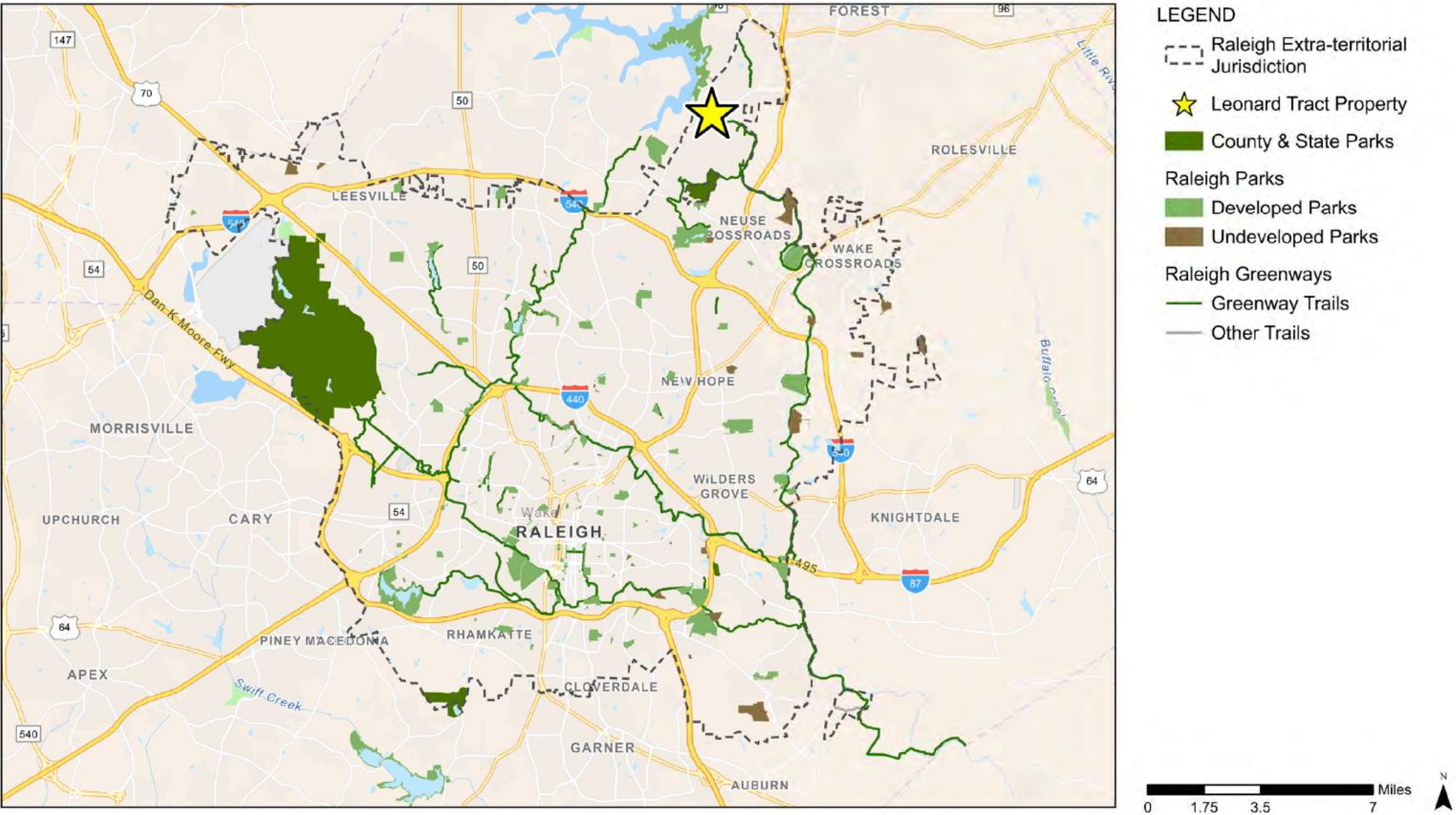
# INTRODUCTION

The intent of the Pre-Development Assessment Plan (PDAP) is to document existing conditions, inventory natural resources, and provide an interim management plan prior to master planning and park development. The PDAP will provide recommendations for development potential based on opportunities and constraints of the site as shown in the suitability analysis.

The Leonard Tract Property is located at 12028 Falls of Neuse Rd. Northeast of the I-540 Loop, and east of US-1. The property is immediately adjacent to the Neuse River. The property is 83.6 acres, and is divided into 4 non-contiguous parcels.

This park site is positioned to serve a large area of northeast Raleigh, and due to its location on the Neuse River near Falls Dam and the northernmost trailhead of the Neuse River Greenway Trail, it has the potential to become a regional destination within the City of Raleigh park system.

Context Map



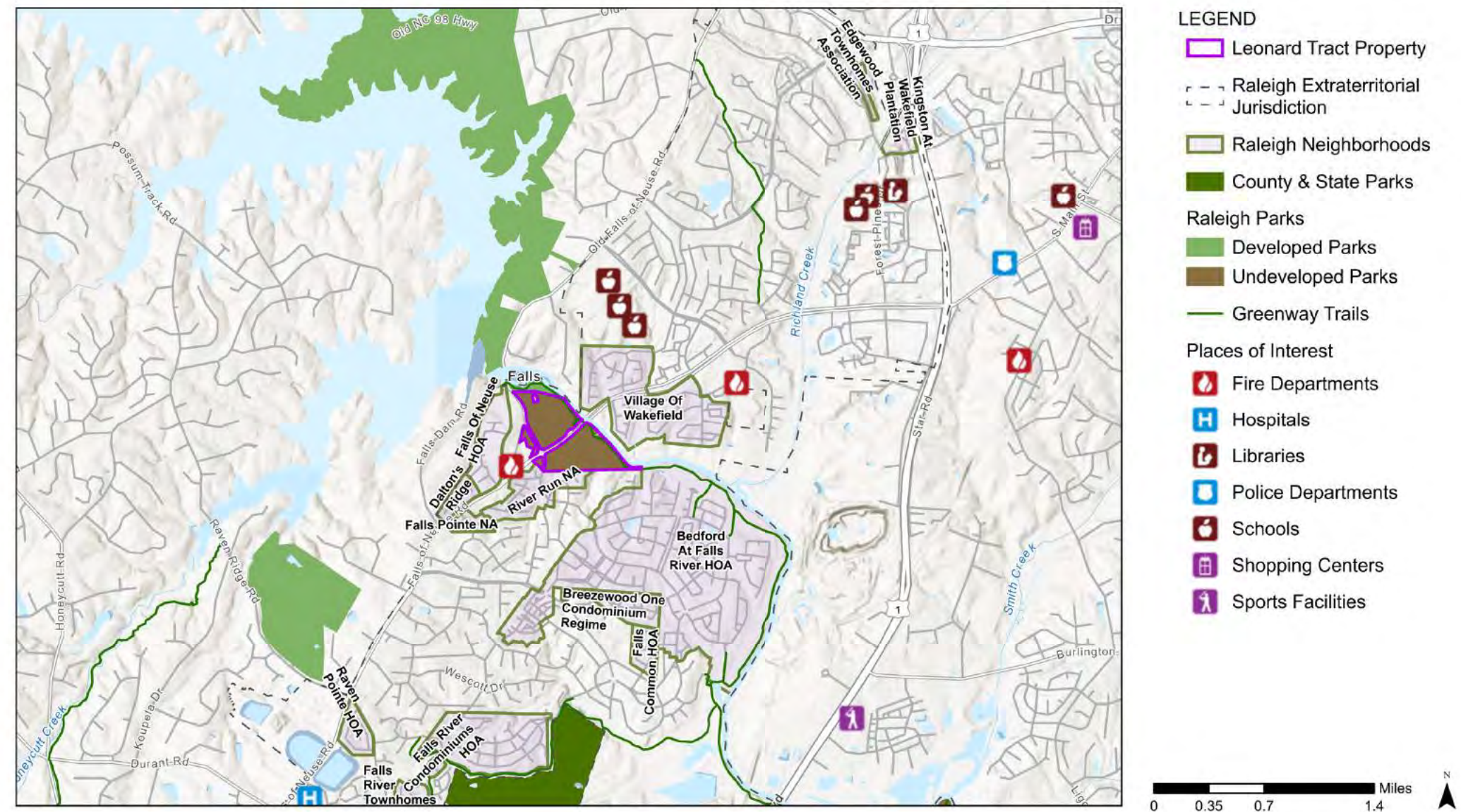


## CONTEXT ANALYSIS

The Leonard Tract Property is located along the north-eastern boundary of the Raleigh Extraterritorial Jurisdiction. There are several Community Associations and Homeowner Associations in the vicinity including a few that are immediately adjacent to the property. There are elementary schools in the area: Wakefield Elementary School, Wakefield Middle School, Forest Pines Elementary School, and North Forest Pines Elementary School. There are multiple fire stations nearby and a public library. The Kerr Family YMCA is located nearby off Wakefield Pines Dr.

It is recommended that during a community engagement process for the development of the Leonard Tract Property that outreach is conducted through the Community & Homeowner Associations, as well as the nearby schools including Wakefield Elementary School.

### Vicinity Map

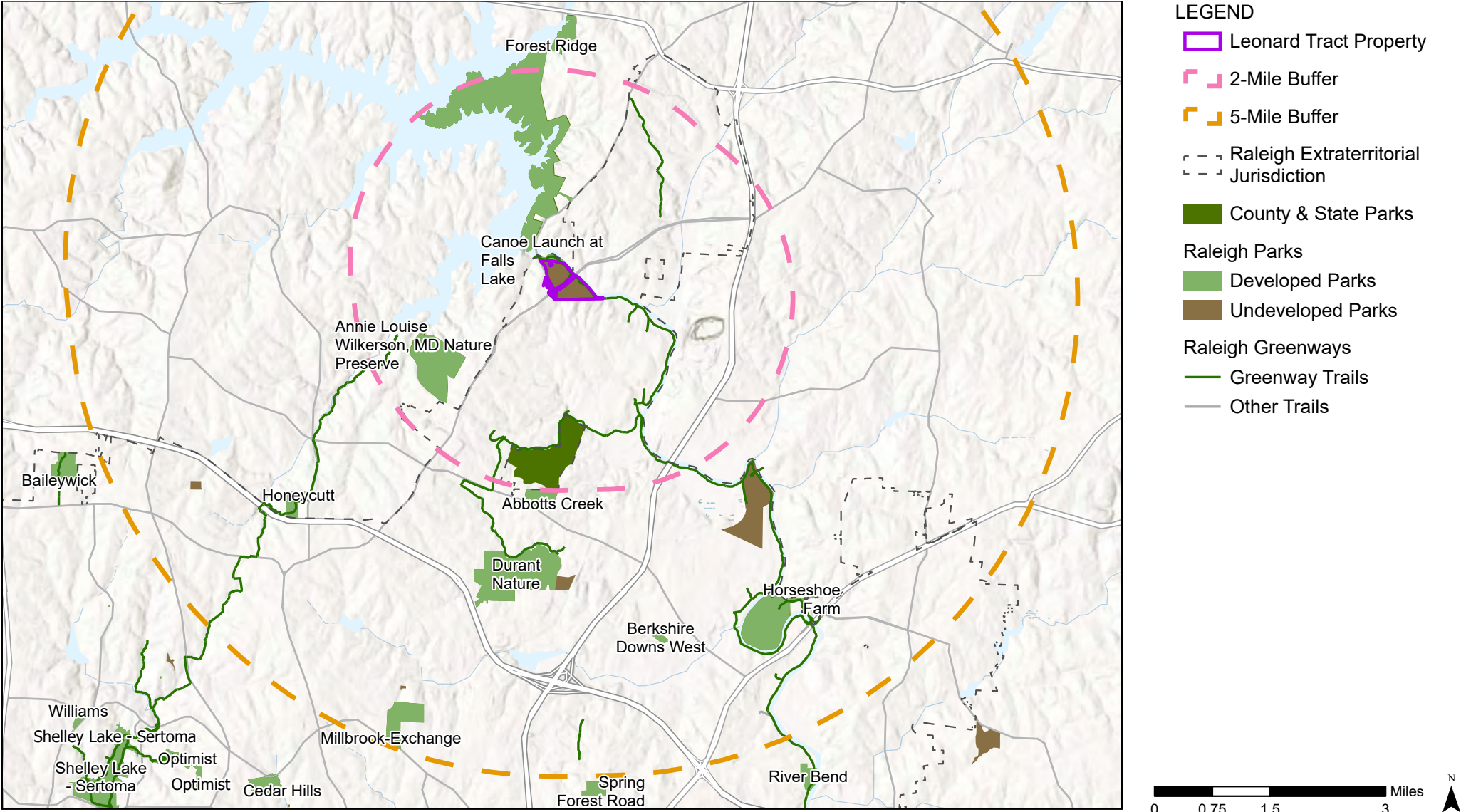




There are many park properties near the Leonard Tract Property and the majority of them are Nature Preserves. The closest park to Leonard Tract is the Canoe Launch at Falls Lake

It is recommended that any future planning of the Leonard Tract Property consider how this property could compliment the system of parks already in this area, and the other undeveloped park properties.

Parks Context Map



The following tables provide information on which park experiences are currently provided by other parks in this area of the city and which park experiences are not currently available to residents in this vicinity. This information can be used to guide the future master planning of the Leonard Tract Property. Experiences included in the Leonard Tract Master Plan should be consistent with the vision and goals established for Leonard Tract Park, and should serve the needs of the immediate community while complementing the facilities and amenities provided by other units of the park system in this area.

The first table to the right provides a list of park experiences that are **not** currently provided by any City of Raleigh park locations within a 5-mile radius of the Leonard Tract Property. This list represents some of the potential experiences that are currently “missing” from the park and recreation opportunities provided in this area. The experiences in this list should be considered for inclusion in the master plan since they would provide new, unique opportunities for residents in this vicinity.

The second table to the right provides information on park experiences that are already provided within a 2-mile radius of this property. When planning for development of Leonard Tract Park, it may not be necessary to replicate the community-scale facilities and amenities (such as a community center, environmental education center, or visitor center) already provided within a 2-mile radius of this site.

The third table, on the following page, lists all park experiences currently provided within a larger 5-mile radius of this site. This information can be used to further inform the future master plan of Leonard Tract Park.

It is recommended these lists be updated at the start of any future planning process.

Not Provided Within 5 Miles

Aquatic Center
Arts Center
Neighborhood Center
Teen Center
Concessions
Computer Lab
Indoor Stage
Bocce
Handball
Horseshoe
Outdoor Game Tables
Table Tennis - Indoor
Table Tennis - Outdoor
Throwing Pit - Discus/ Shotput
Community Garden
Cistern
Constructed Wetland
Green Roof
Historic Signage
Historic Site
Boat Rentals
Basketball - Indoor (Half Court)
Basketball - Outdoor (Half Court)
Batting Cage
Multipurpose Court
Pickleball Court - Outdoor
Volleyball - Grass
Amusement Train
Carousel
Fitness Station/Equipment - Outdoor
Kiddie Boat Ride
Pedal Boats
Track - Non-Competitive/Lined
Track - Competitive/Lined
Walking Path
BMX Track
Inline Skating
Skate Park

Provided Within 2 Miles

Experience	Parks Providing the Experience
Bike Repair Station	Forest Ridge
Car Charging Station	Annie Louise Wilkerson, MD Nature Preserve
Comfort Station	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Grill	Forest Ridge
Educational Signage	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Outdoor Water Fountain - People	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Community Center	Abbotts Creek
Environmental Education Center	Annie Louise Wilkerson, MD Nature Preserve
Dance Studio	Abbotts Creek
Fitness Center/ Weight Room	Abbotts Creek
Library Room	Annie Louise Wilkerson, MD Nature Preserve
Disc Golf	Forest Ridge
Pollinator/ Native Garden	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Bio-Retention Pond/Rain Garden	Annie Louise Wilkerson, MD Nature Preserve
Permeable Pavement	Annie Louise Wilkerson, MD Nature Preserve
Historic Exhibit	Annie Louise Wilkerson, MD Nature Preserve
Historic Structure	Annie Louise Wilkerson, MD Nature Preserve
Museum	Annie Louise Wilkerson, MD Nature Preserve
Visitor Center	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Canoe & Kayak Launch	Canoe Launch at Falls Dam
Fishing Access	Forest Ridge
Wildlife Viewing	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Nature Education	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Nature-Oriented Exhibit	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Nature-Oriented Educational Signage	Annie Louise Wilkerson, MD Nature Preserve
River	Canoe Launch at Falls Dam
Lake	Forest Ridge
Pond	Annie Louise Wilkerson, MD Nature Preserve
Wetland	Abbotts Creek
Creek	Abbotts Creek, Annie Louise Wilkerson, MD Nature Preserve
Other Natural Water	Annie Louise Wilkerson, MD Nature Preserve
Basketball - Indoor (Full Court)	Abbotts Creek
Multipurpose Field	Abbotts Creek
Open Play Field	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Volleyball - Indoor	Abbotts Creek
Rock Climbing/Bouldering	Annie Louise Wilkerson, MD Nature Preserve
Park Bench	Abbotts Creek, Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Picnic Table	Abbotts Creek, Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Picnic Shelter	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Playgrounds: 2-5	Abbotts Creek, Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Playgrounds: 5-12	Abbotts Creek, Forest Ridge
Playgrounds: Nature-Oriented	Annie Louise Wilkerson, MD Nature Preserve
Trails - Paved	Abbotts Creek, Forest Ridge
Trails - Natural Surface/Unpaved	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Trails - Loop	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge
Mountain Bike Trails	Forest Ridge

Provided Within 5 Miles

Experience	Parks Providing the Experience
Bike Repair Station	Forest Ridge
Car Charging Station	Annie Louise Wilkerson, MD Nature Preserve
Comfort Station	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Honeycutt, Horseshoe Farm
Grill	Berkshire Downs West, Forest Ridge, Durant Nature Preserve, Honeycutt, Millbrook-Exchange
Educational Signage	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Horseshoe Farm
Outdoor Water Fountain - People	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Honeycutt, Millbrook-Exchange
Outdoor Water Fountain - Dogs	Millbrook-Exchange
Splashpad	Millbrook-Exchange
Swimming Pool - Indoor	Millbrook-Exchange
Swimming Pool - Outdoor	Millbrook-Exchange
Active Adult Center	Millbrook-Exchange
Community Center	Abbotts Creek, Millbrook-Exchange
Environmental Education Center	Annie Louise Wilkerson, MD Nature Preserve
Dance Studio	Abbotts Creek
Fitness Center/ Weight Room	Abbotts Creek, Millbrook-Exchange
Library Room	Annie Louise Wilkerson, MD Nature Preserve, Millbrook-Exchange
Rentable Building	Durant Nature Preserve
Disc Golf	Forest Ridge
Pollinator/ Native Garden	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Horseshoe Farm
Sensory Garden	Durant Nature Preserve
Bio-Retention Pond/Rain Garden	Annie Louise Wilkerson, MD Nature Preserve, Horseshoe Farm
Permeable Pavement	Annie Louise Wilkerson, MD Nature Preserve, Horseshoe Farm
Historic Exhibit	Annie Louise Wilkerson, MD Nature Preserve
Historic Structure	Annie Louise Wilkerson, MD Nature Preserve, Horseshoe Farm
Museum	Annie Louise Wilkerson, MD Nature Preserve
Visitor Center	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve
Canoe & Kayak Launch	Canoe Launch at Falls Dam
Fishing Access	Forest Ridge, Durant Nature Preserve
Wildlife Viewing	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Horseshoe Farm
Nature Education	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Horseshoe Farm
Nature-Oriented Exhibit	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Horseshoe Farm
Nature-Oriented Educational Signage	Annie Louise Wilkerson, MD Nature Preserve, Durant Nature Preserve, Horseshoe Farm

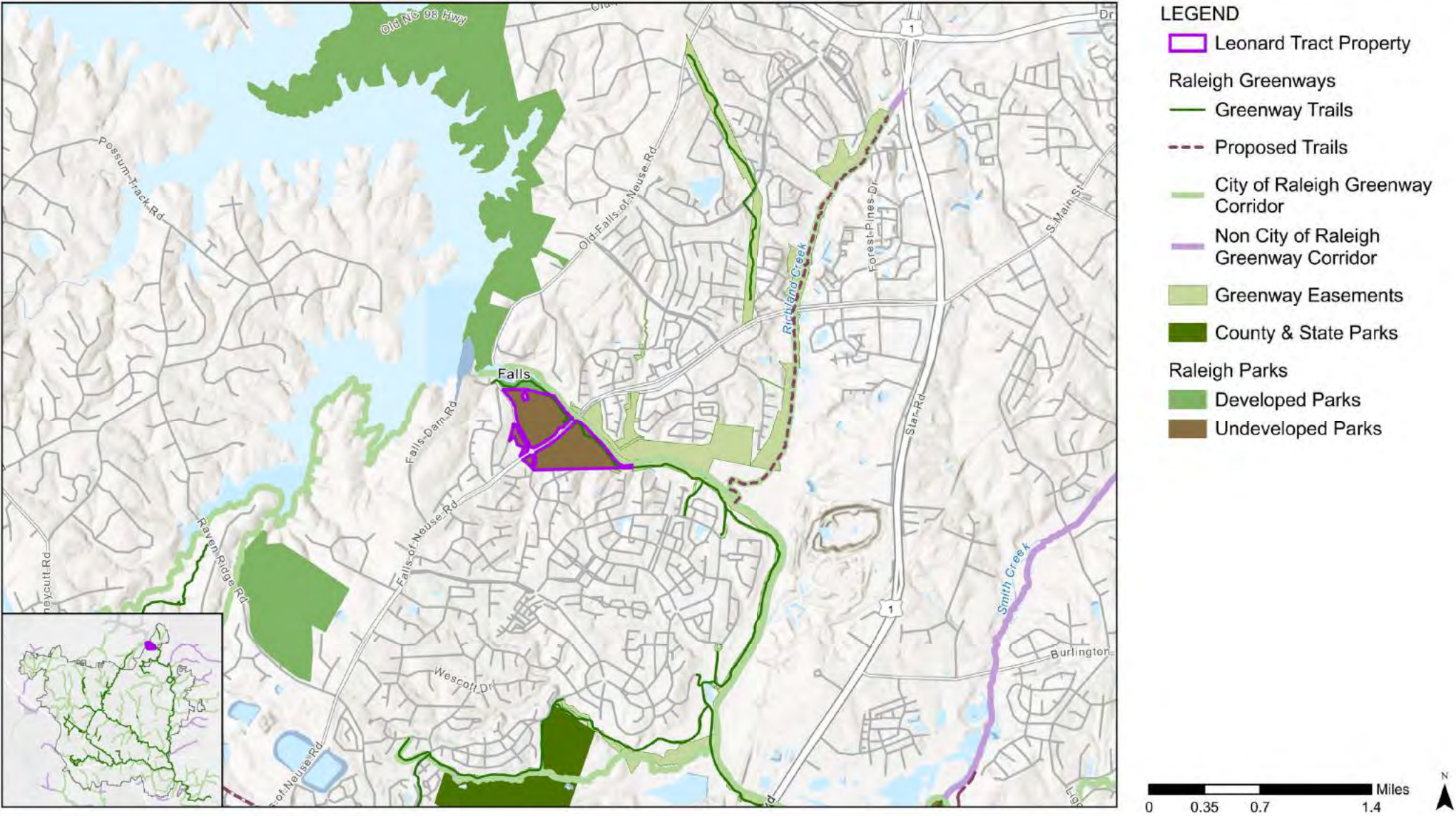
Experience	Parks Providing the Experience
River	Canoe Launch at Falls Dam, Horseshoe Farm
Lake	Forest Ridge, Durant Nature Preserve
Pond	Annie Louise Wilkerson, MD Nature Preserve, Berkshire Downs West
Wetland	Abbotts Creek, Berkshire Downs West, Durant Nature Preserve, Horseshoe Farm
Creek	Abbotts Creek, Annie Louise Wilkerson, MD Nature Preserve, Berkshire Downs West, Durant Nature Preserve, Horseshoe Farm, Millbrook-Exchange
Other Natural Water	Annie Louise Wilkerson, MD Nature Preserve, Durant Nature Preserve
Ballfields	Honeycutt, Millbrook-Exchange
Basketball - Indoor (Full Court)	Abbotts Creek, Millbrook-Exchange
Basketball - Outdoor (Full Court)	Honeycutt, Millbrook-Exchange
Multipurpose Field	Abbotts Creek
Open Play Field	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Honeycutt, Horseshoe Farm, Millbrook-Exchange
Pickleball Court - Indoor	Millbrook-Exchange
Tennis Center	Millbrook-Exchange
Tennis Courts	Millbrook-Exchange
Volleyball - Indoor	Abbotts Creek
Volleyball - Sand	Durant Nature Preserve, Honeycutt
Dog Park	Millbrook-Exchange
Rock Climbing/Bouldering	Annie Louise Wilkerson, MD Nature Preserve
Ampitheatre	Durant Nature Preserve
Park Bench	Abbotts Creek, Annie Louise Wilkerson, MD Nature Preserve, Berkshire Downs West, Forest Ridge, Durant Nature Preserve, Honeycutt, Horseshoe Farm, Millbrook-Exchange
Picnic Table	Abbotts Creek, Annie Louise Wilkerson, MD Nature Preserve, Berkshire Downs West, Forest Ridge, Durant Nature Preserve, Honeycutt, Horseshoe Farm, Millbrook-Exchange
Picnic Shelter	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Honeycutt, Horseshoe Farm, Millbrook-Exchange
Playgrounds: 2-5	Abbotts Creek, Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Honeycutt, Millbrook-Exchange
Playgrounds: 5-12	Abbotts Creek, Berkshire Downs West, Forest Ridge, Honeycutt, Millbrook-Exchange
Playgrounds: Nature-Oriented	Annie Louise Wilkerson, MD Nature Preserve
Trails - Paved	Abbotts Creek, Forest Ridge, Durant Nature Preserve, Honeycutt, Horseshoe Farm, Millbrook-Exchange
Trails - Natural Surface/Unpaved	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Horseshoe Farm, Millbrook-Exchange
Trails - Loop	Annie Louise Wilkerson, MD Nature Preserve, Forest Ridge, Durant Nature Preserve, Horseshoe Farm
Mountain Bike Trails	Forest Ridge, Durant Nature Preserve
Bleachers	Millbrook-Exchange



The Neuse River Greenway traverses the Leonard Tract Property and connects it to the nearby park properties of the Canoe Launch at Falls Lake, Abbott's Creek, Thornton Rd. Property, and Horseshoe Farms. There is a nearby proposed trail along the Richland Creek Corridor. There is also the existing Wakefield Greenway Trail that is not connected to the Neuse River Greenway Trail.

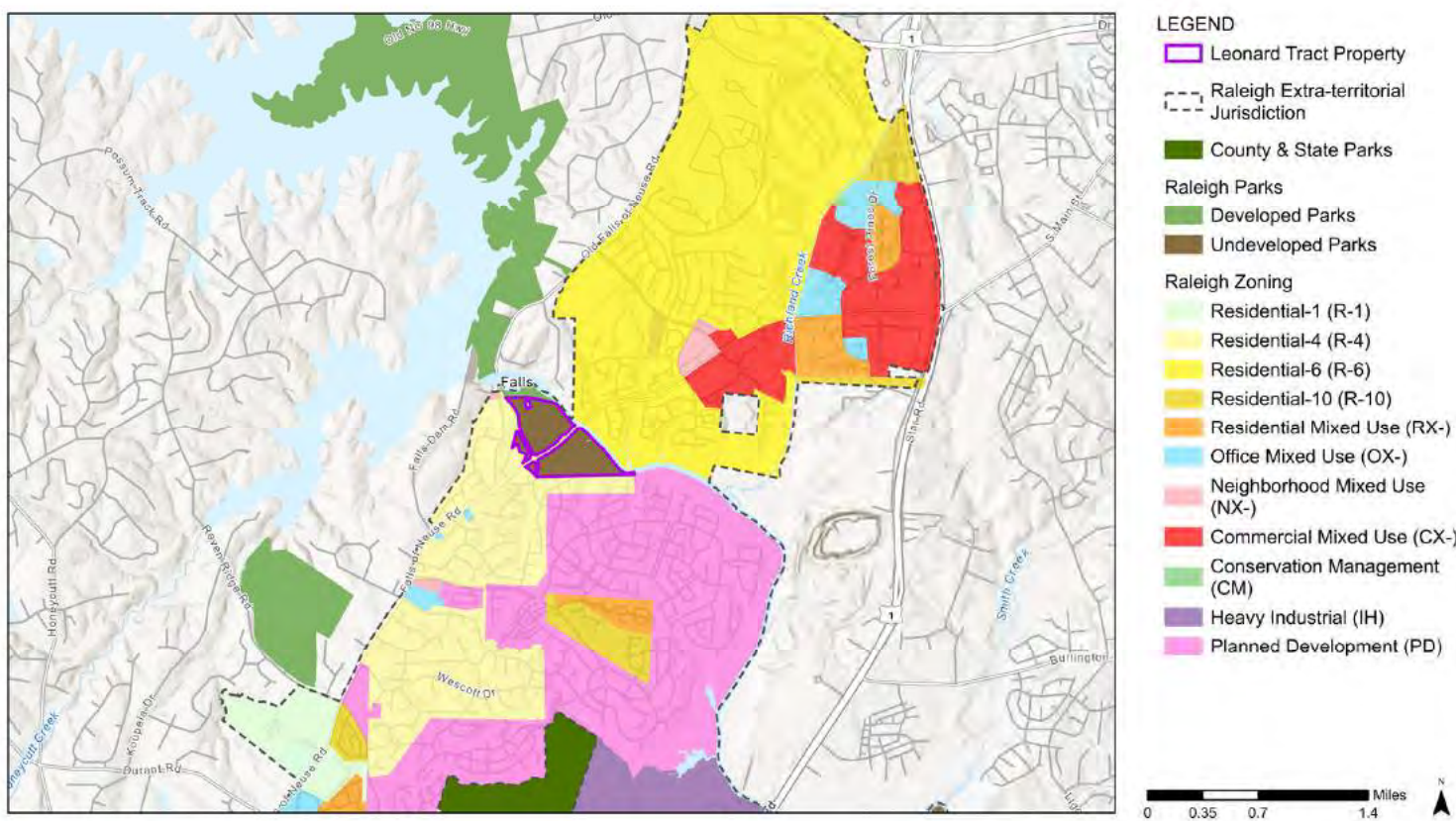
Integration of the Neuse River Greenway Trail will be a key focus of future planning for this park site. Special attention should be given to the need for expanded greenway trailhead parking to supplement the existing trailhead at the Canoe Launch location just north of this site.

Greenway Context Map



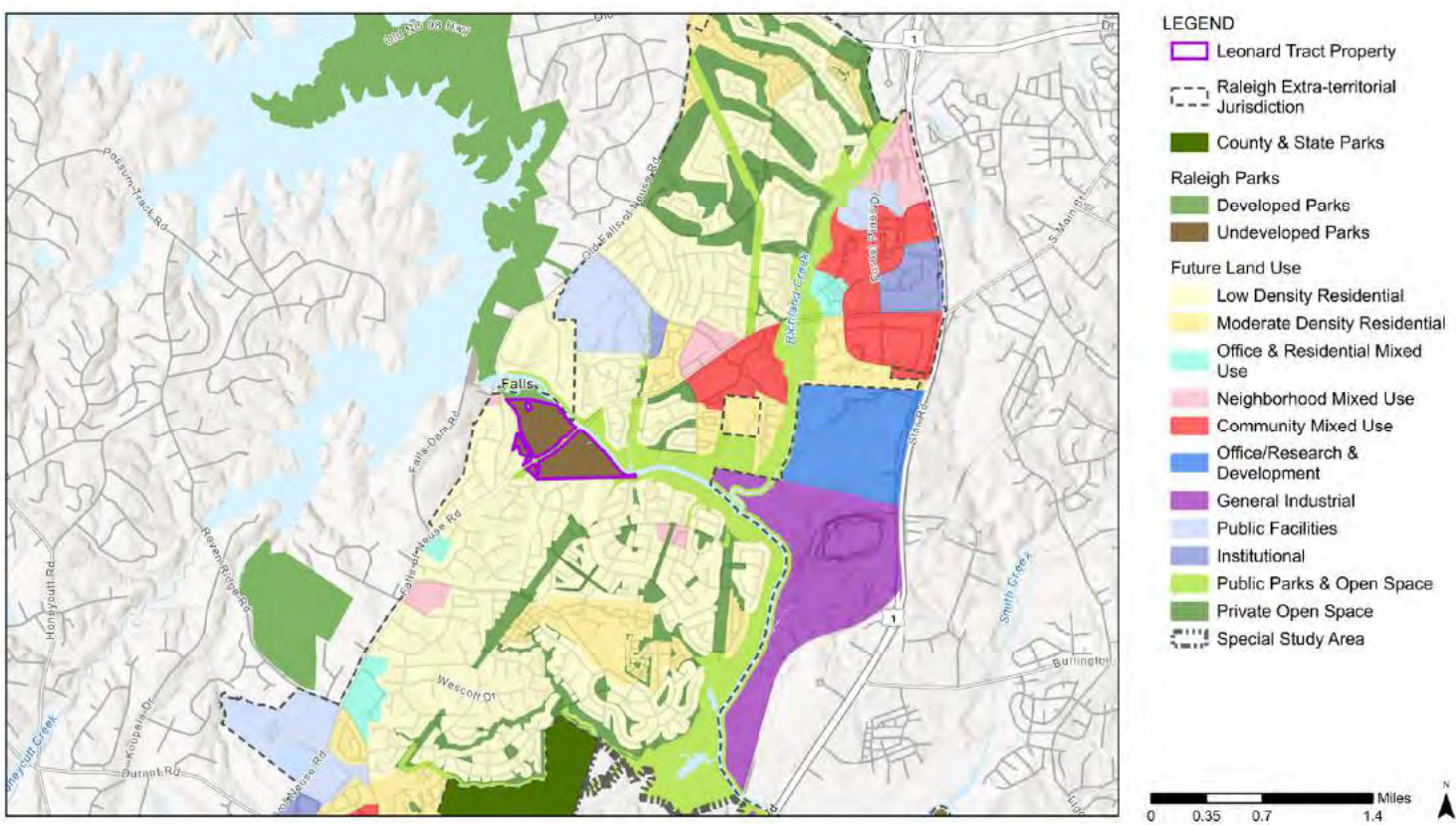


Current Zoning Map



The current zoning surrounding the Leonard Tract Property is primarily residential with a mixture of densities and planned development. There are several parcels zoned commercial & office mixed use to the north east of the property.

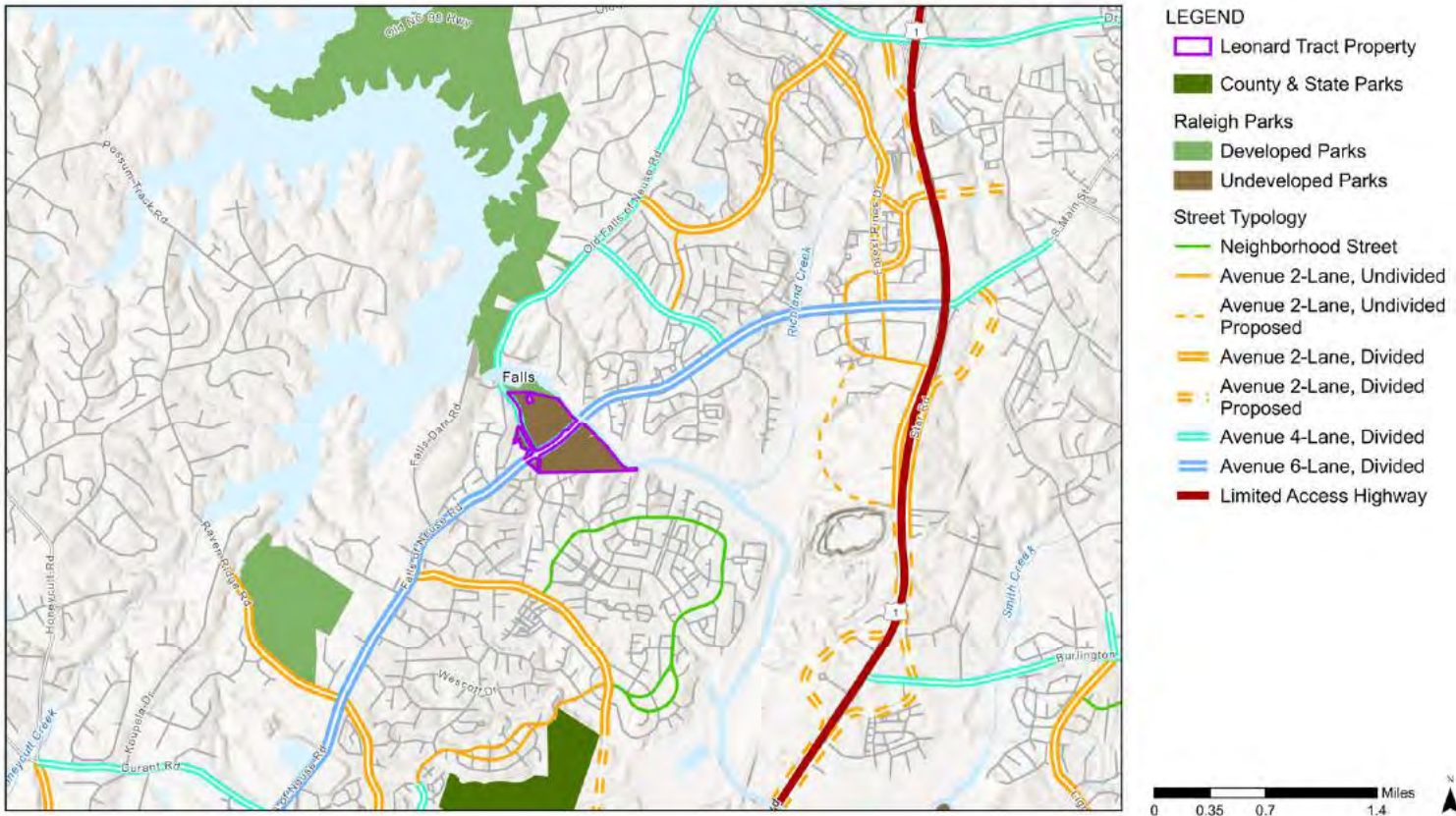
Future Land Use Map



The future land use somewhat reflects the current zoning. For the foreseeable future, the primary land use in the surrounding area is likely to remain low or moderate density residential (primarily single family homes and townhouses). Further land use policy guidance is available in the Falls North Small Area Plan. (<https://cityofraleigh0drupal.blob.core.usgovcloudapi.net/drupal-prod/COR22/FallsNorthFinalReport.pdf>) There is also the addition to general industrial to the east of the Neuse River, as well as the addition of more private and public open space in the area.

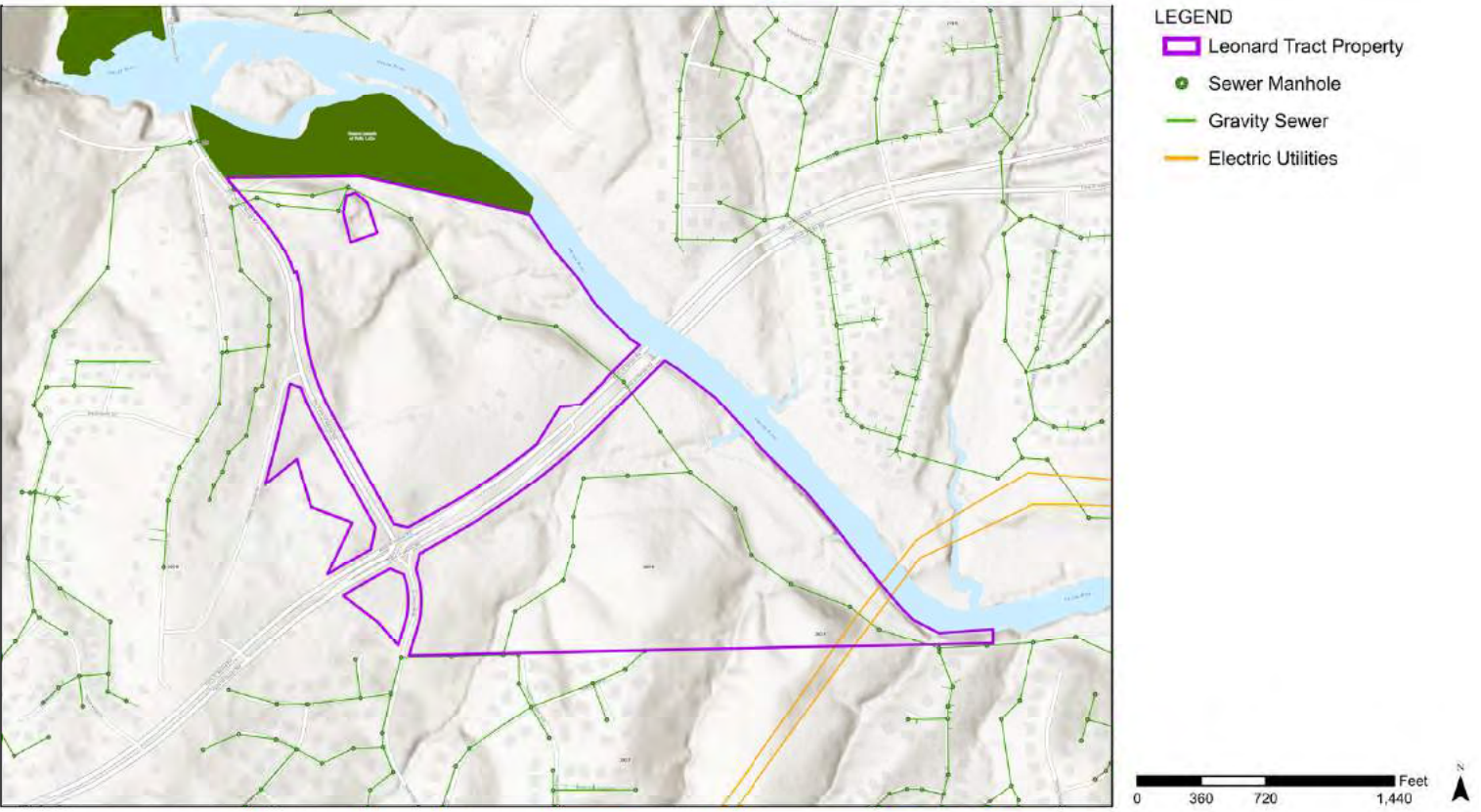


Street Typology Map



Falls of the Neuse Rd. currently separates the Leonard Tract in two. There are no proposed roads through the site or directly nearby.

Utilities Map



There are currently gravity sewers and sewer manholes on the Leonard Tract property. There are also electric utilities that go over the south-eastern tip of the property.



There are entrances to the site from the north off Old Falls of Neuse Rd. and from Falls of Neuse Rd. There is no current parking on site but there is parking immediately adjacent to the site at the Canoe Launch at Falls Dam.

The landscape at the Leonard Tract Property is mostly forested with a few fields in the north and includes a creek and wetland area on the southern portion of the site.

The northern part of the site includes a former homestead site that is evidenced not only by plant species, but by some remaining infrastructure (such as dilapidated fences and fence posts) as well. The southern section of the site seems to have seen less development and offers natural resource habitats with more integrity than the northern half of the site.

There are several opportunities & constraints on site highlighted by the site images found on page 17.

Existing Conditions



LEGEND

Leonard Tract Property

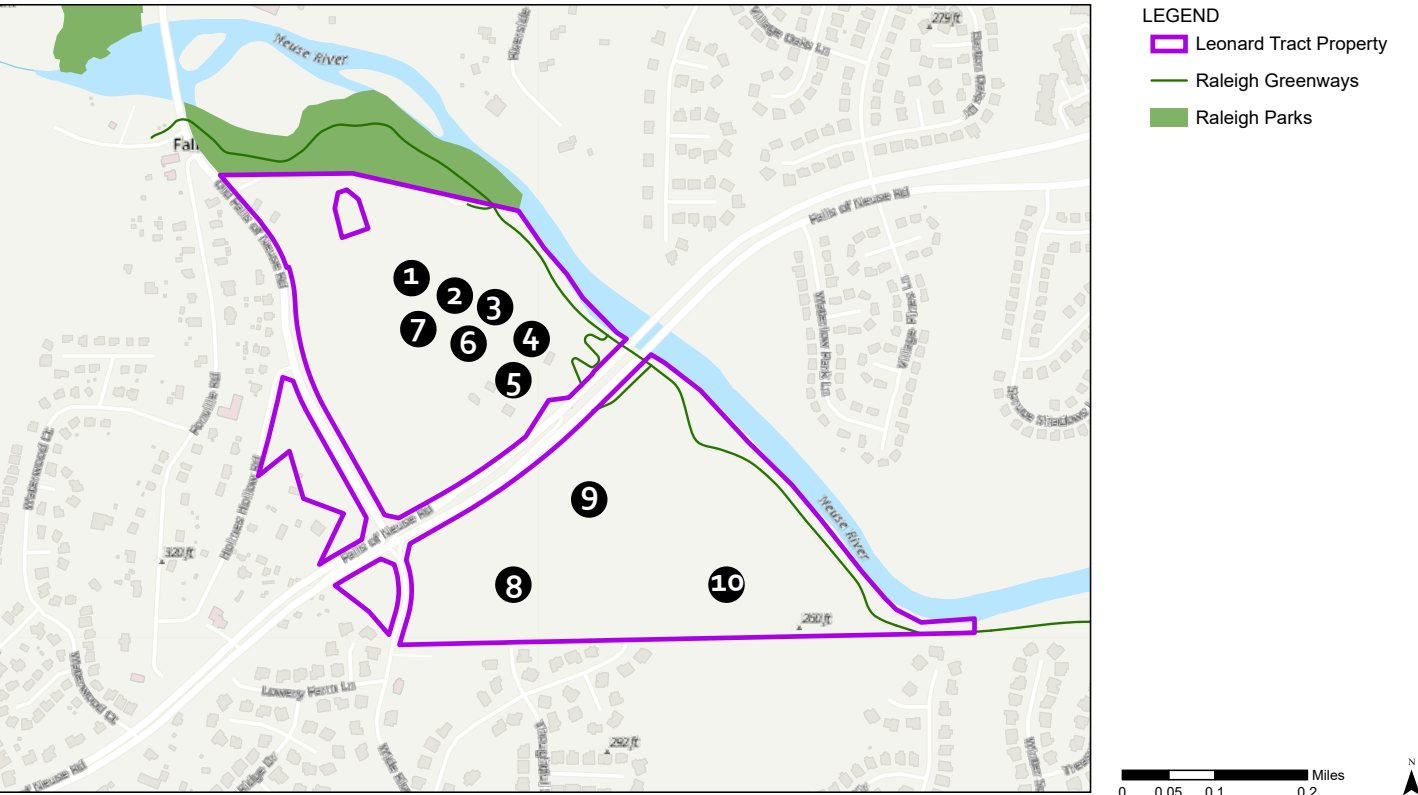
Greenway Trails

Wetlands

- Palustrine- Emergent
- Palustrine- Forested/ Shrub
- Palustrine- Other



Site Images Key



Site Images



Creek

Dumping

Woods



Rolling Topography



Cane Break



Old dilapidated fences



Blooming understory



Field



Invasives



Dumping on site



**Falls Park on the Neuse River  
(Formerly Known As Falls Whitewater Park)**

The development of a whitewater park in the Neuse River below Falls Dam has been in consideration since construction began on Falls Dam in 1978. A feasibility study completed in March 2011 resulted in a conceptual plan for the proposed whitewater park to be developed within a span of approximately 600 feet of the Neuse River, beginning in the southern channel of the river immediately east of the Falls of Neuse Road bridge.

Access improvements proposed in the Falls Park on the Neuse River conceptual plan include a new put-in just upstream of the Falls of Neuse Road bridge and a take-out at the downstream-most pool at the end of the whitewater improvements. Additional river access at various points along the whitewater course, together with a hardened area at the waters edge along the southern bank, would allow for broader access by the general public in addition to whitewater paddlers. The conceptual plan also proposed additional restroom facilities, parking, and improvements to accessibility and circulation.

A Memorandum of Understanding (MOU) was executed in July 2012 between the City of Raleigh and the Falls Whitewater Park Committee (FWPC), which memorialized an agreement “to work together to plan for the construction of a whitewater park on the Neuse River downstream of Falls Lake, including a portion of the area currently managed by the City as the Falls Dam Access on the Neuse River Canoe Trail... Planning for the park will include assessment of opportunities to incorporate existing and proposed features such as picnic shelters, comfort stations, trails, and adjacent wooded areas.”

At this time, sufficient funding is not available to pursue further design, environmental assessment & permitting, or construction of the proposed whitewater features and associated park improvements. The 2012 Memorandum of Understanding also states that, “The FWPC is the designated fiscal agent for the project, meaning that the FWPC has agreed to be responsible for fundraising and solicitation of other resources including grants, in-kind contributions, and corporate donations necessary for construction of the Park. The FWPC makes no guarantees of any kind as to how much money it will be able to raise for the Park. Moreover, FWPC, as a new non-profit entity, has no source of funds of its own that it can provide for the construction of the Park. FWPC agrees to investigate multiple avenues of raising funds and to seek, at its own expense, 501(c)(3) status. This agreement does not preclude the opportunity for the City to also seek funding for the Park.”





Site Acquisition & Previously Conducted Assessments

The site was acquired in 2007 through condemnation, and the Civil Action Memorandum can be found in Appendix A (pg 38). At the time of acquisition, an application was submitted for the Clean Water Management Trust Fund Grant, but was not awarded.

There are three relevant assessments that should be cataloged in the Leonard Tract Pre-Development Assessment Plan so that all relevant information is cataloged together.

These assessments include


- Phase 1 Environmental Site Assessment (2008)
- Phase 2 Assessment of the Inholding area within the Northern Parcel of the Leonard Tract (2009)
- Limited Soil Sampling following the removal of one Underground Storage Tank (2012)

These assessments can be found in Appendix B (page 40), Appendix C (page 51) and Appendix D (page 59).

DEED/PLAT/RECORD  
FILED  
2008 FEB 26 AM 11:29  
DAKE COUNTY, C.S.R.  
ST. ...  
BOOK 191380W PAGE 100452 - 08458

NORTH CAROLINA  
COUNTY OF WAKE  
CITY OF RALEIGH, a municipal corporation,  
Plaintiff,  
vs.  
R. NELSON LEONARD, W. GERALD THORNTON, TRUSTEES of the LEONARD FAMILY CHARITABLE REMAINDER TRUST with effect August 1, 2007, W. GERALD THORNTON, TRUSTEE of the R. NELSON LEONARD CHARITABLE REMAINDER TRUST with effect August 1, 2007, THE COUNTY OF WAKE  
Defendant(s).

THIS CAUSE, coming on to be heard before the undersigned Superior Court Judge Presiding, it having been stipulated by the parties and the Court finding as a fact the following:  
1. This action was duly instituted on August 7, 2007, by the issuance of Summons and the filing of a Complaint, Declaration of Taking, and Notice of Deposit, along with the deposit of one million dollars (\$1,000,000.00), the sum estimated by the Plaintiff to be just compensation for the taking of the property of the defendants, and which sum was then previously submitted to the defendants by Order of the Court.  
2. Summons, together with a copy of the Complaint, Declaration of Taking, and Notice of Deposit were duly served upon each of the Defendants, or service has otherwise been made upon each of the defendants, as they appear or reveal.  
3. All persons having or claiming to have an interest in the condemned land are parties hereto and are duly before the Court.  
4. The parties have now raised all matters in controversy between them, such as agreed by the parties, the sum of ten million three hundred fifty thousand dollars (\$10,350,000.00), which sum includes any claim by the defendants as amount payable by the plaintiff, is the full and adequate value of, and represents just compensation for, the taking of the defendants' property.



GeoLogix  
GEOLOGIC STRATEGIES, P.C.

5316 Deep Valley Run Raleigh, NC 27606

Phase I Environmental Site Assessment

for

Nelson Leonard Tracts  
Falls of the Neuse Road  
Raleigh, North Carolina

prepared for


City of Raleigh

January 24, 2008

GeoLogix, Inc.  
Environmental Consulting  
& Contracting Services

PH: 919-859-4544  
FAX 919-859-4544  
geologix2002@yahoo.com

Geologic Strategies, P.C.  
Professional Geological  
Services



GeoLogix  
GEOLOGIC STRATEGIES, P.C.

5316 Deep Valley Run Raleigh, NC 27606

Limited Phase II  
Environmental Site Assessment (ESA)

at

Smoot Holdings, LLC, Property  
(Former Sewage Treatment Plant Site)  
12054 Falls of Neuse Road  
Raleigh, North Carolina

Prepared for:


City of Raleigh

December 19, 2009

GeoLogix, Inc.  
Environmental Consulting  
& Contracting Services

PH: 919-859-4544  
FAX 919-859-4544  
geologix2002@yahoo.com

Geologic Strategies, P.C.  
Professional Geological  
Services



MATRIX  
Health & Safety Consultants, L.L.C.

February 29, 2012

City of Raleigh Parks and Recreation  
Facilities Management Department  
222 W. Hargett Street, Suite 605  
Raleigh, North Carolina 27602

Attention: Mr. Brian Taylor

Subject: Report of Soil Sampling  
Post Underground Storage Tank Removal  
Leonard Tract  
Raleigh, North Carolina  
Matrix Job Number: 120248

Dear Mr. Taylor:

Matrix Health and Safety Consultants, L.L.C. (Matrix) is pleased to present this report of the limited soil sampling following the removal of an one Underground Storage Tank (UST) located at the Leonard Tract located in Raleigh, North Carolina. This report presents known project information, survey procedures, survey results and recommended response actions.

PROJECT INFORMATION

Matrix collected 3 soil samples from the excavation following the removal of a 1,000 gallon UST. Two soil samples were collected from the north and south ends of the excavation and one sample was collected from the stockpile soil. The samples were delivered to PRISM Laboratories, Inc. in Charlotte, North Carolina and analyzed for Diesel Range Organics (DRO) and Gasoline Range Organics (GRO) utilizing EPA Method 8015C.

The following table summarizes the sample locations and laboratory results. The full laboratory analysis reports is attached as an appendix with this report.

Sample Identification	Sample Location	Diesel Range Organics mg/kg	Gasoline Range Organics mg/kg
01 (North End)	North End of Excavation	14	BRL
02 (South End)	South End of Excavation	BRL	BRL
03 (Stock Pile)	Stock Pile Soil	23	BRL

BRL - Below Reporting Limit

Laboratory results identified Diesel Range Organics exceeded the North Carolina Department of Environment and Natural Resources action level of 10 milligrams per kilogram (mg/kg). Once the action level for DRO or GRO has been exceeded the UST removal becomes a regulated removal and is subject to the requirements for assessment and cleanup.

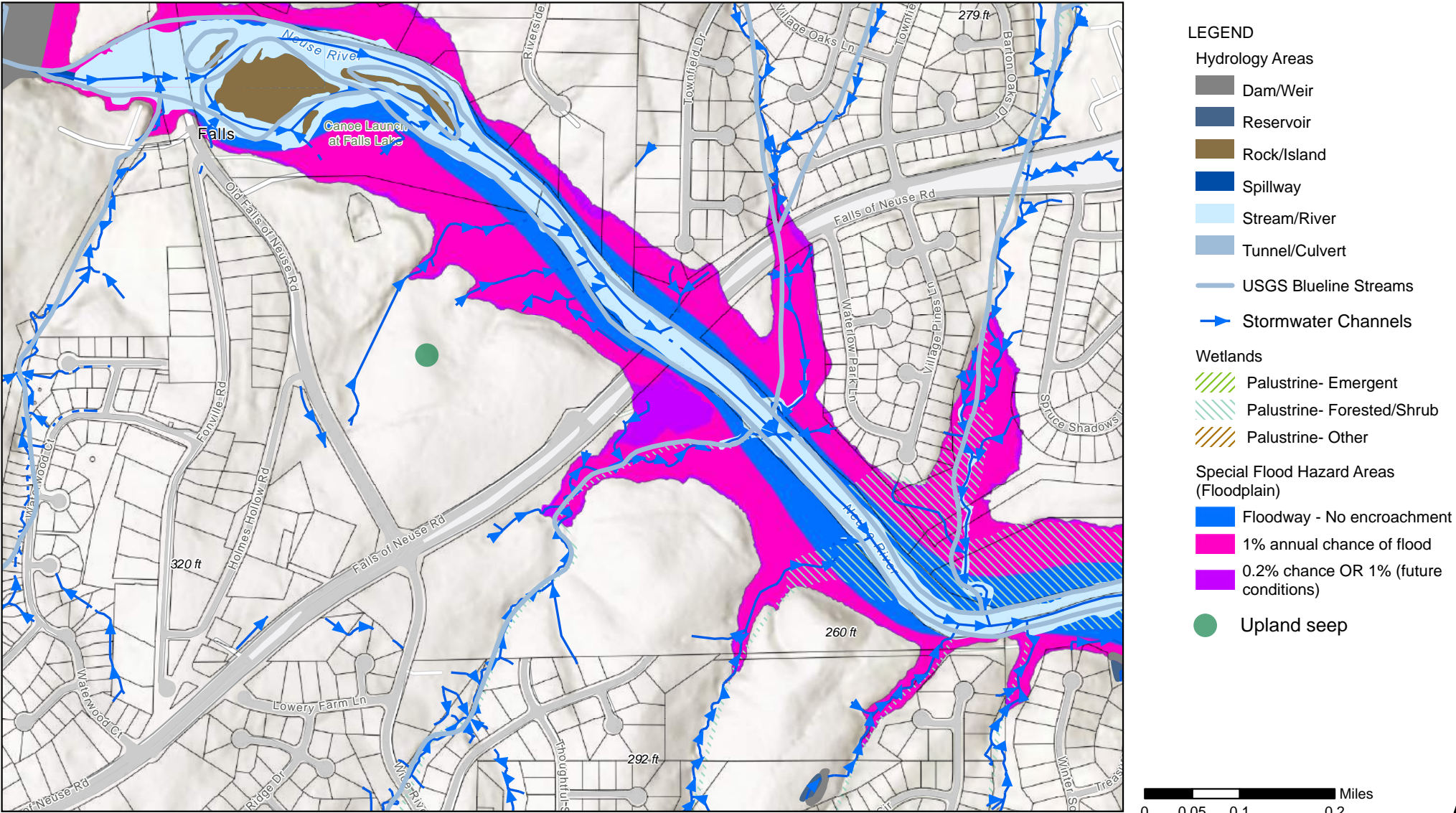
Matrix Health & Safety Consultants, L.L.C. 2900 Yonkers Rd, Raleigh, NC 27604 Phone (919) 833-2520 Fax (919) 882-9926

The Neuse River lies adjacent to the northeastern and eastern portions of the Leonard Tract, representing the most significant hydrological feature on the Property. Approximately 21 acres of the Tract is located within the 100-year floodplain, with roughly 5.8 of those acres lying directly in the floodway and subject to frequent flooding. All the additional hydrological features, including a single blue line stream and multiple stormwater channels, drain from the west/southwest to the east/northeast and discharge into the Neuse River.

In the northern portion of the Leonard Tract, significant hydrological features include several upland seeps and a depressional wetland-like community. This upland wetland has not been officially delineated and is not included in the USFWS National Wetlands Index (NWI). However, this site supports a high density of giant cane (*Arundinaria gigantea*), as well as hydrophilic plants associated with wetland communities such as arrow arum (*Peltandra virginica*), false nettle (*Boehmeria cylindrica*) and lizard's tail (*Saururus cernuus*). Erosional channels were observed scattered throughout the northern portions of the Tract, although the extent and severity were relatively limited. One particularly significant upland seep was identified in the northern portion of the Tract that may have been previously used as a well-water source by the former landowners and/or their livestock. Sustained flow and the presence of large stones possibly used to create a small pool provided the evidence for this assumption.

The single blue line stream on the Property lies within the southern portion of the Tract and drains from the southwest to the northeast before passing under the Greenway via a large culvert and emptying into the Neuse River. Several stormwater channels are present in the southern portion of the Tract and drain into the blue line stream. A major stormwater channel located in the southernmost portion of the Tract flows into a freshwater forested-shrub wetland (NWI), measuring approximately 1.8 acres, before discharging into the Neuse River. Freshwater forested-shrub wetlands (NWI) have also been delineated along the immediate riparian areas surrounding the blue line stream and the large stormwater channel in the southernmost portion of the Tract.

## Hydrology Map





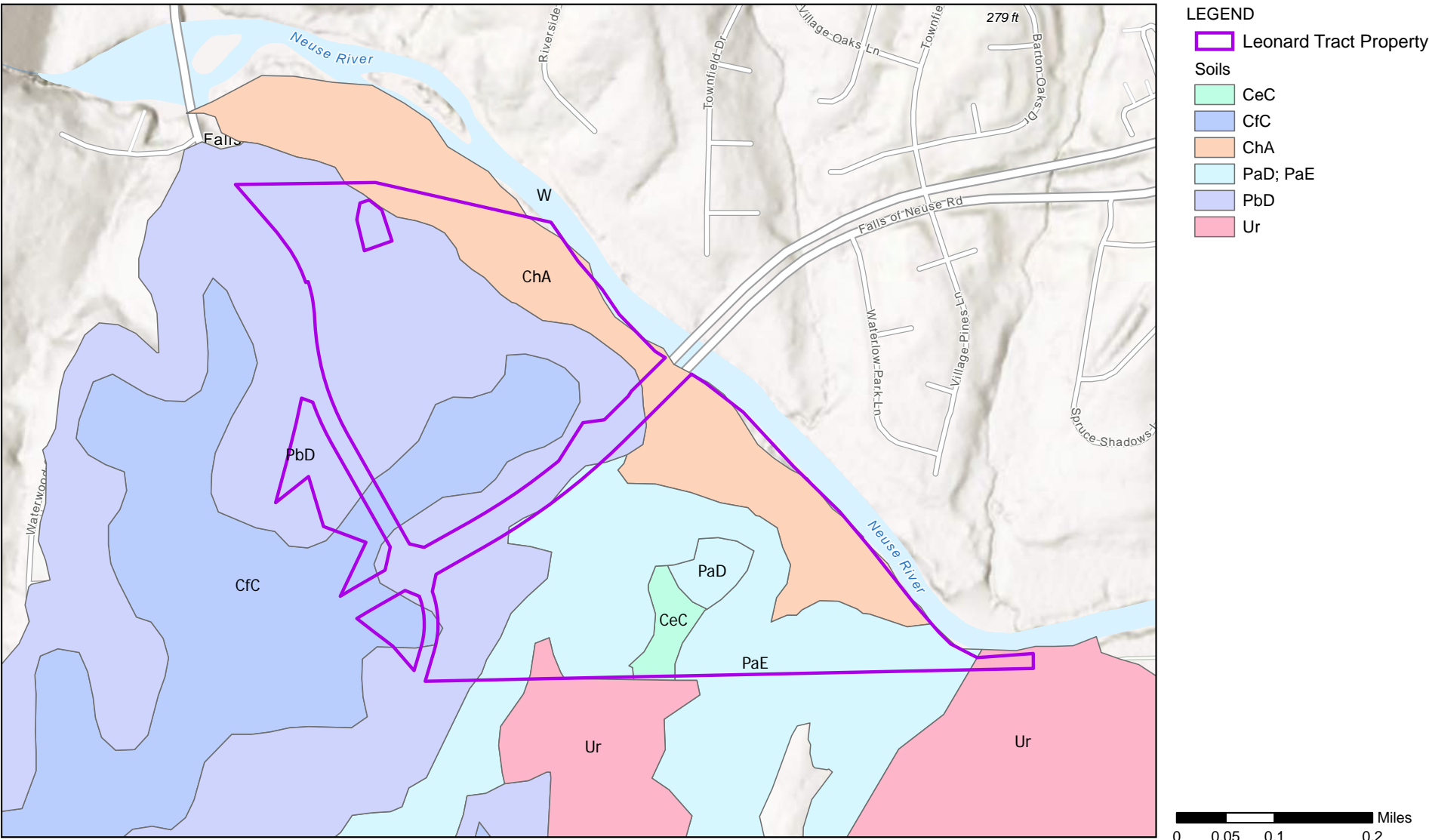
The two most dominant upland soils occurring on the Leonard Tract include the well-drained Pacolet and Cecil soil series, comprised predominantly of sandy loam. Partially hydric and poorly drained soils, such as Chewacla and Wehadkee series, are found in small areas of the Tract closest to the Neuse River. The topography of the Tract is more variable in the southern portion compared to the northern portion, and thus the southern portion exhibits more diverse soil types.

The most upland portions of the Leonard Tract exhibit soils most suitable for facility development but the topography and stormwater drainage channels will present challenges. The majority of the upland areas exhibit well-drained sandy loam soils; however, topographical depressions and erosional channels may contain different soil types not recorded on the available soil survey. The most poorly drained soils are found in the lower-lying portions of the Tract that are closest to the Neuse River. The Neuse River is protected by the Neuse River Buffer Rules, and any development that results in excessive run-off and/or sedimentation in the Neuse River will be prohibited. The Neuse River Buffer Rules also dictate that no development of permanent structure will be permitted within 50-feet of the River, which ensures protections for the most sensitive portions of the Tract.

Table of Soils Found Within or Adjacent to Leonard Tract Property Boundaries			
Soil Abbreviation*	Soil Type Name	Drainage Class	Hydric Rating
Ce	Cecil sandy loam	Well-drained	Non-hydric
Cf	Cecil-urban land complex	Well-drained	Non-hydric
Ch	Chewacla silty clay loam	Poorly drained	Partially hydric
Pa	Pacolet sandy loam	Well-drained	Non-hydric
Pb	Pacolet- urban land complex	Well-drained	Non-hydric
Ur	Urban land	---	---
W	Water	---	---

\*Percent-slope indicated by A, B, and C ratings in increasing order. Soils that have been heavily eroded are denoted with “2” after the soil type abbreviation.

Soils & Geology Map

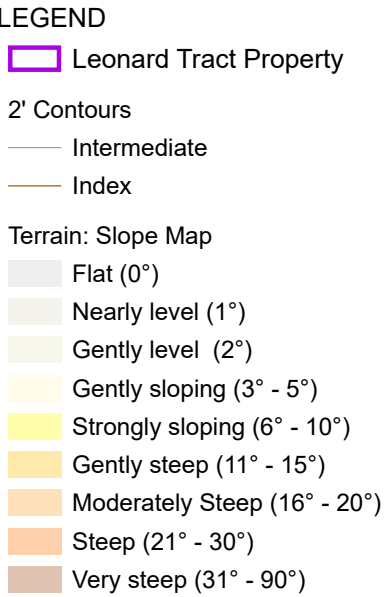
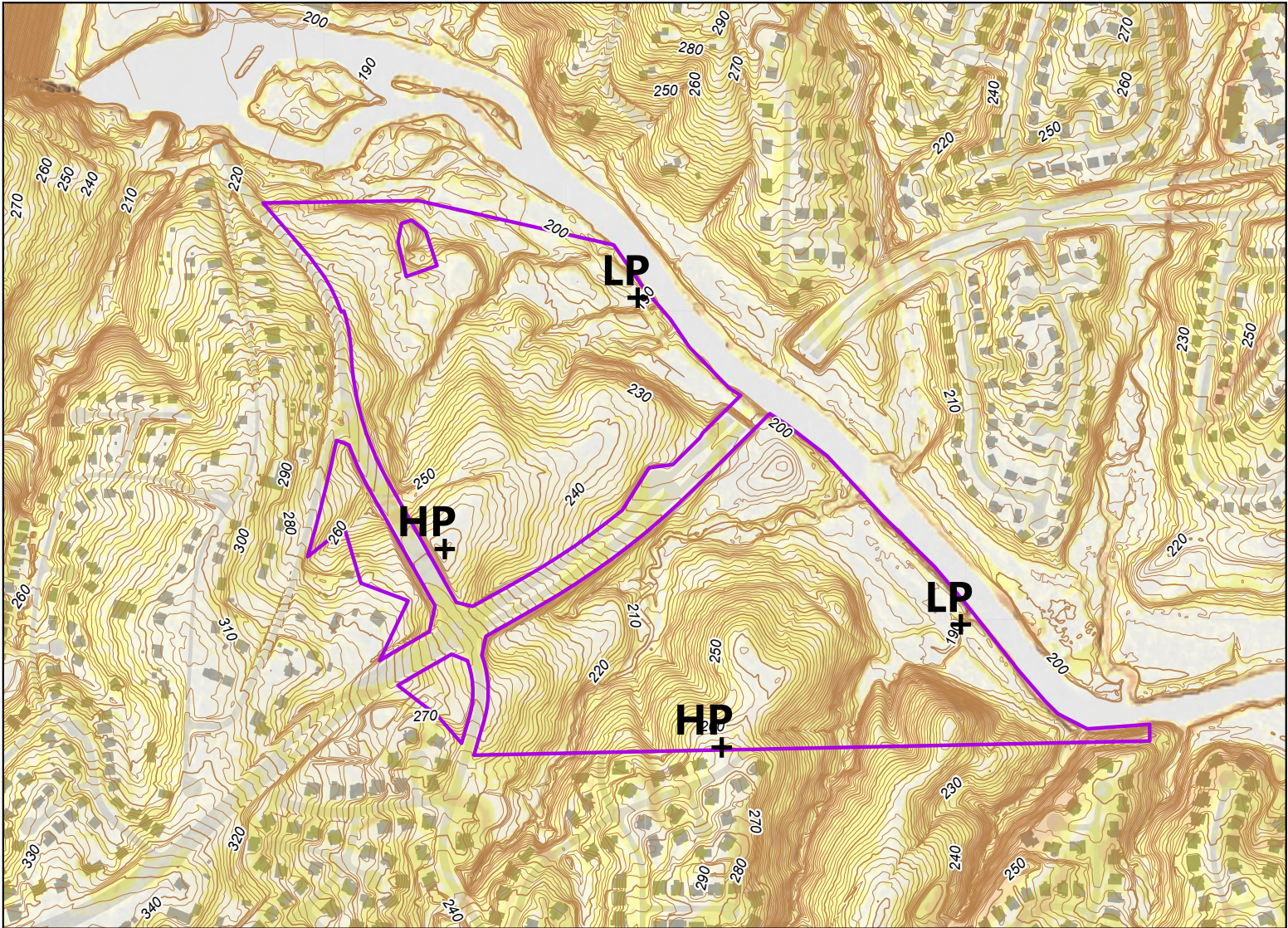
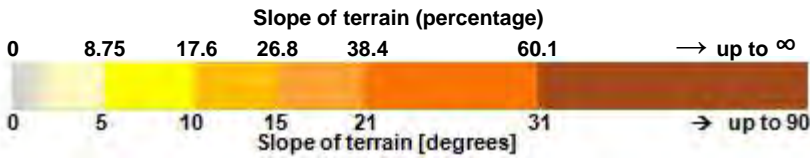




On both larger parcels, the terrain slopes from the southwest part of the Leonard Tract Property towards the Neuse River to the northeast of the property. The high points (HP) are noted on the southwest areas of the property and the low points (LP) is found in the northeastern area. The site has some gently sloping areas (0-8.75%) especially in the northern parcel but significant portions of the site are characterized by steep slopes (38%-60%) and very steep slopes (>60%) especially in the southern parcel.

The natural topography of the site will heavily influence the developable area, and may dictate site programming. Hiking and biking trails, as well as other forms of low-impact recreation that can take advantage this topography should be considered.

Slope & Topography Map





# NATURAL RESOURCE INVENTORY

The Leonard Tract encompasses roughly 83.6 acres of rolling topography, mixed forests, and multiple natural communities/habitat types.

## List of wildlife species observed at the Leonard Tract

This list is not meant to be exhaustive and represents observations made during multiple site visits by Raleigh PRCR staff. More wildlife species will likely be found within the Leonard Tract after additional ecological monitoring and biological sampling.

Common Name	Scientific Name	Native (Y/N)	Special Status*
Bird species			
American crow	<i>Corvus brachyrhynchos</i>	Y	----
American robin	<i>Turdus migratorius</i>	Y	----
blue jay	<i>Cyanocitta cristata</i>	Y	----
Carolina chickadee	<i>Poecile carolinensis</i>	Y	----
eastern towhee	<i>Pipilo erythrophthalmus</i>	Y	----
hairy woodpecker	<i>Leuconotopicus villosus</i>	Y	----
northern cardinal	<i>Cardinalis cardinalis</i>	Y	----
white-eyed vireo	<i>Vireo griseus</i>	Y	Critically Imperiled (NC)
Mammal species			
coyote (scat)	<i>Canis latrans</i>	Y	----
white-tailed deer	<i>Odocoileus virginianus</i>	Y	----
Reptile species			
eastern box turtle	<i>Terrapene carolina carolina</i>	Y	NC conservation need
black racer	<i>Coluber constrictor</i>	Y	----
DeKay’s brown snake	<i>Storeria dekayi</i>	Y	----
Amphibian species			
American toad	<i>Anaxyrus americanus</i>	Y	----
northern cricket frog	<i>Acris crepitans</i>	Y	----

\* Some wildlife species were unable to be identified to species, therefore it may be possible that other wildlife species associated with a special conservation status exist onsite.

## List of plant species observed at the Leonard Tract

This list is not meant to be exhaustive and represents observations made during multiple site visits by Raleigh PRCR staff. More wildlife species will likely be found within the Leonard Tract after additional ecological monitoring and biological sampling.

Common Name	Scientific Name	Native (Y/N)	Special Status*
Grass species			
bluestem grasses	<i>Andropogon</i> spp.	Y	----
crab grasses	<i>Digitaria</i> spp.	Y & N	----
crown grasses	<i>Paspalum</i> spp.	Y & N	----
fescue grasses	<i>Festuca</i> spp.	N	----
giant cane	<i>Arundinaria gigantea</i>	Y	----
Japanese stiltgrass	<i>Microstegium vimineum</i>	N	----
Johnson grass	<i>Sorghum halepense</i>	N	----
monkey grass	<i>Liriope muscari</i>	N	----
panic grasses	<i>Panicum</i> spp.	Y	----
purpletop grass	<i>Tridens flavus</i>	Y	----
river oats	<i>Chasmanthium latifolium</i>	Y	----
rosette panic grasses	<i>Dicanthelium</i> spp.	Y	----
rushes	<i>Juncus</i> spp.	Y	----*
sedges	<i>Carex</i> spp.	Y	----*
wood oats	<i>Chasmanthium</i> spp.	Y	----
Forb species			
asters	<i>Aster</i> spp.	Y	----*
bedstraws	<i>Galium</i> spp.	Y	----
black snakeroot	<i>Actaea racemosa</i>	Y	----
bonesets	<i>Eupatorium</i> spp.	Y	----*
Christmas fern	<i>Polystichum acrostichoides</i>	Y	----

cinnamon fern	<i>Osmundastrum cinnamomeum</i>	Y	----
common jewelweed	<i>Impatiens capensis</i>	Y	----
common ragweed	<i>Ambrosia artemisiifolia</i>	Y	----
crane-fly orchid	<i>Tipularia discolor</i>	Y	----
false nettle	<i>Boehmeria cylindrica</i>	Y	----
false Solomon’s seal	<i>Maianthemum racemosum</i>	Y	----
green arum	<i>Peltandra virginica</i>	Y	----
goldenrods	<i>Solidago</i> spp.	Y	----
heartleaf	<i>Hexastylis</i> sp.	Y	----
hemp dogbane	<i>Apocynum cannabinum</i>	Y	----
Jack-in-the-pulpit	<i>Arisaema triphyllum</i>	Y	----
lizard’s tail	<i>Saururus cernuus</i>	Y	----
partridge berry	<i>Mitchella repens</i>	Y	----
peas - legumes	<i>Lespedeza</i> spp.	Y & N	----
peas - legumes	<i>Desmodium</i> spp.	Y	----
sensitive fern	<i>Onoclea sensibilis</i>	Y	----
shrub yellowroot	<i>Xanthorhiza simplicissima</i>	Y	----
skullcaps	<i>Scutellaria</i> spp.	Y	----*
smartweeds	<i>Polygonum</i> spp.	Y & N	----
sneezeweed	<i>Helenium autumnale</i>	Y	----
Solomon’s seal	<i>Polygonatum biflorum</i>	Y	----
southern lady fern	<i>Athyrium asplenoides</i>	Y	----
spotted wintergreen	<i>Chimaphila maculata</i>	Y	----
sweet everlasting	<i>Pseudognaphalium obtusifolium</i>	Y	----
tall rattlesnake root	<i>Nabalus altissimus</i>	Y	----
Virginia dayflower	<i>Commelina virginica</i>	Y	----
white milkweed	<i>Asclepias variegata</i>	Y	----
wingstem	<i>Verbesina alternifolia</i>	Y	----

List of plant species observed at the Leonard Tract  
Continued

Shrub/vine species			
English ivy	<i>Hedera helix</i>	N	----
greenbriers	<i>Smilax</i> spp.	Y	----
groundsel tree	<i>Baccharis halimifolia</i>	Y	----
Japanese honeysuckle	<i>Lonicera japonica</i>	N	----
kudzu	<i>Pueraria montana</i>	N	----
leatherleaf mahonia	<i>Mahonia bealei</i>	N	----
multiflora rose	<i>Rosa multiflora</i>	N	----
privets	<i>Ligustrum</i> spp.	N	----
wax myrtle	<i>Myrica cerifera</i>	Y	----
wild blueberries	<i>Vaccinium</i> spp.	Y	----
wild grapes	<i>Vitis</i> spp.	Y	----
wild olives	<i>Elaeagnus</i> spp.	N	----
Tree species			
American beech	<i>Fagus grandifolia</i>	Y	----
American sycamore	<i>Platanus occidentalis</i>	Y	----
black walnut	<i>Juglans nigra</i>	Y	----
black gum	<i>Nyssa sylvatica</i>	Y	----
Callery pear	<i>Pyrus calleryana</i>	N	----
eastern hophornbeam	<i>Ostrya virginiana</i>	Y	----
eastern hornbeam	<i>Carpinus caroliniana</i>	Y	----
green ash	<i>Fraxinus pennsylvanica</i>	Y	----
loblolly pine	<i>Pinus taeda</i>	Y	----
mockernut hickory	<i>Carya tomentosa</i>	Y	----
northern red oak	<i>Quercus rubra</i>	Y	----
pignut hickory	<i>Carya glabra</i>	Y	----
post oak	<i>Quercus stellata</i>	Y	----
red maple	<i>Acer rubrum</i>	Y	----

river birch	<i>Betula nigra</i>	Y	----
shortleaf pine	<i>Pinus echinata</i>	Y	----
sourwood	<i>Oxydendrum arboretum</i>	Y	----
southern hackberry	<i>Celtis laevigata</i>	Y	----
southern red oak	<i>Quercus falcata</i>	Y	----
sugar maple	<i>Acer saccharum</i>	Y	----
sweetgum	<i>Liquidambar styraciflua</i>	Y	----
water oak	<i>Quercus nigra</i>	Y	----
white oak	<i>Quercus alba</i>	Y	----
winged elm	<i>Ulmus alata</i>	Y	----
yellow poplar	<i>Liriodendron tulipifera</i>	Y	----

\* Some wildlife species were unable to be identified to species, therefore it may be possible that other wildlife species associated with a special conservation status exist onsite.



NC Natural Heritage Program



Roy Cooper, Governor  
Susi Hamilton, Secretary  
Walter Clark, Director, Land and Water Stewardship

NCNHDE-13210

October 29, 2020

Emma Liles  
City of Raleigh  
222 W Hargett St  
Raleigh, NC 27602  
RE: Leonard Tract Pre-Development Assessment

Dear Emma Liles:

The North Carolina Natural Heritage Program (NCNHP) appreciates the opportunity to provide information about natural heritage resources for the project referenced above.

A query of the NCNHP database indicates that there are records for rare species, important natural communities, natural areas, and/or conservation/managed areas within the proposed project boundary. These results are presented in the attached ‘Documented Occurrences’ tables and map.

The attached ‘Potential Occurrences’ table summarizes rare species and natural communities that have been documented within a one-mile radius of the property boundary. The proximity of these records suggests that these natural heritage elements may potentially be present in the project area if suitable habitat exists. Tables of natural areas and conservation/managed areas within a one-mile radius of the project area, if any, are also included in this report.

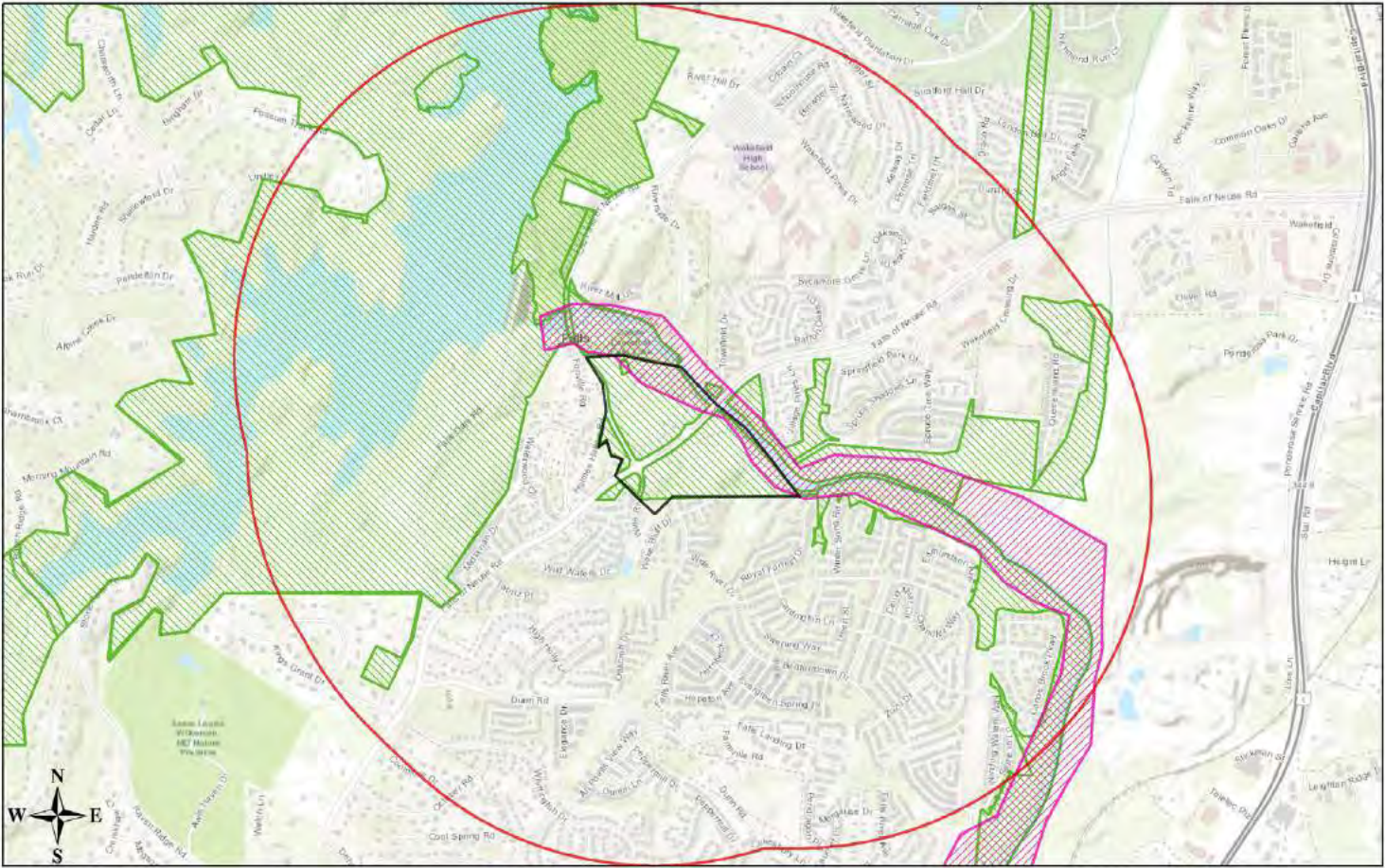
If a Federally-listed species is documented within the project area or indicated within a one-mile radius of the project area, the NCNHP recommends contacting the US Fish and Wildlife Service (USFWS) for guidance. Contact information for USFWS offices in North Carolina is found here: <https://www.fws.gov/offices/Directory/ListOffices.cfm?statecode=37>.

Please note that natural heritage element data are maintained for the purposes of conservation planning, project review, and scientific research, and are not intended for use as the primary criteria for regulatory decisions. Information provided by the NCNHP database may not be published without prior written notification to the NCNHP, and the NCNHP must be credited as an information source in these publications. Maps of NCNHP data may not be redistributed without permission.

Also please note that the NC Natural Heritage Program may follow this letter with additional correspondence if a Dedicated Nature Preserve, Registered Heritage Area, Clean Water Management Trust Fund easement, or an occurrence of a Federally-listed species is documented near the project area.

If you have questions regarding the information provided in this letter or need additional assistance, please contact Rodney A. Butler at [rodney.butler@ncdcr.gov](mailto:rodney.butler@ncdcr.gov) or 919-707-8603.

Sincerely,  
NC Natural Heritage Program



October 29, 2020

- Project Boundary
- Buffered Project Boundary
- NHP Natural Area (NHNA)
- Managed Area (MAREA)

1:24,849  
0 0.2 0.4 0.8 mi  
0 0.325 0.65 1.3 km

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Natural Heritage Element Occurrences, Natural Areas, and Managed Areas Intersecting the Project Area  
Leonard Tract Pre-Development Assessment  
October 29, 2020  
NCNHDE-13210

Element Occurrences Documented Within Project Area

Taxonomic Group	EO ID	Scientific Name	Common Name	Last Observation Date	Element Occurrence Rank	Accuracy	Federal Status	State Status	Global Rank	State Rank
Dragonfly or Damsel <span>fly</span>	26060	Gomphurus septima	Septima's Clubtail	2012-05-03	BC	3-Medium	---	Significantly Rare	G2	S3
Dragonfly or Damsel <span>fly</span>	33693	Gomphurus ventricosus	Skillet Clubtail	2010-05-12	C	3-Medium	---	Significantly Rare	G3	S1
Freshwater Bivalve	29256	Alasmidonta undulata	Triangle Floater	2017-10-30	E	3-Medium	---	Threatened	G4	S3
Freshwater Bivalve	36501	Elliptio roanokensis	Roanoke Slabshell	2016-07-27	E	3-Medium	---	Special Concern	G3	S3
Freshwater Bivalve	19137	Lampsilis radiata	Eastern Lampmussel	2018-06-29	E	3-Medium	---	Threatened	G5	S3

Natural Areas Documented Within Project Area

Site Name	Representational Rating	Collective Rating
Upper Neuse River Floodplain	R2 (Very High)	C3 (High)

Managed Areas Documented Within Project Area

Managed Area Name	Owner	Owner Type
Butner-Falls of Neuse Game Land	NC Wildlife Resources Commission	State
Falls Lake	US Army Corps of Engineers	Federal
City of Raleigh Open Space - Planned White Water Park	City of Raleigh	Local Government
City of Raleigh Open Space	City of Raleigh	Local Government
City of Raleigh Open Space	City of Raleigh	Local Government
City of Raleigh Open Space	City of Raleigh	Local Government

\*NOTE: If the proposed project intersects with a conservation/managed area, please contact the landowner directly for additional information. If the project intersects with a Dedicated Nature Preserve (DNP), Registered Natural Heritage Area (RHA), or Federally-listed species, NCNHP staff may provide additional correspondence regarding the project.

Definitions and an explanation of status designations and codes can be found at <https://ncnhde.natureserve.org/help>. Data query generated on October 29, 2020; source: NCNHP, Q3 October 2020. Please resubmit your information request if more than one year elapses before project initiation as new information is continually added to the NCNHP database.

Natural Heritage Element Occurrences, Natural Areas, and Managed Areas Within a One-mile Radius of the Project Area  
Leonard Tract Pre-Development Assessment  
October 29, 2020  
NCNHDE-13210

Element Occurrences Documented Within a One-mile Radius of the Project Area

Taxonomic Group	EO ID	Scientific Name	Common Name	Last Observation Date	Element Occurrence Rank	Accuracy	Federal Status	State Status	Global Rank	State Rank
Amphibian	11026	Necturus lewisi	Neuse River Waterdog	1979-02-06	X	2-High	Proposed Threatened	Special Concern	G2	S2
Dragonfly or Damsel <span>fly</span>	32043	Coryphaeschna ingens	Regal Darner	2004-Pre	H?	5-Very Low	---	Significantly Rare	G5	S2?
Dragonfly or Damsel <span>fly</span>	26060	Gomphurus septima	Septima's Clubtail	2012-05-03	BC	3-Medium	---	Significantly Rare	G2	S3
Dragonfly or Damsel <span>fly</span>	33693	Gomphurus ventricosus	Skillet Clubtail	2010-05-12	C	3-Medium	---	Significantly Rare	G3	S1
Freshwater Bivalve	29256	Alasmidonta undulata	Triangle Floater	2017-10-30	E	3-Medium	---	Threatened	G4	S3
Freshwater Bivalve	36501	Elliptio roanokensis	Roanoke Slabshell	2016-07-27	E	3-Medium	---	Special Concern	G3	S3
Freshwater Bivalve	19137	Lampsilis radiata	Eastern Lampmussel	2018-06-29	E	3-Medium	---	Threatened	G5	S3
Mammal	16534	Myotis austroriparius	Southeastern Bat	1982-Pre	X	2-High	---	Special Concern	G4	S2
Mammal	38967	Myotis austroriparius	Southeastern Bat	2017-06-27	E	2-High	---	Special Concern	G4	S2
Vascular Plant	2242	Micranthes pennsylvanica	Swamp Saxifrage	1986-04-19	X?	3-Medium	---	Endangered	G5	S1

Natural Areas Documented Within a One-mile Radius of the Project Area

Site Name	Representational Rating	Collective Rating
Upper Neuse River Floodplain	R2 (Very High)	C3 (High)

Managed Areas Documented Within a One-mile Radius of the Project Area

Managed Area Name	Owner	Owner Type
Butner-Falls of Neuse Game Land	NC Wildlife Resources Commission	State
Falls Lake	US Army Corps of Engineers	Federal
Forest Ridge Park	US Army Corps of Engineers	Federal
Wake County Open Space Easement	Wake County	Local Government
City of Raleigh Open Space - Planned White Water Park	City of Raleigh	Local Government
City of Raleigh Open Space	City of Raleigh	Local Government
City of Raleigh Greenway - Richland Creek Greenway	City of Raleigh	Local Government
City of Raleigh Greenway - Wakefield Trail	City of Raleigh	Local Government
North American Land Trust Easement	North American Land Trust	Private
City of Raleigh Open Space	City of Raleigh	Local Government
City of Raleigh Open Space	City of Raleigh	Local Government



## Previous Land Use Maps

The Leonard Tract was acquired by the City of Raleigh in 2010, and evidence of past land use activities can be readily observed throughout the Property. These relics of past use, as well as historic aerial photographs, suggest that most of the Tract was formerly used as pastureland. This is supported by the conspicuous remnants of dilapidated fences and fence posts that were used to separate the pastures on the Property. Additional evidence suggests that other agricultural practices such as row-cropping occurred on the site, although it is difficult to gauge the extent of these activities.

The Leonard Tract featured at least two residences and several other structures presumed to be barns and/or storage buildings. These buildings were demolished and removed after the City acquired the Property in 2010. Old roadbeds and driveways can be found traversing the Tract and are most concentrated near the central portion of the Property where the residences and other buildings were previously located. The construction of Falls of Neuse Rd. began in 2010 as well and bisected the Property, dividing the Tract into the northern and southern portions outlined on the maps and referenced above. Evidence from historic aerial photographs suggests that the Tract was utilized as pastureland until rough 2008-2009, just prior to acquisition by the City.

Man-made drainage ditches and the remnants of a small impoundment near an upland seep provide insight into how previous landowners managed the surface water on the Tract. These actions have altered the natural hydrology of the site and have likely resulted in the loss or reduction of additional wetland habitats that may have previously existed in the upland portions of the Tract. The rapid development of the surrounding area, including the construction of Falls of Neuse Rd., has created negative impacts associated with stormwater run-off, including heavy erosion and scouring in the more upland portions, and sedimentation in the lower-lying areas and streams/drainage channels.



1959



1971



1981



1988



1999



2010



2019



State Historic Preservation Office

The NC State Historic Preservation Office (SHPO) was consulted during the pre-development site assessment to ensure no significant cultural or archaeological sites have been identified onsite, and the SHPO response is included below. The SHPO recommendations related to land-disturbing activities should be considered during any development planning processes.

SHPO response:  
“There are no previously recorded archaeological sites located at the property submitted. However, portions of the property do contain areas of high potential for archaeological resources. For any ground disturbing activities planned in the project area in the future, please submit a description of the project to this office for review and comment. We may recommend that an archaeological survey be conducted by an experienced archaeologist prior to construction. We have determined that the project as proposed will not have an effect on any historic structures.”



North Carolina Department of Natural and Cultural Resources  
State Historic Preservation Office

Governor Roy Cooper  
Secretary Susi H. Hamilton

Ramona M. Bartos, Administrator

Office of Archives and History  
Deputy Secretary Kevin Cherry

December 10, 2020

Emma Liles  
Park Planner  
City of Raleigh  
222 West Hargett Street  
Raleigh, NC 27601

[Emma.Liles@raleighnc.gov](mailto:Emma.Liles@raleighnc.gov)

Re: Leonard Property, Raleigh, Wake County, ER 20-2352

Dear Ms. Liles:

Thank you for your submission concerning the above-referenced project. We have reviewed the materials provided and offer the following comments.


No previously recorded archaeological sites located at the property submitted. However, portions of the property do contain areas of high potential for archaeological resources. For any ground disturbing activities are planned in the project area in the future, please submit a description of the project to this office for review and comment. We may recommend that an archaeological survey be conducted by an experienced archaeologist prior to construction.

We have determined that the project as proposed will not have an effect on any historic structures.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation’s Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-814-6579 or [environmental.review@ncdcr.gov](mailto:environmental.review@ncdcr.gov). In all future communication concerning this project, please cite the above referenced tracking number.





Sincerely,

  
for Ramona Bartos, Deputy  
State Historic Preservation Officer

# Park Access, Social Equity, & Demographic Analysis

## Park Access Analysis

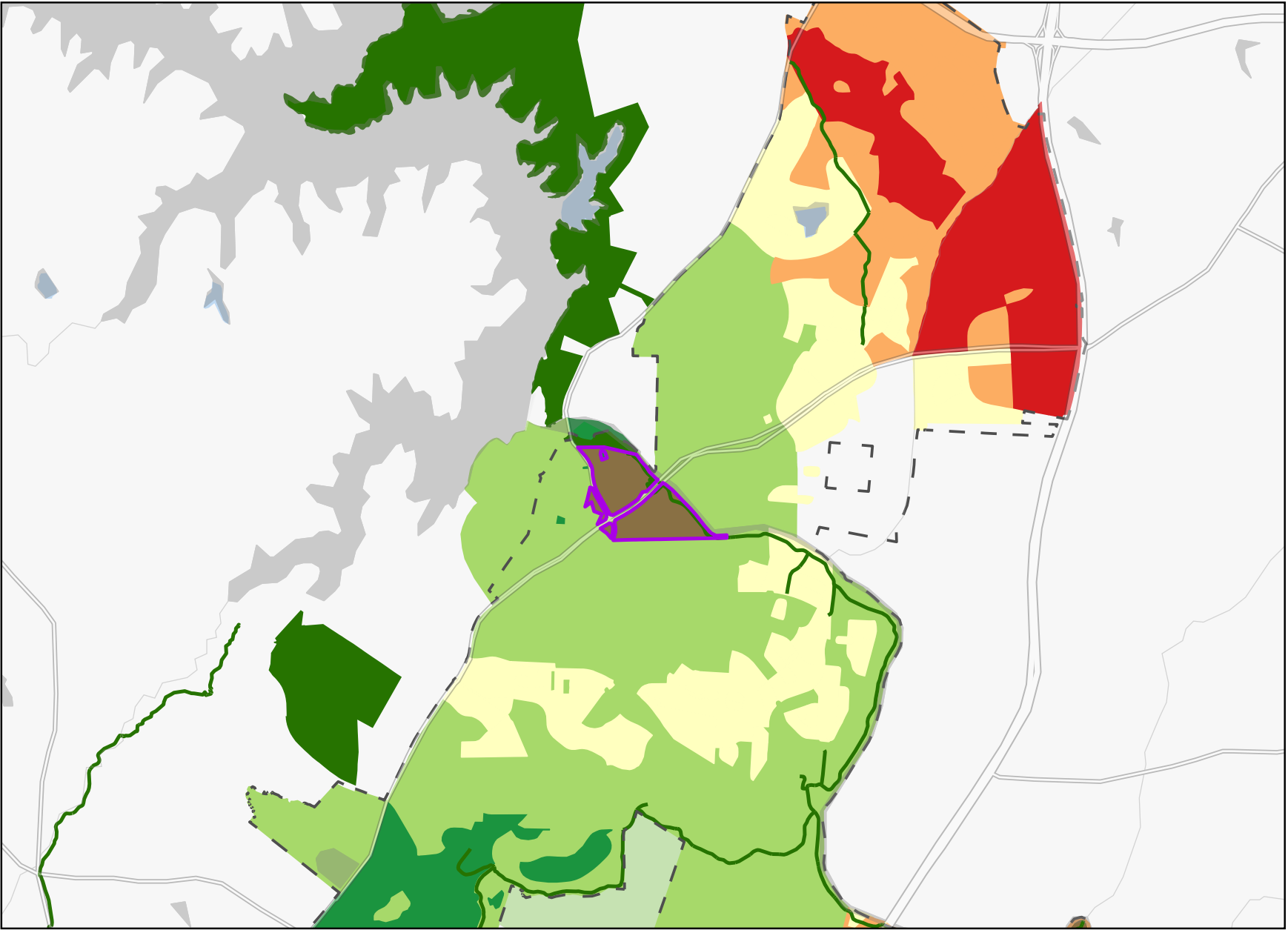
**Park Access** is a measure of how well different areas of the city are currently served by Raleigh’s system of parks and greenway trails. Each census block in the city is assigned a Park Access grade based on four factors:

-  **1. Distance to Nearest Park:** How far residents need to travel to reach the nearest public park;
-  **2. Distance to Nearest Greenway Trail:** How far residents need to travel to reach the nearest greenway trail;
-  **3. Acres of Open Space:** How many acres of park land are accessible nearby;
-  **4. Park Experiences:** The number and variety of park experiences available nearby;












Communities with an “A” letter grade have very good park access relative to other areas of the city. These neighborhoods are likely located within a 10-minute walk of a park, have access to many acres of open space, and can enjoy a wide variety of park experiences within a short distance of home.

Communities with a “D” or “F” letter grade have poor access to parks relative to other areas of the city. Residents in these areas may have to travel several miles to reach the nearest public park, and may only have access to a limited variety of park experiences.

Prioritizing investments in communities with low Park Access scores helps to promote Raleigh’s goal of providing every citizen with safe, convenient access to a park or greenway trail.








**LEGEND**

-  Leonard Tract Property
-  Raleigh Extraterritorial Jurisdiction
- Raleigh Parks**
  -  Developed Parks
  -  Undeveloped Parks
- Raleigh Greenways**
  -  Greenway Trails
  -  Other Trails
- Level of Service**
  -  A
  -  B
  -  C
  -  D
  -  F



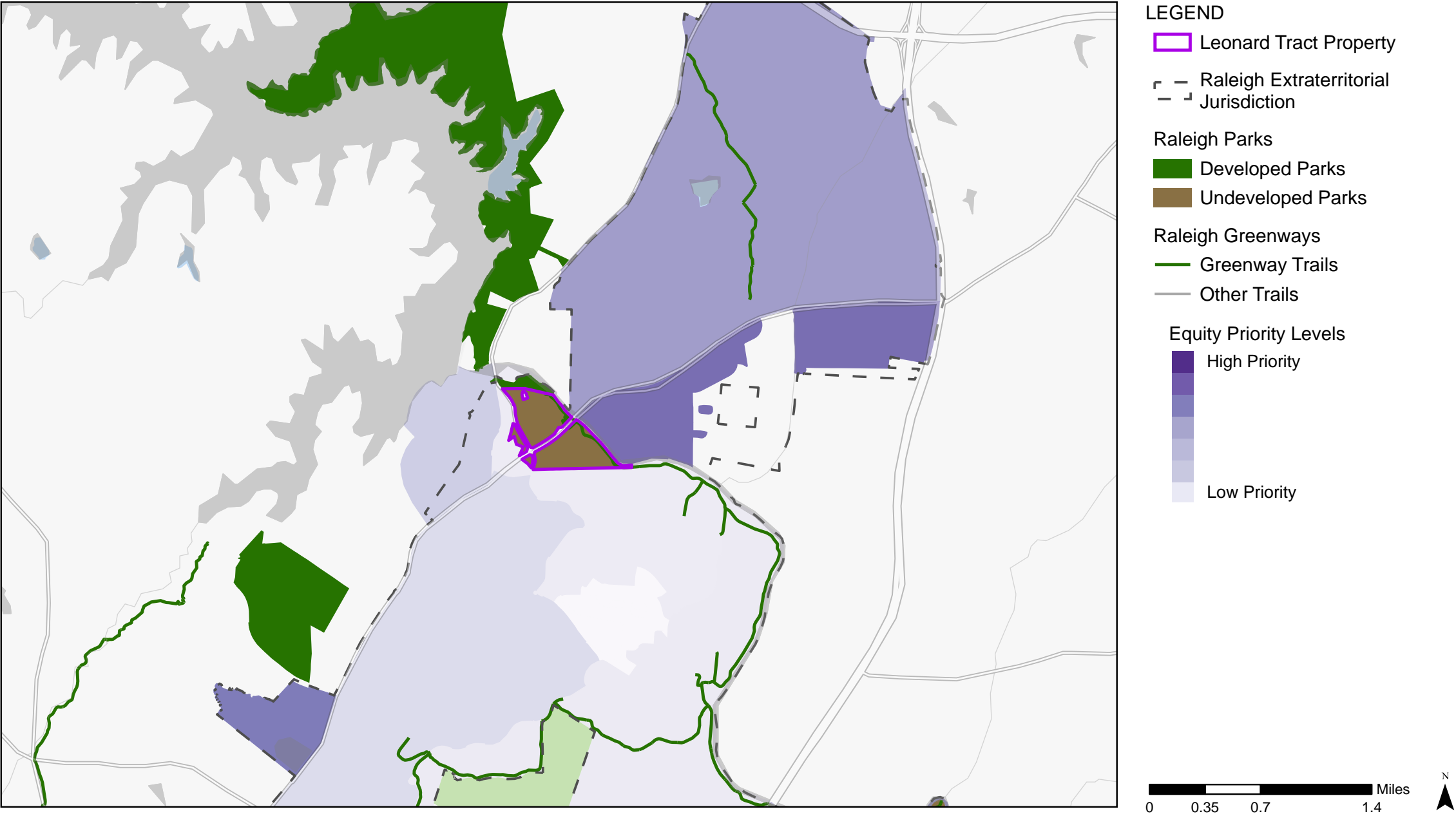
Equity Priority Analysis

**Equity Priority** can be determined by analyzing five key indicators of community health and well-being, as defined by Wake County Human Services’ *Community Vulnerability Index*:

-  **1. Unemployment:** Population age 16 and over who are unemployed in the civilian labor force;
-  **2. Low Educational Attainment:** Population over age 25 who have less than a high school diploma;
-  **3. Age Dependency:** Population under the age of 18 and over the age of 64 combined;
-  **4. Housing Vacancy:** The total number of vacant or unoccupied housing units in a block group;
-  **5. Poverty Rate:** The population living below the federal poverty threshold in Wake County;

Communities exhibiting a high concentration of these five demographic and socioeconomic indicators are more likely to experience negative health outcomes such as heart disease, obesity, chronic stress, and depression—outcomes which can be mitigated with better access to high-quality open spaces, outdoor recreation, and safe places to play and exercise.

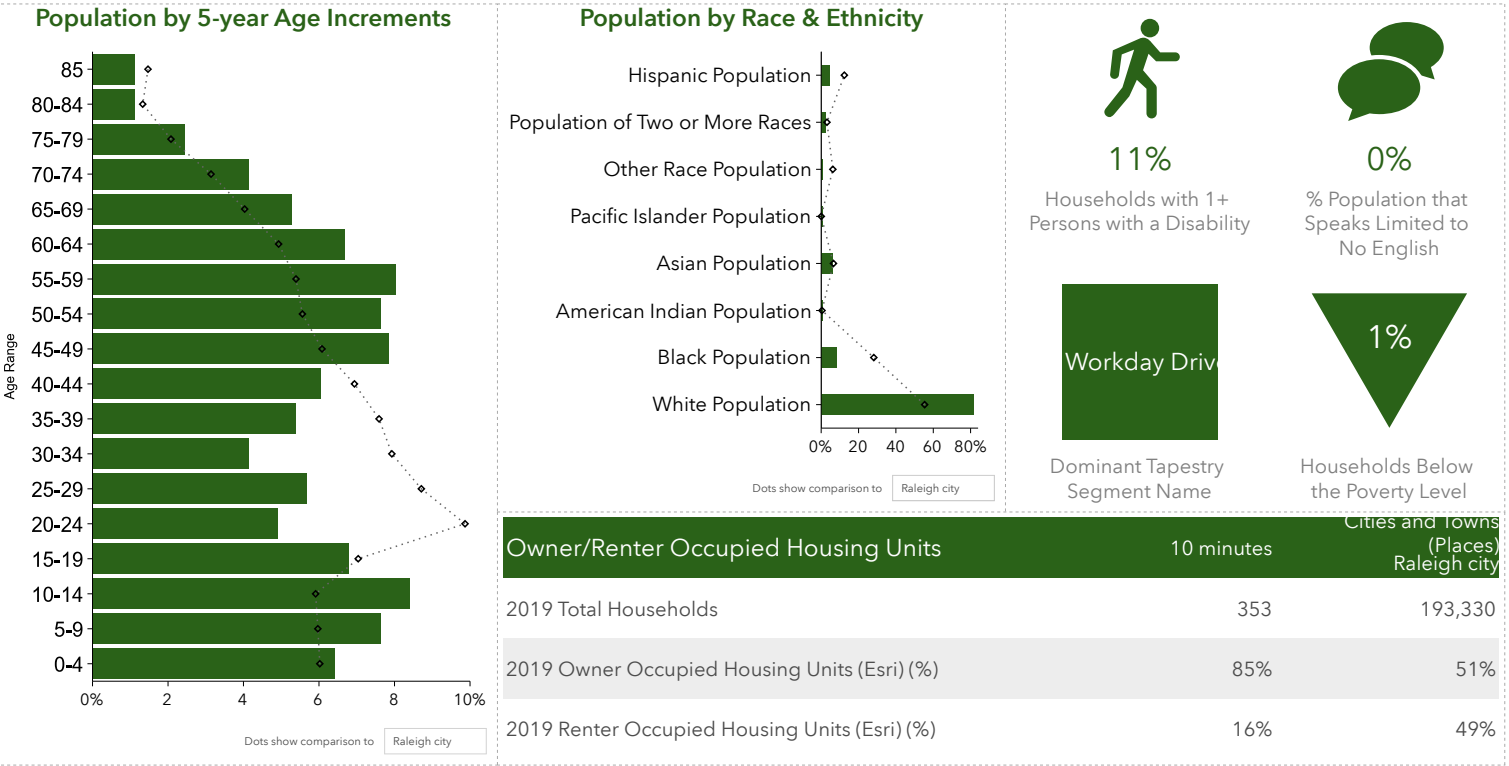
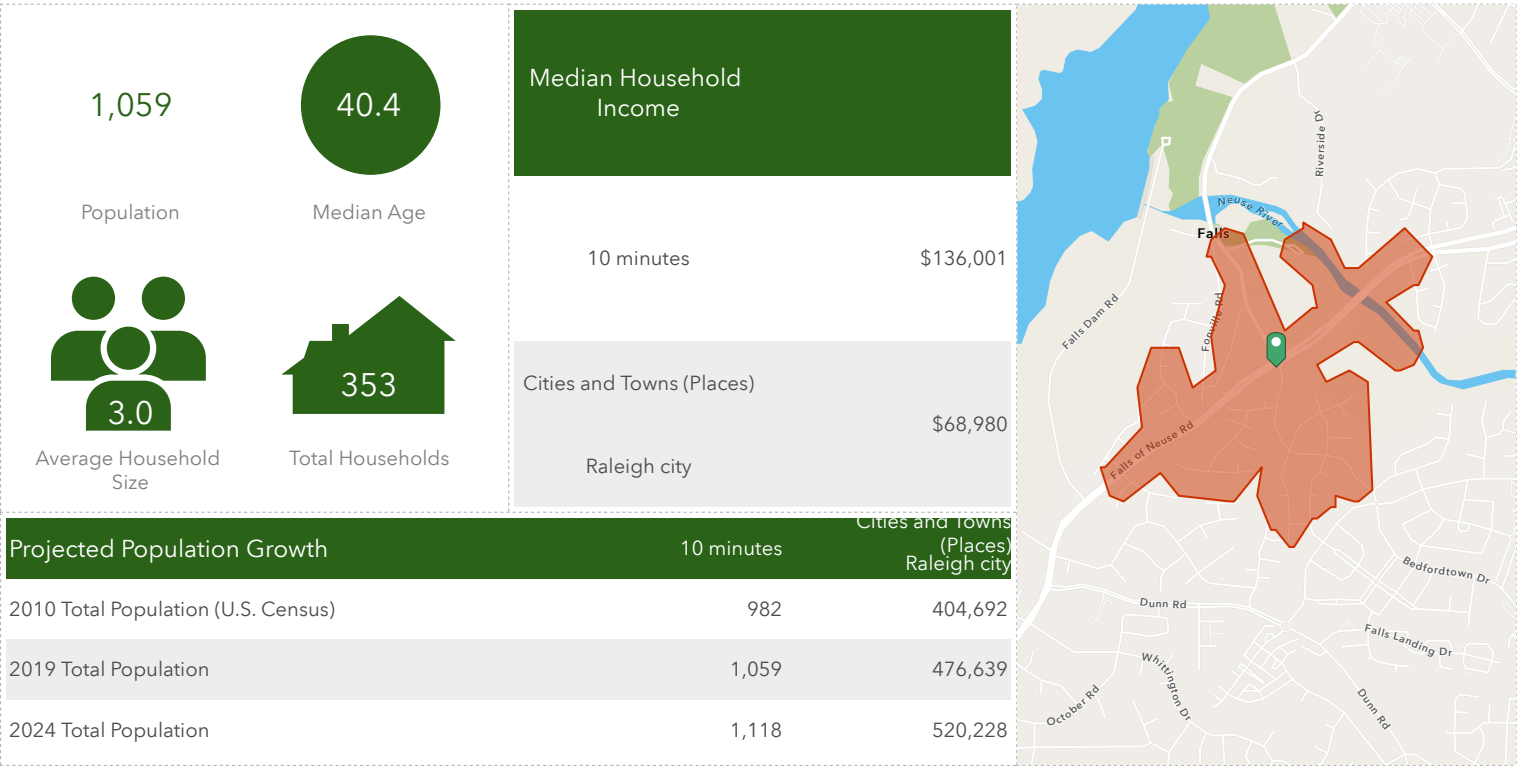
Prioritizing investments in these communities helps ensure that PRCR sites, facilities, and programs are more accessible to the communities that will benefit most from these public resources.





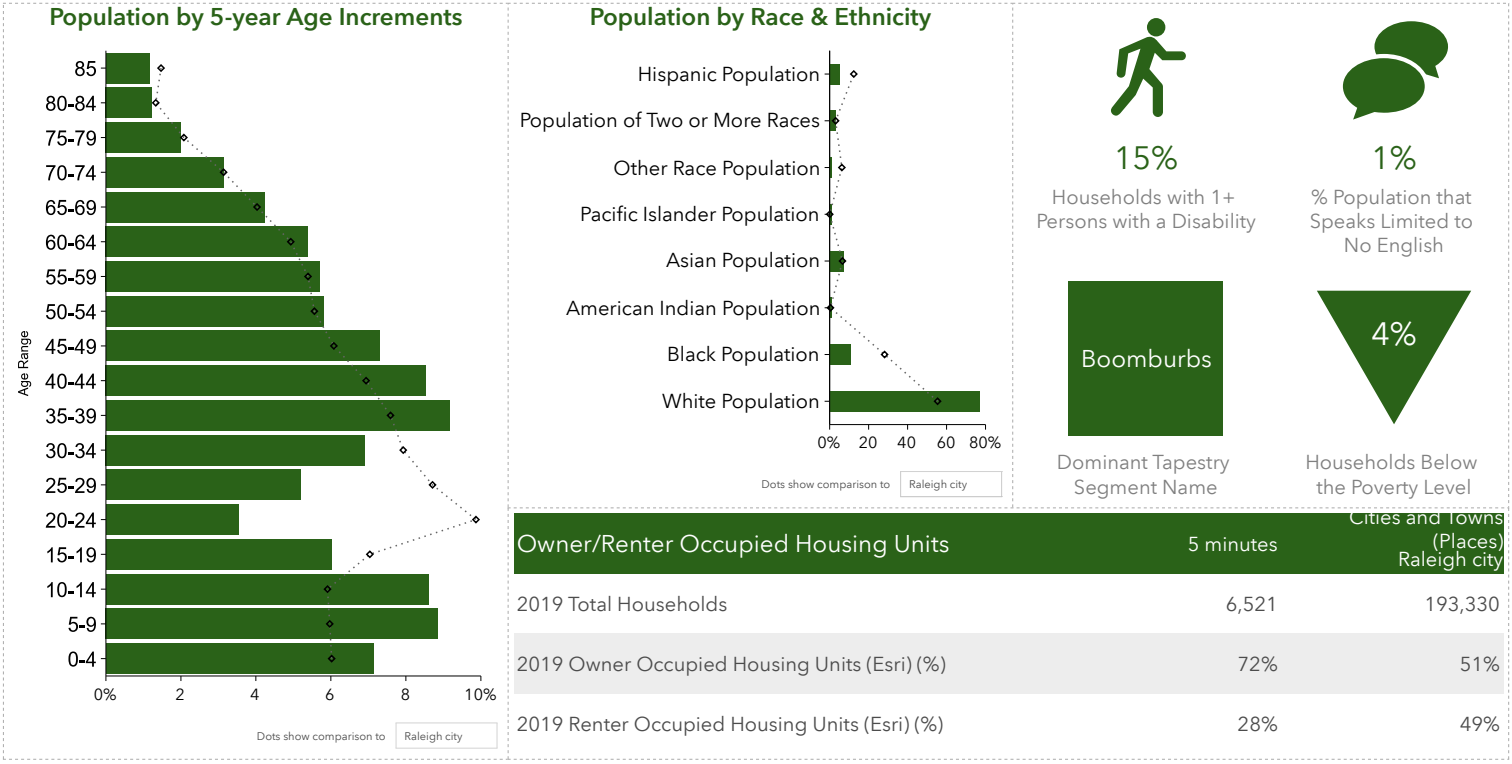
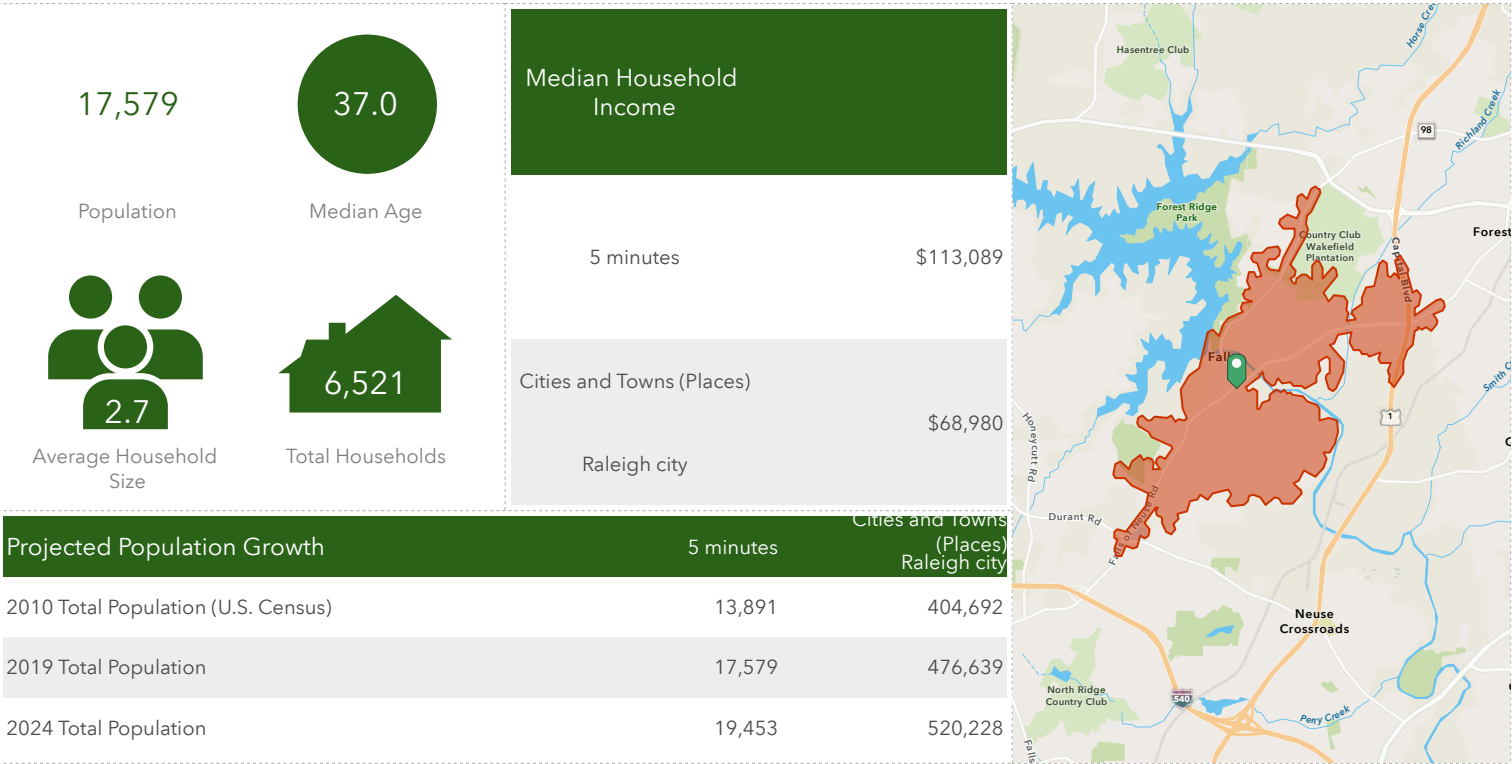
10-Minute Walk Demographics

There are only 1,059 people within a ten-minute walk from the Leonard Tract property. This population has a much higher median household income, has more 45-75 year-olds & less 20-45 year olds, and has a larger white population than the average in the City of Raleigh. Within this population 85% of people own their home as opposed to renting, 11% of households have at least one person with a disability, 1% of households are below the poverty level, and 0% speak limited to no English.



5-Minute Drive Demographics

There are 17,579 people within a five-minute drive from the Leonard Tract property. This population is similar to the ten-minute walk population in terms of median household income, age, and race. This population also has a high percentage of home owners, 15% of households have at least one person with a disability, 4% of households are below the poverty level, and 1% speak limited to no English.



# SUITABILITY ANALYSIS

Site & Context Analysis of the Thornton Rd. Property yielded many results that should be considered when deciding where on the site it is appropriate for development. The findings of from this analysis are summarized below:

**Existing Conditions**

- The existing greenway trails are suitable uses as low-impact development in the very limited disturbance areas.

**Slope & Topography**

- The steep slopes should have very limited disturbance so as not to cause erosion issues

**Soils & Geology**

- Development in areas of the site with poorly drained & partially- hydric soils should be limited because of the frequency of inundation

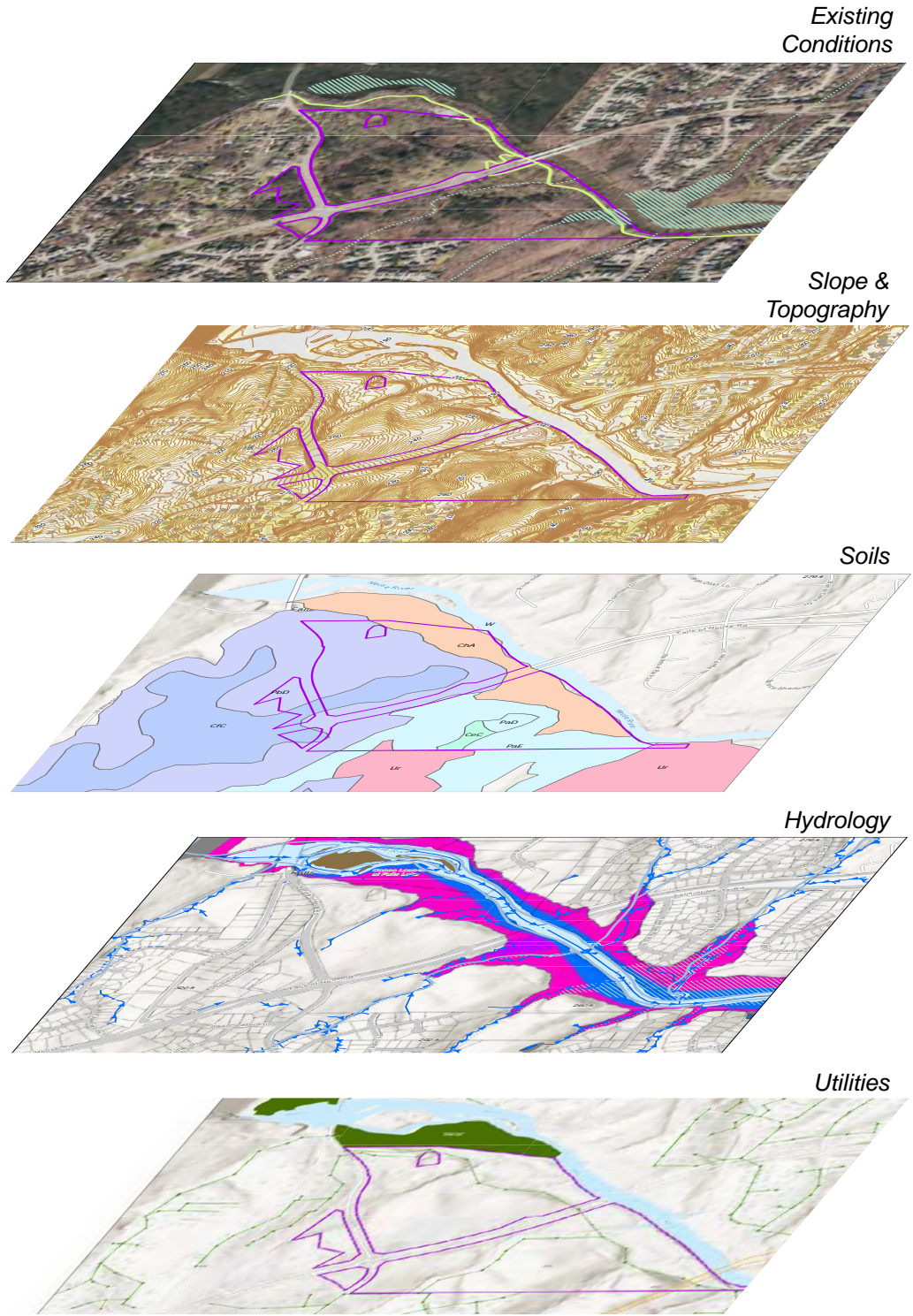
**Hydrology**

- Development within the 100-year floodplain and wetlands should be very limited because of the frequency of inundation

**Utilities**

- Areas that overlap with the sewer should have limited development so regular maintenance can be conducted.

**Suitability Overlay Diagram**



There are other results from the PDAP beyond just what affects site suitability. When public engagement begins with the start of the site development process, the project manager should keep the following in mind:

**Site Vicinity**

- The Leonard Tract Property has several Community & Homeowner Associations nearby as well as a few elementary schools. Efforts should be made to include these communities in the park planning process.

**Park & Greenway System Context**

- The Leonard Tract Property should be planned within the larger context of the surrounding parks and greenways. When the site is developed, the experiences it provides should complement the park & greenway system in the area to help provide a broad range of activities for the community.

**Zoning & Future Land Use**

- Any development of the Leonard Tract Property should work in conjunction with the City of Raleigh Planning Dept. to incorporate any plans from the nearby special study area.

**Park Access, Equity, & Demographics**

- The area surrounding the property has B & C grades for park access. The development of this site should help improve these grades.
- There is an area near the property with a lower equity score than the surrounding census blocks. Public engagement should target outreach in this area.
- Public engagement should focus on outreach that recognizes the populations who speak limited English and the populations with disabilities.



Based on the analysis of the site suitability overlay, the following map delineates approximate areas of the site that are recommended to have very limited, limited, or regular development.

**Very Limited Development**

- These areas are suitable for low impact uses such as natural surface trails, canoe/kayak launches, invasive removal, and river bank stabilization

**Limited Development**

- Development in these areas may be restricted by the presence of steep slopes or frequent inundation within poorly drained & partially- hydric soils.

**Regular Development**

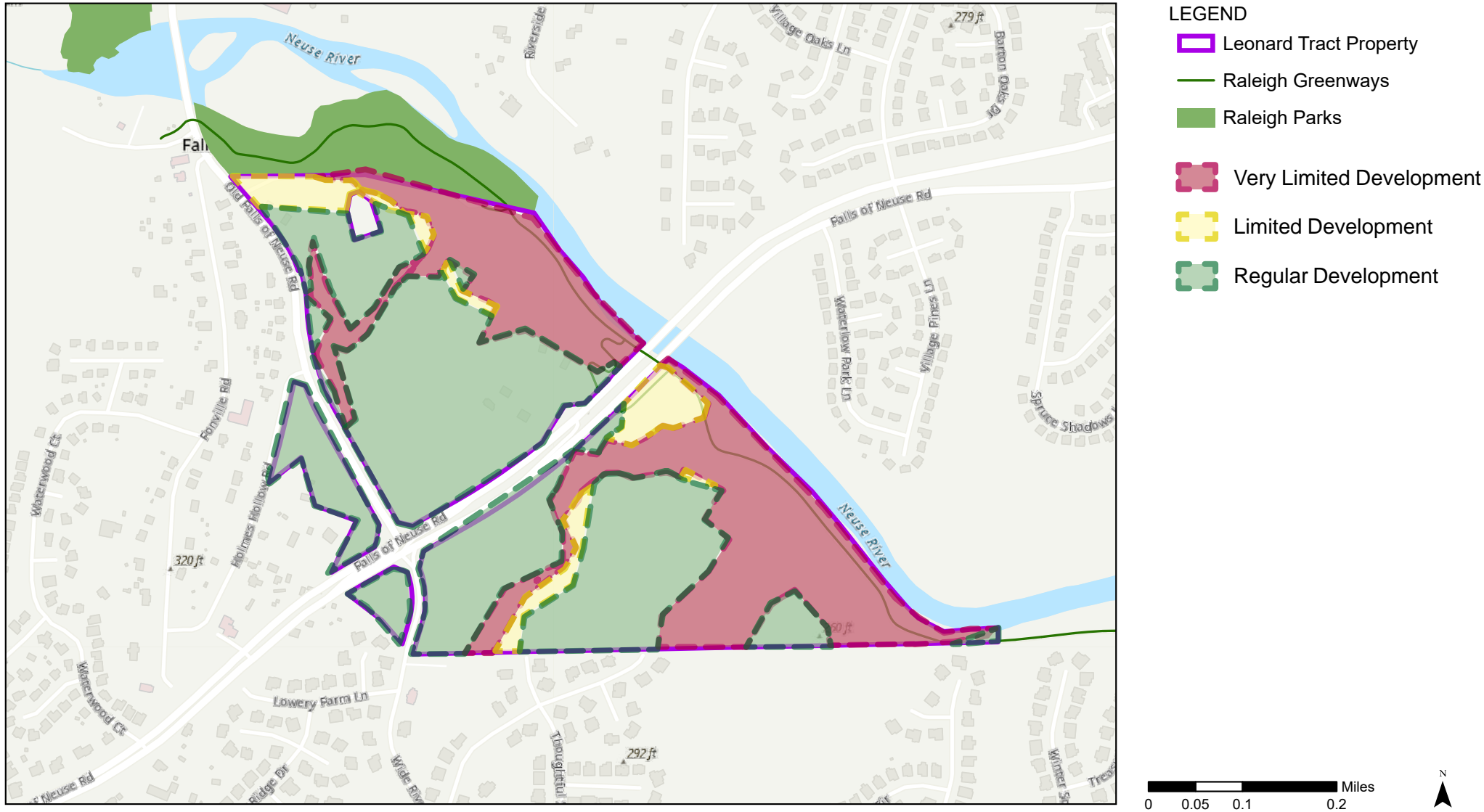
- These areas have no significant or special limitations on development and are open to most design choices that will facilitate a versatile park property.

Special consideration should be given to the relationship between disconnected parcels at this site. Falls of Neuse Rd bisects the two main portions of the park property, and currently the only safe pedestrian crossing between these two areas is via the Neuse River Greenway Trail underneath the Falls of Neuse Rd bridge.

Future planning of this park site may consider disposition of the remnant parcels west of Old Falls of Neuse Rd, if a suitable use that complements the park cannot be found for these parcels.

Site Suitability Analysis - Development Capacity	
Area Suitable for Very Limited Development	28 Acres
Area Suitable for Limited Development	5 Acres
Area Suitable for Regular Development	51 Acres
Total Park Area	84 Acres

Site Suitability Map



# INTERIM MANAGEMENT RECOMMENDATIONS

### Primary Short-term Goals And Objectives

1. Implementation of coordinated monitoring and mapping efforts aiding in the development of biological inventories, identifying unauthorized uses, and potentially negative impacts to natural resources
2. Evaluation and control of invasive plant species
3. Evaluation of site characteristics and ecological features using Raleigh PRCR Nature Preserves/ Protected Natural Areas criteria
4. Reduction of unauthorized vehicular and foot traffic to prevent illegal hunting and the degradation of sensitive ecological resources

### Long-term Goals

1. Implementation of additional ecological monitoring and mapping efforts
2. Retention and protection of documented significant plant and animal species
3. Improvement of wildlife habitat and natural plant communities through ecological restoration practices

### Site Monitoring and Mapping

Coordinated monitoring, sampling, and mapping techniques should be employed by PRCR to document the significant ecological features located on the Leonard Tract. Structured monitoring strategies can be used to address a variety of natural resource and land use concerns. For example, monitoring efforts will be needed to document the presence and distribution of rare plants and animals in order to ensure their protection, to identify and map the locations of invasive plant species targeted for control, and to help gauge the extent of unauthorized access and use that may be occurring onsite.

#### Current Management

To date, there have been no formal biological surveys conducted at the Leonard Tract, nor have any regular ecological monitoring protocols been established.

#### Recommended Management

##### Expansion of monitoring efforts and capabilities

- PRCR staff will monitor for the presence of any significant/rare/protected plant and wildlife species, ensuring at least four site visits per year to align with seasonal windows.
- PRCR staff should document the occurrence of invasive plant species found onsite, along with the approximate locations and levels of infestation whenever possible. Maintaining invasive plant species records will help simplify information sharing and future planning efforts.
- PRCR staff should engage with state and local government agencies for monitoring assistance. Agencies such as the NC Forest Service, NC Wildlife Resources Commission, NC Natural Heritage Program, NC Dept. of Agriculture and Consumer Services, NC Dept. of Environmental Quality, and others may be able to provide input and expertise that could help bolster monitoring efforts.
- PRCR staff should engage with local volunteers through community outreach and education in order to encourage Citizen Science monitoring efforts. The organization of single-day or multi-day group monitoring events designed to address specific concerns may prove helpful. Some observations gained through volunteer efforts may need to be verified by qualified PRCR staff, depending on the level of expertise demonstrated by the participants.



Current ArcGIS Online Database with Site Visit Data



## Evaluation and Control of Invasive Plant Species

Several varieties of non-native invasive plant species have been observed onsite at the Leonard Tract, many of which are listed in the tables above. This list of invasive plant species is not comprehensive and was compiled only after limited field observations. There are undoubtedly additional invasive plants species currently occurring onsite. As previously mentioned, monitoring efforts focused on the documentation of invasive plant species will be needed to inform the most effective and appropriate management strategies. PRCR should prioritize invasive species control efforts to address those species that pose the greatest ecological threats.

### Current Management

No invasive plant species control efforts are currently being conducted on the Leonard Tract.



*Invasive Species on Site*



### Recommended Management

#### *Identification and prioritization of invasive species control*

- PRCR staff should identify and prioritize invasive species control efforts based on the level of ecological threat posed by those species found on site. Resource allocation and the feasibility of control will need to be considered when developing plans for invasive species management.
- There is a concentrated area of non-native invasive plants in the western/southwestern section of the property that was formerly a home site. These concentrated populations can serve as a seed source for the establishment of additional invasive plants elsewhere in the Tract. This area should be prioritized for invasive species control efforts.
- Additional invasive plant species are concentrated along the southern boundary line (Old Falls of Neuse Rd.), as well as centrally located in the Tract where past land use and human habitation has resulted in the establishment of problematic non-native plant species.
- PRCR staff will use herbicides to control invasive plant species when necessary. All herbicide applications on PRCR properties should follow the City of Raleigh Pesticide Policy and be approved by appropriate PRCR staff.
- PRCR staff from the Natural Resources Section and from the Parks Division will work together closely to coordinate resources needed for invasive plant control.
- Impacts from the emerald ash borer (*Agrilus planipennis*) have also been observed on the Leonard Tract. The emerald ash borer is an invasive forest pest that has become pervasive throughout the region, and control efforts may not be feasible given the overwhelming prevalence of this non-native buprestid species. Green ash trees located along the headwater streams and the riparian areas along the Neuse River have been highly impacted. Pesticide injection treatments can be used to preserve specimen ash trees, heritage ash trees, or ash trees that provide unique aesthetic value.

Evaluate Site for Nature Preserve Criteria

Once more information is gathered through further site-assessment and ecological monitoring, the Leonard Tract can be better evaluated using criteria to help gauge options for future use.

The PRCR Nature Preserves/Protected Natural Areas criteria was defined in 2011 by the Nature Preserves Task Force. The Task Force was created to develop criteria that the City could use to determine which properties should be designated as Nature Parks, Nature Preserves, and Protected Natural Areas. A variety of biotic and abiotic elements were considered when developing these criteria with the goal of selecting the parks that possess high-quality habitat and natural communities, significant plant and animal species, and other natural resources that would merit a special designation. Once the Leonard Tract has been adequately evaluated using these criteria, a formal recommendation for a special designation can be issued.

Reduction of unauthorized access and use to prevent the degradation of sensitive ecological resources

Several examples of unauthorized access to the Leonard Tract have been observed, mostly concentrated near the western portion of the Tract closest to the Neuse River Canoe Launch parking area and a small privately-owned in-holding contained within the Tract. Social trails can be found originating from the Canoe Launch parking lot, as well as from the neighboring Greenway. However, these social trails seem to primarily be short segments that do not appear to be jeopardizing any natural resources at this time. Evidence of unauthorized vehicular traffic was observed leading to/from the privately-owned parcel within the Leonard Tract. A small pile of corn was located near this parcel which could indicate that illegal hunting is occurring on the Tract as well. The level of unauthorized access and use needs to be further evaluated and deterrents should be put in place to prevent the most egregious examples.

Current Management

No efforts are currently being made to restrict or control unauthorized access and use on the Leonard Tract.

Recommended Management

Evaluation of unauthorized access level, access points, and potential damage

- PRCR staff should take steps to gauge the level of unauthorized access to the property and to identify the illegal points of entry. The impacts created by unauthorized vehicular and foot traffic should be evaluated, with a focus on the most environmentally sensitive areas or locations where significant plants or animals have been documented. Trail cameras may prove useful for monitoring unauthorized use. Once the prevalence and impacts from unauthorized access are better understood, PRCR can develop management strategies to address these issues.
- PRCR staff should address the most problematic access points first, with the addition of signage and physical barriers to discourage illegal access. The property boundaries should be marked with appropriate signage or purple paint that clearly indicates PRCR property lines, and explicitly prohibits trespassing and hunting. While signage and other indicators may prove to be minimally effective, the establishment of cable gates, iron gates, and even felled trees or debris piles may act as physical barriers to access.



APPENDIX A: CIVIL ACTION MEMORANDUM (2007)

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WAKE COUNTY, C.S.C.  
BY ...  
WAKE COUNTY, NC 96  
LAURA M RIDDICK  
REGISTER OF DEEDS  
PRESENTED & RECORDED ON  
03/26/2010 AT 10:13:48  
BOOK:013888 PAGE:00452 - 00456

City Attorney's Office  
PO, Box 590  
Raleigh, NC 27602  
Mail to:  
NORTH CAROLINA  
COUNTY OF WAKE  
CITY OF RALEIGH, a municipal corporation,  
Plaintiff,  
vs.  
R. NELSON LEONARD; W. GERALD THORNTON, TRUSTEE of the LEONARD FAMILY CHARITABLE REMAINDER TRUST w/a dated August 1, 2007; W. GERALD THORNTON, TRUSTEE of the R. NELSON LEONARD CHARITABLE REMAINDER TRUST w/a dated August 1, 2007; THE COUNTY OF WAKE  
Defendant(s),

CIVIL ACTION  
IN THE GENERAL COURT OF JUSTICE  
SUPERIOR COURT DIVISION  
Case No 07 CVS 50  
CONSENT JUDGMENT

THIS CAUSE, coming on to be heard before the undersigned Superior Court Judge Presiding, it having been stipulated by the parties and the Court finding as a fact the following:

1. This action was duly instituted on August 7, 2007, by the issuance of Summons and the filing of a Complaint, Declaration of Taking, and Notice of Deposit, along with the deposit of nine million dollars (\$9,000,000.00), the sum estimated by the Plaintiff to be just compensation for the taking of the property of the defendants, and which sum has been previously disbursed to the defendants by Order of the Court.
2. Summons, together with a copy of the Complaint, Declaration of Taking, and Notice of Deposit were duly served upon each of the Defendants, or service has otherwise been secured against each of the defendants, as they appear of record.
3. All persons having or claiming to have an interest in the condemned land are parties hereto and are duly before the Court.
4. The parties have now settled all matters in controversy between them, and, as agreed by the parties, the sum of ten million three hundred fifty thousand dollars (\$10,350,000.00), which sum includes any claim by the defendants to interest payable by the plaintiff, is the full and adequate value of, and represents just compensation for, the taking of the defendants' property.

BK013888PG00453

5. The County of Wake was joined as a party defendant to this action solely in its capacity as holder of liens for ad valorem taxes on the subject property. Subsequent to the filing of this action, all ad valorem taxes on the property have been fully paid, and defendant Wake County has accordingly filed a Stipulation with the Court that it has no further interest in the property or in these proceedings.

ON THE FOREGOING FINDINGS AND STIPULATIONS, THE COURT CONCLUDES AS A MATTER OF LAW THE FOLLOWING:

1. The plaintiff was entitled to acquire and did acquire on August 7, 2007 the property of the defendants as described herein.
2. These proceedings as appears from the Pleadings are regular in every respect and no just cause has been shown against granting the prayer contained in the Complaint, Declaration and Notice.
3. Except as expressly set forth herein, the defendants are not entitled to any further relief from the plaintiff as a result of the taking.
4. Defendants R. Nelson Leonard; W. Gerald Thornton, Trustee of the Leonard Family Charitable Remainder Trust w/a dated August 1, 2007; and W. Gerald Thornton, Trustee of the R. Nelson Leonard Charitable Remainder Trust w/a dated August 1, 2007 are entitled to be disbursed all condemnation proceeds.

NOW THEREFORE, IT IS ORDERED, ADJUDGED AND DECREED that:

1. The Plaintiff, City of Raleigh, on August 7, 2007, by the filing of a Complaint, Declaration of Taking, and Notice of Deposit, has condemned and shall be permanently vested with, the property, interest or estate, described as follows:  
  
See Exhibit A, attached and incorporated herein.
2. The City of Raleigh shall pay into the Court the additional sum of one million, three hundred fifty thousand dollars (\$1,350,000.00).
3. The total, additional sum of one million, three hundred fifty thousand dollars (\$1,350,000.00) ordered to be deposited herein by the plaintiff shall, by agreement between the parties, be disbursed by the Clerk to Manning, Fulton, P.A., on behalf of and in trust for the defendant property owners, R. Nelson Leonard; W. Gerald Thornton, Trustee of the Leonard Family Charitable Remainder Trust w/a dated August 1, 2007; and W. Gerald Thornton, Trustee of the R. Nelson Leonard Charitable Remainder Trust w/a dated August 1, 2007.



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4. A copy of this Judgment shall be certified under seal of the Court to the Register of Deeds of this County, and the Register of Deeds shall be ordered to record this Judgment among the land records of the County.

5. The Plaintiff, City of Raleigh, shall pay the costs of this action.

This 24 day of March 2010.

Donald J. Stephens  
SUPERIOR COURT JUDGE PRESIDING

Consented To:

PLAINTIFF,  
CITY OF RALEIGH

By: Francis P. Rasberry, Jr.  
Francis P. Rasberry, Jr.  
NC State Bar No. 5806  
Deputy City Attorney  
One Exchange Plaza, St. 1020  
Raleigh, NC 27602  
(919) 831-6560

Consented To:

DEFENDANTS,

R. NELSON LEONARD; W. GERALD  
THORNTON, TRUSTEE of the  
LEONARD FAMILY CHARITABLE  
REMAINDER TRUST n/a dated August  
1, 2007; W. GERALD THORNTON,  
TRUSTEE of the R. NELSON  
LEONARD CHARITABLE  
REMAINDER TRUST n/a dated August  
1, 2007

By: John B. McMillan  
John B. McMillan  
Manning, Fulton, & Skinner PA  
P.O. Box 20389  
Raleigh, NC 27612-3970  
(919) 787-8880

CERTIFIED TRUE COPY FROM ORIGINAL  
Of the Superior Court, Wake County  
FILED  
3.25.10

BK01388PG00455

Exhibit A


1. DESCRIPTION OF ENTIRE TRACT OR TRACTS AFFECTED BY TAKING:

Parcel I.D. 0091437  
Pin Number 1729238316

Being that 85.46 acre parcel located at 12028 Falls of Neuse Road, having the above noted parcel I.D. and PIN numbers, respectively, and further described in instruments as follows: Deed Book 1263, Page 551; Deed Book 1562, Page 369; Deed Book 1751, Page 400, and Deed Book 1952, Page 163, WCR, saving and excepting the property described as tract #102 of Schedule A of Book 2529 Page 611, and those parcels excepted in Book 1952, Page 163, WCR. See also Deed Book 2271, Page 240, WCR.

2. STATEMENT OF THE PROPERTY TAKEN:

FEE SIMPLE INTEREST IN THE 85.46 ACRE PARCEL



**GeoLogix**  
GEOLOGIC STRATEGIES, P.C.

5316 Deep Valley Run Raleigh, NC 27606

**Phase I Environmental Site Assessment**

for

**Nelson Leonard Tracts  
Falls of the Neuse Road  
Raleigh, North Carolina**

prepared for:  
**City of Raleigh**

**January 24, 2008**

GeoLogix, Inc.  
Environmental Consulting  
& Contracting Services

PH: 919-859-4544  
FAX 919-859-4544  
geologix2002@yahoo.com

Geologic Strategies, P.C.  
Professional Geological  
Services

GeoLogix / Geologic Strategies, P. C.

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APPENDICES

1.0 EXECUTIVE SUMMARY

A Phase I Environmental Site Assessment was conducted by *GeoLogix* personnel on three tracts totaling 85.46 acres of land located on the east side of Falls of the Neuse Road and south of the Neuse River below the Falls Lake Dam in Raleigh, North Carolina. The tracts and structures on the tracts studied in this report will be referred to as the "subject property" or "tracts". Information regarding the subject property was gathered through an on-site reconnaissance, a review of aerial photographs, interviews, and a review of environmental regulatory agency database information. A vicinity map is contained in Appendix A, and a site property map is contained in Appendix B.

A number of structures were situated on the subject property. In addition to Mr. Leonard's residence in the central region of the property, two residential structures were observed in the northwest corner of the subject property fronting onto Falls of the Neuse Road. While it appears that small portions of the subject property were used for residential purposes, the bulk of the subject property was used as grazing pastureland for livestock. In addition to the residences, structures on site included barn/shed (near Mr. Leonard's residence), a mobile home, and several other barns/sheds previously used to store hay/ feed for the livestock. Aerial photographs from 1949, 1965, 1971, 1981, 1993, and 2005 were reviewed as part of this study. In the 1949 photo, the small residences in the northwest corner of the subject property at Falls of the Neuse Road were visible, and the Leonard residence and another structure were visible in the central region of the tracts. Much of the central and southwest regions of the tract were cleared with the remainder of the subject property generally wooded. In the 1965 photo, it appeared that additional land had been cleared. It also appeared that some land disturbing activity was underway in the northwest region of the subject property. In the 1971 photo, it appeared that a small structure was situated in the area where land disturbance was visible in the earlier photo. An additional structure was visible near the Leonard residence. In the 1981 photo, it appeared that additional land-disturbing activity was underway in the northwest region of the subject property. The subject property appeared much the same as it does today in the 1993 and 2005 photos. Copies of the aerial photographs reviewed in this study are contained in Appendix C.

There was physical evidence observed during the site reconnaissance to indicate the existence of an underground fuel storage tank (UST) on the subject property. The fill and vent pipes of a UST were observed in vegetation just behind the Leonard residence (location marked on an aerial photo behind the property map in Appendix B). According to Mr. Leonard, the UST has a capacity of 1,000 gallons and is used to contain heating oil. Mr. Leonard indicated that the UST was reportedly installed about twenty years ago. While unlikely, it is unlikely that other old, unregistered UST(s) are located on the subject property. A propane gas storage tank was observed near the mobile home behind the residence, and near the residences along Falls of the Neuse Road. There was no indication of a release from the propane tanks. Above ground fuel tanks were observed behind one of the residences located in the northwest region of the subject property along Falls of the Neuse Road. One of the tanks appeared to be empty, but the other may contain product. No other above ground fuel tanks were observed on the subject property.



A radial database search was ordered from Environmental Data Resources (EDR). No NPL sites, UST/groundwater/release incidents, RCRA hazardous waste notifiers, CERCLIS facilities, Hazardous Waste Sites/Hazardous Substances Disposal Sites, or permitted solid waste facilities were identified within or close to standard ASTM search distances in the EDR radial database search. Falls Lake was identified as a Department of Defense site since it is under the jurisdiction of the U. S. Army Corps of Engineers. No adverse impact to the subject property from Falls Lake would be anticipated. No other facilities of concern were identified.

Solid waste was observed on the subject property around the residences and other structures. Solid waste was also observed buried in the north-central region of the subject property (approximate location marked on an aerial photo behind the property map in Appendix B) where construction work on a water pipeline is currently underway. A contractor on site indicated that his company discovered the solid waste buried during excavation for their project. The buried waste was discovered just before Thanksgiving. Excavated solid waste, along with soil, was stockpiled to either side of the contractor's excavation project. The waste was likely disposed/buried at that location years ago. It may be the remnants of a former structure. Otherwise, only isolated waste items were observed on the tracts. There was no other evidence of landfilling, burial, or significant dumping of solid wastes on site. The discovery of the solid waste burial site is consistent with the common practice of burying wastes on farms as observed on other similar sites. There was no conclusive evidence of hazardous or toxic substances being used or stored on site. However, it is possible that some of those wastes may be present in the storage shed/barn near the Nelson residence.

No significant potential environmental concerns were identified on adjacent properties.

In summary, this Phase I assessment revealed the potential for environmental contamination or environmental impairment at the subject property. Two Recognized Environmental Conditions (REC) were associated with the subject property for in-scope items. One REC is the area of buried solid waste at the contractor project in the north-central region of the subject property. Another potential area of concern/REC is the 1,000-gallon capacity heating oil UST located behind the Leonard residence. It is unknown if a release(s) has occurred from the UST. Accordingly, there is some potential for subsurface environmental contamination to exist on the subject property based on available information.

This Phase I Environmental Site Assessment represents a thorough attempt to identify potential sources of environmental contamination. However, there is always the possibility that sources of contamination have escaped detection due to the limitations of this study, the inaccuracy of governmental records, the presence of undetected and unreported environmental incidents, or the inaccuracy of information furnished by other parties used to arrive at the conclusions reached in this report.

There were some "data gaps" of ten to fifteen years encountered in conducting this Phase I ESA. However, the use of the property appears has been documented. Based on interview information, the property was used for residential and for livestock grazing. Accordingly, the data gaps encountered are considered inconsequential. An environmental lien search was commissioned from EDR. No environmental liens or Activity Use Limitations (AUL) were indicated. A copy of the environmental lien search is contained in Appendix F behind the gold divider page. There was nothing regarding the sale price of the subject property that would indicate that the subject property was underpriced in order to sell a parcel with suspect conditions.

The findings contained in this report are relevant to the dates of the site work and should not be relied upon to represent site conditions at other times. The Phase I study of the subject property was performed generally within the scope and limitations of ASTM Standard E-1527-05 including the new All Appropriate Inquiry Rules adopted into the ASTM standards and effective November 1, 2006. An exception to the standard was that a formal chain-of-title search was not conducted. *GeoLogix* was able to reach appropriate conclusions regarding the subject property without conducting a formal title search.



## 2.0 OBJECTIVES, PURPOSE and SCOPE

The objective of this Phase I Environmental Site Assessment was to assess the environmental status of the subject property for the purpose of identifying existing or potential environmental liabilities which could be reasonably anticipated. The work was performed under the provisions of an agreement between Mr. Jim Holden, representing the City of Raleigh Administrative Services/Real Estate office, and *GeoLogix*.

This report is presented as follows: Section 2.0 outlines the scope of the services performed in conducting this assessment and the limitations of the assessment. Section 3.0 provides a description of the site, and Section 4.0 discusses the site history. Section 5.0 summarizes the physical environmental setting of the subject property, and Section 6.0 presents information obtained during the site reconnaissance. Section 7.0 summarizes the information obtained from a review of government environmental regulatory agency databases ordered from Environmental Data Resources (EDR) and the results of environmental lien searches, Sanborn maps, and City Directory information, if available. Section 8.0 includes the summary and conclusions reached from this assessment.

Appendices at the conclusion of this report include the following: Site location map, site property map, aerial photographs, U. S. Geological Survey topographic quadrangle map, representative photographs of the subject property, environmental regulatory agency information (EDR radial search), environmental lien search, and qualifications of *GeoLogix* personnel.

The scope of this project included a visual inspection of the property to check for conditions indicative of past use or storage of hazardous or toxic substances/wastes or other environmental contaminants. During the site walkover, a search was conducted for specific items outlined in Section 6 of this report. Readily available information regarding historical site usage, surface and subsurface conditions, interviews with persons associated with the tract, and a review of governmental regulatory information was used in preparation of this report. The scope of this Phase I assessment did not include, nor was *GeoLogix* requested to conduct, a detailed groundwater review, asbestos testing, vapor intrusion assessment, mold/mildew assessment, lead-based paint assessment, wetlands study, or sampling of air, soil, surface water or groundwater for environmental contaminants.

The scope of work conducted in this assessment was agreed upon in discussions between Mr. Jim Holden of the City of Raleigh, and Mr. Rob Livermon of *GeoLogix*. Routine services performed were in general accordance with ASTM Standard E-1527-05, including the new requirements of All Appropriate Inquiry (AAI) rules effective November 1, 2006. One exception to the ASTM standard was that a formal chain-of-title search was not conducted. *GeoLogix's* tasks consisted of the following:

### Task 1 - Historic Activities Review

*GeoLogix* researched readily available historic information regarding past users, owners, or activities conducted on, or adjacent to, the subject property which may have resulted in an adverse environmental impact.

### Task 2 - Environmental Incidents and Regulatory Agency Review

This task involved identification of known or suspected environmental incidents or regulatory/compliance enforcement action on or near the subject property. Readily-available environmental incident and regulatory information databases were researched. An environmental lien search was ordered from Environmental Data Resources.

### Task 3 - Review of Area Environmental Setting

Information on site topography, surface water, anticipated groundwater information, and the surrounding area was reviewed to characterize the physical environmental setting of the site. Informational sources can include maps, topographic maps, reports, publicly accessible documentation, and interviews.

### Task 4 - Site Reconnaissance

*GeoLogix* conducted a site reconnaissance on readily-accessible areas of the subject property to observe current site conditions and evaluate potential sources of environmental contamination identified in Tasks 1 and 2. Observations were made of adjacent property during the site reconnaissance and the vehicle reconnaissance.

### Task 5 - Phase I Report Preparation

Information collected in the four tasks above was evaluated and summarized in this report. The report is based on information from the field reconnaissance and visual observations made on the site and adjacent property. Available information was interpreted and documentation reviewed.

This report is intended for the use by City of Raleigh entities and City employees. The scope of services performed in this assessment may not be appropriate to satisfy the needs of other users. Any use or re-use of this document or the findings, conclusions, or recommendations present are at the risk of the user.



This study was undertaken and completed in accordance with the professional standards and generally accepted practices of environmental consultants at the time of preparation of this study. The scope of services for this assessment was limited and should not be construed as a guarantee that no currently unrecognized environmental concerns exist at the site. The study was not intended to be a definitive investigation of potential environmental concerns at the subject property. The scope of this Phase I report did not include, nor was *GeoLogix* requested to conduct, a detailed groundwater review, asbestos testing, mold/mildew assessment, lead-based paint assessment, vapor intrusion assessment, wetlands study, or sampling of air, soil, surface water or groundwater for environmental contaminants.

The opinions and recommendations presented in this report apply to the site conditions at the time of the assessment and those reasonably foreseeable. They cannot necessarily apply to site changes of which *GeoLogix* was not aware and has not had the opportunity to evaluate.

### 3.0 SITE OVERVIEW

#### 3.1 Site Location

This report provides the results of a Phase I Environmental Site Assessment (ESA) conducted by *GeoLogix* on three tracts of land totaling 85.46 acres and the structures thereon. The property is located east of, and adjacent to, Falls of the Neuse Road, and south of the Neuse River in Raleigh, North Carolina. It is just downstream of the Falls Lake dam. Site vicinity (Appendix A) and site property (Appendix B) maps are included in this report.

#### 3.2 Adjoining and Surrounding Property Use

The subject property is surrounded by varied land uses. There are single-family residences, a church, a park along the Neuse River, and nearby commercial businesses. The western property boundary of the subject property is bounded by Falls of the Neuse Road, and across the road are residences, a church, and commercial businesses. To the north and northeast, the subject property is bounded by the Neuse River. The southern property boundary is bounded by some residential lots and undeveloped woods. To the southwest, the subject property is bounded by older residences and their associated lots.

#### 3.3 Vehicle Reconnaissance

A vehicle reconnaissance was performed to verify surrounding land usage and identify potential sources of environmental concerns in the vicinity of the subject property. The vehicle reconnaissance was performed on the following roads: Falls of the Neuse Road, Fonville Road, and Lowery Farm Lane. Land usage observed in the vicinity of the subject property included older residences, a City of Raleigh park, new residences in subdivisions, commercial businesses, a church, and undeveloped woods. No facilities were identified as significant potential off-site environmental concerns during the vehicle reconnaissance.



#### 4.0 HISTORICAL SITE USE AND PROPERTY CONDITIONS

##### 4.1 Current and Prior Ownership

The subject property is currently under the ownership of the City of Raleigh. Prior to that, the subject property was owned by Nelson R. Leonard, who, according to information he furnished in an interview, owned all three tract comprising the subject property since the 1950's. Prior to acquisition by the City of Raleigh, Mr. Leonard was the owner of the 35.16-acre tract (Deed Book 0016, Page 0-E-). The other two tracts had been in the name of W. Gerald Thornton, Trustee, in a charitable remainder trust. Additional information is contained in Section 4.4. A formal chain-of-title search was not conducted. *GeoLogix* was able reach conclusions regarding the subject property without conducting a formal chain-of-title search.

##### 4.2 Interviews

Interviews were conducted with Mr. Nelson R. Leonard, who still currently lives on one of the tracts, and with Mr. Joe Richardson, a contractor working on site at the time of the site reconnaissance. Mr. Leonard was able to provide current and historical information regarding the subject property. Mr. Richardson explained the contract work underway on site, and furnished information regarding the solid waste discovered buried in the north-central region of the subject property.

##### 4.3 Aerial Photograph Review

The study included a review of aerial photographs available at the U. S. Department of Agriculture (USDA), Natural Resources Conservation Office (formerly the Soil Conservation Service) offices in Raleigh, North Carolina. The first available aerial photograph of the subject property was taken in 1949.

Aerial photographs reviewed included:

- Photo BOP-3F-88, Grid L-4, flown March 24, 1949- USDA Natural Resources Conservation
- Photo BOP-7FF-176, Grid M-4, flown March 15, 1965- USDA Natural Resources Conservation
- Photo BOP-3MM-48, Grid M-4, flown February 23, 1971- USDA Natural Resources Conservation
- Photo 40 37183, 278-64, flown April 27, 1981 - USDA Natural Resources Conservation
- Photo NAPP-6137-230, Grid G-5, flown February 23, 1993- USDA Natural Resource Conservation
- 2005 photo courtesy of Wake County GIS web site

In the 1949 photo, two residences in the northwest corner of the subject property near Falls of the Neuse Road were visible. The Leonard residence and another structure were visible in the central region of the subject property. Central and southwest regions of the subject property appeared cleared. The remainder of the subject property was wooded.

In the 1965 photo, additional land was cleared/open, and it appeared that land disturbing activity had taken place or was underway in the northwest region of the subject property. In the 1971 photo, it appeared that a small structure was situated in the area where land disturbance was visible in the 1965 photo. Another structure was added in the central region of the subject property near the Leonard residence. In the 1981 photo, it appeared that more land-disturbing activity was again underway in the northwest region of the subject property. The subject property appeared similar to today's appearance in the 1993 and 2005 photos.

##### 4.4 Chain-of-Title Search

The subject property is now under the ownership of the City of Raleigh. Prior to that, the subject property was most recently owned by Nelson R. Leonard or his charitable remainder trust. The 35.16-acre tract was most recently in Mr. Leonard's name (Deed Book 00166, Page 0-E-) as of January 19, 2002. Prior to that, that particular tract was in the name of Nelson R. and Barbara N. Leonard (Deed Book 2271, Page 240). Mr. Leonard indicated in an interview that they owned the subject property since the 1950's. With regard to the other two tracts (14.30 and 36.00 acres), they had been in the name of W. Gerald Thornton, Trustee (charitable remainder trust) as of August 3, 2007. The 14.30-acre tract was found at Deed Book 12691, Page 1613, and the 36.00-acre tract at Deed Book 12691, Page 1618. Prior to that, those tracts were in the name of Leonard R. Nelson as of January 19, 2002 (Deed Book 00166, Page 0-E-). Again, Mr. Leonard indicated that he had been involved in ownership of the property since the 1950's. A formal title search was not conducted as part of this Phase I environmental study. *GeoLogix* was able to reach appropriate conclusions regarding the subject property without conducting a formal title search.



## 5.0 ENVIRONMENTAL SETTING/CONDITIONS

### 5.1 Surface Water Characteristics

Surface water drainage characteristics were determined from information derived during the site reconnaissance and from a review of the USGS topographic map for the Wake Forest Quadrangle. The Neuse River bounds the northeast side of the subject property. There is a large branch which flows from south to north in the central region of the tract. Other small branches/intermittent streams are located on site, but there were no other significant water bodies, creeks, branches, ponds, or impoundments observed on the subject property. Surface runoff on the site appears to be directed generally from south to north or southwest to northeast. No facilities were identified as a potential upgradient source of surface water environmental contamination which could cause environmental impact to the subject property.

### 5.2 Groundwater Characteristics

The subject property is located geologically in the Raleigh Belt (Geologic Map of North Carolina - 1985). Metamorphic rocks associated with the Raleigh Belt in this area would primarily consist of injected gneisses such as biotite gneiss and schists. The hydrogeological system in the area of the subject property includes both the surficial sediments and underlying bedrock. Groundwater in sediments is present in pores between individual sediment grains. In bedrock, groundwater is present predominantly in horizontal and subhorizontal unloading fractures, and in near, vertical stress fractures. Groundwater depths are variable and generally approach ground surface near streams and rivers. Based on the historical groundwater flow characteristics in this area, groundwater flow typically mirrors surface topography. Accordingly, groundwater flow in the vicinity of the subject property would be anticipated to be generally from south to north or southwest to northeast. No visible source of environmental contamination was identified upgradient which would significantly impact groundwater in the vicinity of the subject property.

## 6.0 SITE INSPECTION

### 6.1 Site Inspection Methodology

A site walkover on the subject property was performed by *GeoLogix* personnel on January 19, 2008. Site walkovers are performed for the purpose of observing conditions which might indicate the presence of environmental contaminants on the subject property and/or on adjacent properties. The limits of the property included in this study are depicted in the Site Property Map included with this report (Appendix B). The following site descriptions are based on field observations and supplemented by information from other sources.

### 6.2 Site Inspection Observations

#### 6.2.1 Roadway Access to Site

The subject property is accessible via Falls of the Neuse Road.

#### 6.2.2 Wooded Areas and Variations of Vegetation

Generally, the southeastern, south-central, and northeast regions of the subject property are at least somewhat wooded. There are trees at many other locations on site, but much of the remainder of the subject property is open pastureland.

#### 6.2.3 Water Bodies, Swamps, Rivers, Lakes, Pits, Ponds, Lagoons, Surface Impoundments or Holding Ponds

The Neuse River forms the northeast boundary of the subject property. A large branch flows from south to north in the central region of the subject property. There were other small draws and intermittent streams, but no other significant water bodies observed on the subject property.

#### 6.2.4 Solid Waste, Landfill, Dumping, Disturbed Soils, Direct Burial Activity

During excavation for a City of Raleigh water line project dissecting the central region of the subject property from south to north, a contractor discovered solid waste buried during soil excavation. The waste burial site is located in the north-central region of the subject property in the upland area outside of the floodplain. The solid waste/soil was placed to the side of the excavation (see picture in Appendix E). Waste items were observed in proximity to a number of the structures on site, but there was no other evidence of landfilling, burial, or dumping of wastes on the subject property. Otherwise, only scattered isolated solid waste was observed disposed on site.



#### **6.2.5 Underground/Aboveground Storage Tanks**

Evidence (fill and vent pipes) of an underground fuel storage tank, reportedly with a capacity of 1,000 gallons, was observed behind the Leonard residence in the central region of the site. The UST is not registered - it was a heating oil tank. No other fill pipes, vent pipes, mounds, or depressions suggesting other USTs were observed on the subject property during the site reconnaissance. Several above ground propane fuel tanks were observed near residential structures on site. No release was indicated from any of the propane tanks. Two above ground fuel tanks were observed at one of the residences along Falls of the Neuse Road in the northwest region of the subject property. No other above ground tanks were observed on site.

#### **6.2.6 Potable Water and Sewage Disposal**

Water and sewer services are available on the subject property via the City of Raleigh water and sewer systems along Falls of the Neuse Road.

#### **6.2.7 Drains, Floor Drains and Sumps**

No drains, floor drains, or sumps were observed during the on-site reconnaissance. However, there may be drains in bathrooms in the residential structures.

#### **6.2.8 Wells, Piezometers and Other Subsurface Monitoring Devices**

A well was previously used at the Leonard residence. Wells may also be present at the two residences along Falls of the Neuse Road in the northwest region of the subject property. No other water wells, piezometers, or other subsurface monitoring devices were observed on the subject property.

#### **6.2.9 Wastewater Discharges**

Other than sanitary wastes, there were no other processes on the subject property which would generate a wastewater discharge.

#### **6.2.10 Groundwater or Surface Water Contamination**

No evidence of groundwater or surface water contamination was observed on the subject property during the site reconnaissance. However, without installation of monitoring wells and collection of surface water and groundwater samples, GeoLogix is unable to determine the actual quality of surface water or groundwater located in the vicinity of the subject property.

#### **6.2.11 Stained or Discolored Soils or Pavement**

No stained or discolored soils or pavement were observed on site.

#### **6.2.12 Distressed, Discolored, or Stained Vegetation**

No evidence of chemically distressed, discolored, or stained vegetation was observed on the subject property during the site reconnaissance.

#### **6.2.13 Buildings, Structures, Foundations, and Old Ruins**

The Leonard residence, a mobile home, two other residences along Falls of the Neuse Road, and a number of farm-related structures are situated on the subject property (see pictures in Appendix E). No other structures/buildings, structural ruins, or foundational remnants were observed on site.

#### **6.2.14 Electrical Equipment/Suspected PCB-Filled Equipment**

Electrical transformers were observed on the subject property during the site reconnaissance. The transformers did not have any visible markings. Accordingly, it is not known if the transformers contain PCBs, or in the past contained PCBs. However, there was no indication of a release from any of the transformers.

#### **6.2.15 Utilities**

Phone, electrical, sewer, and water utilities were present on the subject property. An electrical transmission line crosses the extreme eastern region of the tract. No other active utilities were observed on site.

#### **6.2.16 Foul/Suspicious Odors**

There was no evidence of foul/suspicious odors noted during the site reconnaissance.

#### **6.2.17 Hazardous Substances/Hazardous Wastes**

No specific hazardous substances or hazardous wastes were specifically observed on the subject property.



#### **6.2.18 Chemicals, Chemical Spills or Releases**

There was no evidence of chemical spills or releases observed on the subject property during the site reconnaissance.

#### **6.2.19 Storage Containers and Drums**

A generally empty fifty-five gallon drum was observed between the Leonard residence and two hay storage barns to the northeast. No other drums or significant-sized containers were observed on site during the site reconnaissance. No release was observed from the drums or other containers.

#### **6.2.20 Petroleum Products**

Heating oil is stored in a 1,000-gallon capacity UST at the Leonard residence. Two above ground fuel storage tanks were observed at one of the residences along Falls of the Neuse Road. One appeared to be empty, while the other may contain product. Propane gas tanks were also observed on site.

#### **6.2.21 Pesticides, Herbicides, Soil Conditioners, Fertilizers and Farm Wastes**

There was no evidence of any of the above products or evidence of over-application of products, etc., observed on the subject property during the site reconnaissance.

#### **6.2.22 Air Emissions**

There are no activities on the subject property which would generate air emissions.

#### **6.2.23 Other Known or Observed Environmentally Sensitive or Suspected Conditions**

There were no other known or observed environmentally sensitive or suspected conditions observed during the site reconnaissance.

### **7.0 ENVIRONMENTAL/REGULATORY AGENCY REVIEW**

#### **7.1 Federal and State Regulatory Agencies**

A radial search for facilities located within standard ASTM search distances of the subject property was ordered from Environmental Data Resources (EDR). The radial search databases/results are contained in Appendix F. EDR compiles the radial search information from state and federal environmental regulatory agency databases. As evidenced in the EDR report, many regulatory databases were reviewed. The following is a sampling of some of the major databases reviewed including:

- Federal National Priorities List (NPL). The NPL is the U. S. Environmental Protection Agency's (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program.
- Resource Conservation and Recovery Act (RCRA) notifiers. This database is a compilation of facilities which have notified appropriate regulatory agencies that they generate, store, transport, treat and/or dispose of hazardous wastes.
- UST/groundwater/release incidents. This is a database of sites where release incidents involving Underground Storage Tanks (USTs) and certain other spills which may affect groundwater are reported.
- CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) sites. This is a compilation of facilities which EPA has investigated or is currently investigating for a release or threatened release of hazardous substances as defined by CERCLA.
- Solid waste facilities. This is a database of permitted solid waste facilities.
- Hazardous Substances/Hazardous Waste Disposal Sites. This is a database of hazardous substance disposal sites and hazardous waste sites.

The following was indicated during the review of environmental regulatory agency listings:

- No NPL sites were positively identified within the standard ASTM search distance of one mile.



- No facilities were identified as RCRA hazardous waste notifiers within or close to the standard ASTM search distance of one mile.
- No facilities were identified as having a UST/groundwater/release incident within or close to the standard ASTM search distance of ½ mile.
- No CERCLIS facilities were identified within or close to the standard ASTM search distance of ½ mile.
- No permitted solid waste management facilities were identified within ½ mile of the subject property.
- No Hazardous Waste Sites or Hazardous Substances Disposal Sites were identified within one mile of the subject property.

The Falls Lake project, under the jurisdiction of the U. S. Army Corps of Engineers, was identified as a Department of Defense facility. No adverse environmental impact to the subject property from Falls Lake would be anticipated. No other facilities of any kind were identified on the EDR in the radial database search.

The subject property was not identified in any of the databases.

#### 7.2 Environmental Lien Search

Environmental lien searches for the three tracts were ordered from EDR. The EDR contractor did not find an environmental lien or Activity Use Limitation (AUL) associated with the subject property tracts.

Environmental lien search information from EDR is contained behind the gold divider page at the end of Appendix F.

#### 7.3 Sanborn Maps

Sanborn Map coverage for the subject property was not available. A document from EDR indicating that Sanborn coverage was not available is contained after the EDR radial search report in Appendix F.

#### 8.0 CONCLUSIONS AND RECOMMENDATIONS

On January 19, 2008, GeoLogix personnel conducted the site reconnaissance portion of a Phase I Environmental Site Assessment on three tracts totaling 85.46 acres of land located in northern Raleigh, North Carolina. The subject property is situated south of the Neuse River, and east of Falls of the Neuse Road.

The Leonard residence, a mobile home, barn/shed, and another barn are situated in the central region of the subject property. Two residential structures were located in the northwest region of the tracts near Falls of the Neuse Road. Several other barns/sheds situated on the subject property. No other significant buildings or foundational remnants were observed on the subject property during the site reconnaissance. Aerial photographs were available for certain years between 1949 and 2005. In the 1949 photo, structures visible included two small residences in the northwest corner of the subject property near Falls of the Neuse Road, and the Leonard residence and another structure in the central region of the subject property. Central and southwest regions of the subject property appeared cleared. The remainder of the subject property was wooded. In the 1965 photo, additional land had been cleared, and it appeared that land disturbing activity was underway in the northwest region of the subject property. In the 1971 photo, an additional structure was visible near the Leonard residence. In the 1981 photo, it appeared that more land-disturbing activity was taking place in the northwest region of the subject property. The subject property appeared similar to today's appearance in the 1993 and 2005 photos.

Fill and vent pipes of a reported heating oil underground storage tank (UST) were observed just behind the Leonard residence. No other evidence of an underground storage tank (UST) was observed on the subject property. Propane gas tanks were present on site at the mobile home and old residences. Two above ground tanks were located at one of the residences along Falls of the Neuse Road. No other above ground fuel tanks were observed.

A radial database search was ordered from Environmental Data Resources (EDR). No NPL sites, UST/groundwater/release incidents, permitted solid waste facilities, RCRA hazardous waste notifiers, CERCLIS facilities, hazardous substances disposal sites/hazardous waste sites were identified. Falls Lake, under the U. S. Army Corps of Engineers jurisdiction, was listed as a Department of Defense facility. No adverse environmental impact to the subject property would be anticipated from Falls Lake. No other facilities of concern were identified in the database search.

A pile of solid waste and dirt containing construction rubble was excavated by a contractor working on a City of Raleigh water line project. The buried solid waste was situated in the north-central region of the subject property at a higher elevation than the Neuse River floodplain. There was no other evidence of landfilling or burial of solid wastes on site. There were other locations on site where solid waste was observed disposed near residences or possibly dumped there by off-site parties. Otherwise, solid waste was observed on site at isolated locations. No significant adverse environmental impact to the subject property would be anticipated from the solid wastes observed.



"Data gaps" of ten to fifteen years were encountered in conducting this Phase I ESA. However, based on historical information gathered during the conduct of this study, the past use of the subject property has generally been documented. The subject property has been used for residential and livestock grazing purposes. Accordingly, the data gaps encountered are generally considered inconsequential.

In summary, the Phase I Environmental Site Assessment (ESA) conducted on the subject property did not reveal any conclusive evidence of environmental contamination or environmental impairment. However, two Recognized Environmental Conditions (REC) were observed associated with the subject property for in-scope items. The RECs/areas of concern included the buried solid waste discovered during an excavation project in the north-central region of the property, and an underground storage tank (UST) discovered behind the Nelson Leonard residence. Both of these locations are marked on an aerial photograph contained behind the subject property map in Appendix B. The UST location is not within the Neuse River floodplain, and the solid waste burial site does not appear to be located within the floodplain. The UST was reportedly used to contain heating oil. These two REC's, especially the UST, pose some potential for environmental contamination to exist on site. Based on currently available information, there is some potential for subsurface environmental contamination to exist at the location of these RECs. Otherwise, the potential for environmental contamination to exist on the remainder of the subject property appears to be low.

Since the property has already been acquired by the City of Raleigh, there is no need for further investigation of the subject property for in-scope items at this time. However, the City may wish to further investigate the solid waste burial site and/or the UST location at a later date.

Asbestos assessments, lead-based paint assessments, and mold/mildew assessments are not considered part of the scope of a Phase I ESA. Due to the age of the buildings on the subject property, some or all of these constituents could be present. However, that cannot be confirmed without conducting appropriate assessments.

*Robert H. Livermon, Jr.*

Robert H. Livermon, Jr., P. G.




## APPENDICES

- A. SITE VICINITY MAP
- B. SITE PROPERTY MAP
- C. AERIAL PHOTOGRAPHS OF SUBJECT PROPERTY
- D. U. S. GEOLOGICAL SURVEY TOPOGRAPHIC MAP
- E. REPRESENTATIVE PHOTOGRAPHS OF SUBJECT PROPERTY
- F. REGULATORY AGENCY INFORMATION
- G. *GeoLogix* - QUALIFICATIONS OF PERSONNEL



APPENDIX C: PHASE 2 ASSESSMENT OF THE INHOLDING AREA WITHIN THE NORTHERN PARCEL (2009)



**GeoLogix**  
GEOLOGIC STRATEGIES, P.C.

5316 Deep Valley Run Raleigh, NC 27606

**Limited Phase II  
Environmental Site Assessment (ESA)**

at

**Smoot Holdings, LLC, Property  
(Former Sewage Treatment Plant Site)  
12054 Falls of Neuse Road  
Raleigh, North Carolina**

Prepared for:  
*City of Raleigh*

December 19, 2009

GeoLogix, Inc.  
Environmental Consulting  
& Contracting Services

PH: 919-859-4544  
FAX 919-859-4544  
geologix2002@yahoo.com

Geologic Strategies, P.C.  
Professional Geological  
Services

GeoLogix/Geologic Strategies, P. C.

**LIMITED PHASE II  
ENVIRONMENTAL SITE ASSESSMENT (ESA)**

at

**Smoot Holdings, LLC, Property (0.48 Acres)  
12054 Falls of Neuse Road  
Raleigh, North Carolina**

**BACKGROUND**

The City of Raleigh currently owns land completely surrounding a 0.48-acre tract owned by Smoot Holdings, LLC, at 12054 Falls of Neuse Road in Raleigh, North Carolina. The City plans to purchase the 0.48-acre tract. A site vicinity map is contained in Appendix A.

In a telephone interview, Mr. Smoot confirmed that he operated a package sewage treatment plant on the property. The treatment plant served a residential subdivision located across Falls of Neuse Road. According to Mr. Smoot, the plant ceased operating in the early 1990's. Since then, much of the sewage treatment plant apparatus/equipment has been removed.

During the on-site work, a small shed, a concrete septic/waste receiving tank, and the probable foundation of the former chlorine contact chamber were observed. A large ravine adjacent to the concrete septic/waste receiving tank was reportedly the former location of two clarifiers. Both clarifiers and the chlorine contact chamber have been dismantled and removed. According to interview information from Mr. Smoot, the treatment plant did not have an emergency diesel generator back-up system. Accordingly, there was no fuel storage tank present on site to fuel a generator.

In initial discussions with City of Raleigh personnel, the scope of the limited Phase II environmental assessment was to include obtaining soil and groundwater samples and analyzing them for fecal coliform bacteria to determine if remnants of bacterial contaminants remained in the soil and/or groundwater from the sewage plant operation. However, discussions with analytical laboratory personnel indicated that there was no analysis for fecal coliform bacteria in soil. Accordingly, only groundwater samples were to be obtained for fecal coliform bacteria analyses.

1

**ANALYTICAL RESULTS**

Sample No. GW-1 was found to contain no positive results in the sample analysis for fecal coliform bacteria.

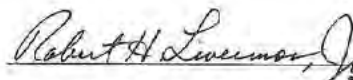
The analytical laboratory results are contained in Appendix D.

**CONCLUSIONS and RECOMMENDATIONS**

Based on the results of the laboratory analyses (see page 3 of the lab report in Appendix D), no residual fecal coliform was found to be present in the groundwater sample.

The result of the analysis is not surprising since the sewage treatment plant, according to interview information, has not been operated since the early 1990's. In fact, due to natural processes and the length of time since the sewage treatment plant has been operated, no residual fecal coliform bacteria would be anticipated to remain in the groundwater on site.

The sampling event conducted at the subject property represented an attempt to detect the presence of bacterial contaminants in the groundwater on site due to the previous operation of a package sewage treatment plant on site. Due to the limited nature of the assessment, there is always the potential that contaminants could escape detection due to the limitations of the study or the inaccuracy of information furnished by other parties used to arrive at the conclusions reached in this report. *GeoLogix* is not responsible for any inaccuracy of information furnished by other parties used to arrive at the conclusions reach in this report. The findings contained in this report are relevant to the dates of the site work and should not be relied upon to represent site conditions at other times.

  
Robert H. Livermon, Jr., P. G.



***Appendix B***

***Aerial Property Map Depicting Sample Location***





**Shed and Septic/Waste Receiving Tank – First Attempt at a Borehole was Behind Orange Marker**



**Another View of Shed and Septic/Waste Receiving Tank**





**Ravine Where Two Clarifiers Were Previously Located**



**Sample Location for GW-1 at Lower End of Ravine**

*GeoLogix/Geologic Strategies, P. C.*

***Appendix D***  
***Analytical Laboratory Results***  
***Chain-of-Custody***



Environmental Conservation Laboratories, Inc.  
102-A Woodwinds Industrial Court  
Cary NC, 27511  
Phone: 919.467.3090 FAX: 919.467.3515



Tuesday, December 15, 2009

GEOLOGIX (GE024)

Attn: ROB LIVERMON  
5316 DEEP VALLEY RUN  
RALEIGH, NC 27606-

RE: Laboratory Results for  
Project Number: [none], Project Name/Desc: City of Raleigh- Smoot Tract  
ENCO Workorder: C913898

Dear ROB LIVERMON,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, December 10, 2009.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz  
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 7.



SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: GW-1	Lab ID: C913898-01	Sampled: 12/10/09 12:00	Received: 12/10/09 15:00
Parameter SM 9222D	Hold Date/Time(s) 12/10/09 18:00	Prep Date/Time(s) 12/10/09 16:35	Analysis Date/Time(s) 12/11/2009 14:45



SAMPLE DETECTION SUMMARY

No positive results detected.



ANALYTICAL RESULTS

Description: GW-1  
Matrix: Water  
Project: City of Raleigh- Smoot Tract

Lab Sample ID: C913898-01  
Sampled: 12/10/09 12:00  
Sampled By: Robert H. Livermon

Received: 12/10/09 15:00  
Work Order: C913898

Microbiological Parameters

^ - ENCO Cary certified analyte (VIC 591)

Analyte [CAS Number]	Results	Flag	Units	DF	MBL	Batch	Method	Analyzed	By	Notes
Coliform, Fecal [ECL-0038] ^	4	U	CFU/100ml	1	4	9L11010	SM 9222D	12/11/09 14:45	CCB	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Microbiological Parameters - Quality Control

Batch 9L11010 - NO PREP

Blank (9L11010-BLK1)

Prepared: 12/10/2009 14:25 Analyzed: 12/11/2009 14:45

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Coliform, Fecal	1	U	1	CFU/100ml							

Duplicate (9L11010-DUP1)

Prepared: 12/10/2009 14:31 Analyzed: 12/11/2009 14:45

Source: C913552-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Coliform, Fecal	1	U	1	CFU/100ml		1 U				25	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.





## ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

<b>ENVIRONMENTAL CONSERVATION LABORATORIES</b>		<b>CHAIN-OF-CUSTODY RECORD</b>
16775 Central Exp. Dr. Orlando, FL 32824 (407) 626-5314 Fax (407) 626-5345	4014 Executive Park Circle 211 Jacksonville, FL 32216-6046 (904) 296-3007 Fax (904) 296-6810	1615 Passaic Way Clark, NJ 07019 (908) 747-1129 Fax (908) 671-6416

Page 1 of 1

[illegible]

[www.encolabs.com](http://www.encolabs.com)

# APPENDIX D: LIMITED SOIL SAMPLING FOLLOWING THE REMOVAL OF ONE UNDERGROUND STORAGE TANK (2012)



February 29, 2012

City of Raleigh Parks and Recreation  
Facilities Management Department  
222 W. Hargett Street, Suite 605  
Raleigh, North Carolina 27602

Attention: Mr. Brian Taylor

Subject: Report of Soil Sampling  
Post Underground Storage Tank Removal  
Leonard Tract  
Raleigh, North Carolina  
Matrix Job Number: 120248

Dear Mr. Taylor:

Matrix Health and Safety Consultants, L.L.C. (Matrix) is pleased to present this report of the limited soil sampling following the removal of an one Underground Storage Tank (UST) located at the Leonard Tract located in Raleigh, North Carolina. This report presents known project information, survey procedures, survey results and recommended response actions.

**PROJECT INFORMATION**

Matrix collected 3 soil samples from the excavation following the removal of a 1,000 gallon UST. Two soil samples were collected from the north and south ends of the excavation and one sample was collected from the stockpile soil. The samples were delivered to PRISM Laboratories, Inc. in Charlotte, North Carolina and analyzed for Diesel Range Organics (DRO) and Gasoline Range Organics (GRO) utilizing EPA Method 8015C.

The following table summarizes the sample locations and laboratory results. The full laboratory analysis reports is attached as an appendix with this report.

Sample Identification	Sample Location	Diesel Range Organics mg/kg	Gasoline Range Organics mg/kg
01 (North End)	North End of Excavation	14	BRL
02 (South End)	South End of Excavation	BRL	BRL
03 (Stock Pile)	Stock Pile Soil	23	BRL

BRL – Below Reporting Limit

Laboratory results identified Diesel Range Organics exceeded the North Carolina Department of Environment and Natural Resources action level of 10 milligrams per kilogram (mg/kg). Once the action level for DRO or GRO has been exceeded the UST removal becomes a regulated removal and is subject to the requirements for assessment and cleanup.

Limited Soil Sampling  
Post UST Removal  
Leonard Tract  
Raleigh, NC  
Matrix Job Number: 120248

February 29, 2012

Matrix appreciates the opportunity to have provided these services. We would be glad to discuss any of the results contained in this report, at your convenience. If there are any questions concerning this report or results, please contact us.

Sincerely,  
**MATRIX HEALTH AND SAFETY CONSULTANTS, L.L.C.**

A handwritten signature in black ink, appearing to read "Todd E. Daugherty".

Todd E. Daugherty  
Project Principal  
North Carolina Asbestos Inspector No. 11650

Attachments: Laboratory Report

Limited Soil Sampling  
Post UST Removal  
Leonard Tract  
Raleigh, NC  
Matrix Job Number: 120248

February 29, 2012



NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert No. 37735  
VA Certification No. 1287

Case Narrative  
02/24/2012

Matrix Health & Safety Consultants, LLC  
Todd Daugherty  
2900 Yonkers Road  
Raleigh, NC 27604

Project: Leonard Tract  
  
Lab Submittal Date: 02/16/2012  
Prism Work Order: 2020368


This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

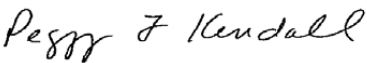
Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

  
VP Laboratory Services

  
Reviewed By

- Data Qualifiers Key Reference:
- SR Surrogate recovery outside the QC limits.
  - BRL Below Reporting Limit
  - MDL Method Detection Limit
  - RPD Relative Percent Difference
  - \* Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.  
449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543  
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Limited Soil Sampling  
Post UST Removal  
Leonard Tract  
Raleigh, NC  
Matrix Job Number: 120248

February 29, 2012



Sample Receipt Summary  
02/24/2012  
Prism Work Order: 2020368

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
01 (North End)	2020368-01	Solid	02/15/12	02/16/12
02 (South End)	2020368-02	Solid	02/15/12	02/16/12
03 (Stock Pile)	2020368-03	Solid	02/15/12	02/16/12

Samples received in good condition at 5.8 degrees C unless otherwise noted.

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Limited Soil Sampling  
Post UST Removal  
Leonard Tract  
Raleigh, NC  
Matrix Job Number: 120248

February 29, 2012



Laboratory Report  
02/24/2012

Matrix Health & Safety Consultants, LLC      Project: Leonard Tract      Client Sample ID: 01 (North End)  
Attn: Todd Daugherty      Prism Sample ID: 2020368-01  
2900 Yonkers Road      Prism Work Order: 2020368  
Raleigh, NC 27604      Sample Matrix: Solid      Time Collected: 02/15/12 11:30  
Time Submitted: 02/16/12 09:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diesel Range Organics by GC/FID									
Diesel Range Organics	14	mg/kg dry	8.5	2.5	1	*8015C	2/22/12 11:50	JMV	P2B0378
			Surrogate	Recovery			Control Limits		
			o-Terphenyl	80 %			49-124		
Gasoline Range Organics by GC/FID									
Gasoline Range Organics	BRL	mg/kg dry	2.5	0.33	50	*8015C	2/20/12 22:41	CBL	P2B0381
			Surrogate	Recovery			Control Limits		
			a,a,a-Trifluorotoluene	136 %			55-129 SR		
General Chemistry Parameters									
% Solids	82.5	% by Weight	0.100	0.100	1	*SM2540 G	2/21/12 14:30	JAB	P2B0411

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543  
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Limited Soil Sampling  
Post UST Removal  
Leonard Tract  
Raleigh, NC  
Matrix Job Number: 120248

February 29, 2012



Laboratory Report  
02/24/2012

Matrix Health & Safety Consultants, LLC      Project: Leonard Tract      Client Sample ID: 02 (South End)  
Attn: Todd Daugherty      Prism Sample ID: 2020368-02  
2900 Yonkers Road      Prism Work Order: 2020368  
Raleigh, NC 27604      Sample Matrix: Solid      Time Collected: 02/15/12 11:30  
Time Submitted: 02/16/12 09:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diesel Range Organics by GC/FID									
Diesel Range Organics	BRL	mg/kg dry	9.0	2.7	1	*8015C	2/22/12 10:05	JMV	P2B0378
			Surrogate	Recovery			Control Limits		
			o-Terphenyl	74 %			49-124		
Gasoline Range Organics by GC/FID									
Gasoline Range Organics	BRL	mg/kg dry	3.1	0.40	50	*8015C	2/20/12 23:08	CBL	P2B0381
			Surrogate	Recovery			Control Limits		
			a,a,a-Trifluorotoluene	133 %			55-129 SR		
General Chemistry Parameters									
% Solids	77.2	% by Weight	0.100	0.100	1	*SM2540 G	2/21/12 14:30	JAB	P2B0411

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Limited Soil Sampling  
Post UST Removal  
Leonard Tract  
Raleigh, NC  
Matrix Job Number: 120248

February 29, 2012



Laboratory Report

02/24/2012

Matrix Health & Safety Consultants, LLC  
Attn: Todd Daugherty  
2900 Yonkers Road  
Raleigh, NC 27604

Project: Leonard Tract  
  
  
Sample Matrix: Solid

Client Sample ID: 03 (Stock Pile)  
Prism Sample ID: 2020368-03  
Prism Work Order: 2020368  
Time Collected: 02/15/12 11:30  
Time Submitted: 02/16/12 09:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Diesel Range Organics by GC/FID									
Diesel Range Organics	23	mg/kg dry	8.3	2.4	1	*8015C	2/22/12 12:28	JMV	P2B0378
			Surrogate	Recovery			Control Limits		
			o-Terphenyl		72 %		49-124		
Gasoline Range Organics by GC/FID									
Gasoline Range Organics	BRL	mg/kg dry	3.0	0.38	50	*8015C	2/20/12 23:35	CBL	P2B0381
			Surrogate	Recovery			Control Limits		
			a,a,a-Trifluorotoluene		148 %		55-129		SR
General Chemistry Parameters									
% Solids	84.4	% by Weight	0.100	0.100	1	*SM2540 G	2/21/12 14:30	JAB	P2B0411

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Limited Soil Sampling  
Post UST Removal  
Leonard Tract  
Raleigh, NC  
Matrix Job Number: 120248

February 29, 2012



Level II QC Report

2/24/12

Matrix Health & Safety Consultants, LLC  
Attn: Todd Daugherty  
2900 Yonkers Road  
Raleigh, NC 27604

Project: Leonard Tract  
  
  
  
  
Prism Work Order: 2020368  
Time Submitted: 2/16/2012 9:20:00AM

Gasoline Range Organics by GC/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2B0381 - 5035										
Blank (P2B0381-BLK1)										
Prepared & Analyzed: 02/20/12										
Gasoline Range Organics	BRL	5.0	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene	5.35		mg/kg wet	5.000		107	55-129			
LCS (P2B0381-BS1)										
Prepared & Analyzed: 02/20/12										
Gasoline Range Organics	48.1	5.0	mg/kg wet	50.00		92	67-116			
Surrogate: a,a,a-Trifluorotoluene	6.10		mg/kg wet	5.000		122	55-129			
LCS Dup (P2B0381-BSD1)										
Prepared & Analyzed: 02/20/12										
Gasoline Range Organics	48.8	5.0	mg/kg wet	50.00		94	67-116	1	200	
Surrogate: a,a,a-Trifluorotoluene	6.25		mg/kg wet	5.000		125	55-129			

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Limited Soil Sampling  
Post UST Removal  
Leonard Tract  
Raleigh, NC  
Matrix Job Number: 120248

February 29, 2012



Level II QC Report  
2/24/12

Matrix Health & Safety Consultants, LLC    Project: Leonard Tract  
Attn: Todd Daugherty  
2900 Yonkers Road  
Raleigh, NC 27604

Prism Work Order: 2020368  
Time Submitted: 2/16/2012    9:20:00AM

Diesel Range Organics by GC/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2B0378 - 3545A										
Blank (P2B0378-BLK1)				Prepared: 02/20/12 Analyzed: 02/22/12						
Diesel Range Organics	BRL	7.0	mg/kg wet							
Surrogate: o-Terphenyl	1.62		mg/kg wet	1.600		101	49-124			
LCS (P2B0378-BS1)				Prepared: 02/20/12 Analyzed: 02/22/12						
Diesel Range Organics	70.5	7.0	mg/kg wet	70.84		88	55-109			
Surrogate: o-Terphenyl	1.72		mg/kg wet	1.597		108	49-124			
LCS Dup (P2B0378-BS1)				Prepared: 02/20/12 Analyzed: 02/22/12						
Diesel Range Organics	74.5	7.0	mg/kg wet	70.87		93	55-109	6	200	
Surrogate: o-Terphenyl	1.84		mg/kg wet	1.597		115	49-124			

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Matrix Health & Safety Consultants, LLC    Project: Leonard Tract  
Attn: Todd Daugherty  
2900 Yonkers Road  
Raleigh, NC 27604

Prism Work Order: 2020368  
Time Submitted: 2/16/2012    9:20:00AM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2B0411 - NO PREP										
Blank (P2B0411-BLK1)				Prepared & Analyzed: 02/21/12						
% Solids	99.9	0.100	% by Weight							
Duplicate (P2B0411-DUP1)				Source: 2020368-01		Prepared & Analyzed: 02/21/12				
% Solids	80.3	0.100	% by Weight		82.5			3	20	

Sample Extraction Data

Prep Method: 3545A

Lab Number	Batch	Initial	Final	Date/Time
2020368-01	P2B0378	25.06 g	1 mL	02/20/12 11:00
2020368-02	P2B0378	25.05 g	1 mL	02/20/12 11:00
2020368-03	P2B0378	25.04 g	1 mL	02/20/12 11:00

Prep Method: 5035

Lab Number	Batch	Initial	Final	Date/Time
2020368-01	P2B0381	11.95 g	5 mL	02/20/12 14:53
2020368-02	P2B0381	10.51 g	5 mL	02/20/12 14:53
2020368-03	P2B0381	9.8 g	5 mL	02/20/12 14:53

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Client Company Name: **MATRIX HEALTH & SAFETY**  
Report To/Contact Name: **Todd Daugherty**  
Reporting Address: **2900 Jenkins Road**  
**Raleigh, NC 27604**

Phone: **919-933-2520** Fax: **(No): 919-982-9926**  
Email: **(Yes)** (No) Email Address: **Todd@matrixhsc.com**  
EDD Type: PDF Excel Other  
Site Location Name: **Leonard Tract**  
Site Location Physical Address:

## CHAIN OF CUSTODY RECORD

PAGE **1** OF **1** QUOTE # TO ENSURE PROPER BILLING:

Project Name: **Leonard Tract Res. UST**  
Short Hold Analysis: (Yes) (No) UST Project: **(Yes)** (No)  
\*Please ATTACH any project specific reporting (QC LEVEL I II III IV)  
provisions and/or QC Requirements  
Invoice To: **same**  
Address:

Purchase Order No./Billing Reference  
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☒ 5 Days  
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved  
Samples received after 15:00 will be processed next business day.  
Turnaround time is based on business days, excluding weekends and holidays.  
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES  
RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

### LAB USE ONLY

Samples INTACT upon arrival?	YES	NO	N/A
Received ON WET ICE? Temp	5.8		
PROPER PRESERVATIVES indicated?			
Received WITHIN HOLDING TIMES?			
CUSTODY SEAL INTACT?			
VOLATILES INC. W/OUT HEADSPACE?			
PROPER CONTAINERS used?			

### TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NELAC USACE FL NC  
SC OTHER N/A  
Water Chlorinated: YES NO  
Sample Iced Upon Collection: YES **X** NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER			PRESERVA- TIVES	ANALYSES REQUESTED								REMARKS	PRISM LAB ID NO.
				*TYPE SEE BELOW	NO.	SIZE		DD	GR								
DN-01	2-15-12	1130	SOIL					X								North End	01
DS-02								X								SOUTH END	02
DST-03								X								STOCK PILE	03
GN-01							methanol		X							North End	01
GS-02							methanol		X							SOUTH END	02
GST-03							methanol		X							STOCK PILE	03

Sampler's Signature: **Todd E. Daugherty** Sampled By (Print Name): **Todd E. Daugherty** Affiliation: **MATRIX**

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By (Signature): <b>Todd E. Daugherty</b>	Received By (Signature): <b>Rich Name</b>	Date: <b>2/15/12</b> Military Hours: <b>12:30</b>	Additional Comments: <b>REC'D: 2/16/12 9:20</b> <b>2/16/12 9:20</b>
Relinquished By (Signature): <b>Rich Name</b>	Received By (Signature): <b>Sharon Wile</b>	Date: <b>2-15-12</b> Military Hours: <b>14:30</b>	
Relinquished By (Signature): <b>Rich Name</b>	Received For Prism Laboratories By: <b>Rich Name</b>	Date: <b>2-16-12</b> Military Hours: <b>9:05</b>	

Method of Shipment: **NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.**

☐ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other

NPDES: ☐ NC ☐ SC ☐ GROUNDWATER: ☐ NC ☐ SC ☐ DRINKING WATER: ☐ NC ☐ SC ☐ SOLID WASTE: ☐ NC ☐ SC ☐ RCRA: ☐ NC ☐ SC ☐ CERCLA: ☐ NC ☐ SC ☐ LANDFILL: ☐ NC ☐ SC ☐ OTHER: ☐ NC ☐ SC

\*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

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Site Departure Time:	
PRISM Fee:	
Mileage:	

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Page 9 of 9

Limited Soil Sampling  
Post UST Removal  
Leonard Tract  
Raleigh, NC  
Matrix Job Number: 120248

February 29, 2012

# ACKNOWLEDGMENTS

## Parks, Recreation and Cultural Resources Department

Oscar Carmona, Director  
Stephen Bentley, Assistant Director  
Scott Payne, Assistant Director  
Sally Thigpen, Assistant Director  
Ken Hisler, Assistant Director  
Brian Johnson, Parks Division Superintendent  
Leigh Bragassa, Invasive Program Coordinator  
Brian England, Preserve Manager, Annie Louise Wilkerson, MD Nature Preserve Park  
Shawsheen Baker, Capital Projects Superintendent

## Project Team Members

Emma Liles, Park Planner, Project Manager  
Sean Gough, Land Stewardship Program Manager  
Douglas Porter, Program Director, Historic Sites  
TJ McCourt, Park Planning Supervisor  
Brian Smith, Natural Resources Superintendent  
Troy Burton, Administrator, Historic Resources and Museum Program









# *Neuse River Blueway Plan*

*March 2021*



Raleigh  
Parks



# Acknowledgments

## PROJECT PARTNERS

Scott Barnard, Town of Clayton  
Kellee Beach, Marketing – Raleigh PRCR  
Kevin Boyer, Raleigh Stormwater  
Jason Brown, Knightdale PRCR  
Shane Brown, Camp Kanata / FWWP Committee  
Matt Butler, Sound Rivers  
Christina Chen, American Rivers  
John Connors, Wake Nature  
Banks Dixon, Frog Hollow  
Francis Ferrell, US Army Corps  
Gary Gardner, Wildlife Resources Commission  
Elizabeth Gardner, Falls Whitewater Park Committee  
Josh Glover, Town of Wake Forest  
Janeen Goodwin, Raleigh Public Utilities  
Bill Hamilton, CLH Design, PA  
David Hamilton, Parks Division – Raleigh PRCR  
Leigh Ann Hammerbacher, Triangle Land Conservancy  
Karen Higgins, NCDEQ  
Bill Hines, Sound Rivers  
Zac Huston, Outdoor Programs – Raleigh PRCR  
Brian Johnson, Parks Division – Raleigh PRCR  
Eric Lamb, Raleigh Transportation  
Harrison Marks, Sound Rivers  
Cara McLeod, Marketing – Raleigh PRCR  
Scott Miles, Town of Wake Forest  
Sarah Powers, Raleigh Arts

Laura Puryear, Falls Whitewater Park Committee  
Peter Raabe, American Rivers  
Carol Rogers, Carolina Canoe/Kayak Club  
Lisa Schiffbauer, Greenway Planning – PRCR  
Sara Sherman, Wildlife Resources Commission  
Brian Smith, Natural Resources – Raleigh PRCR  
Chris Snow, Wake County Parks  
Allison Snyder, Town of Wake Forest  
David Stark, NCDOT, US 1 Bridge Rep. PM  
Matthew Starr, Sound Rivers  
Sandy Sweitzer, Triangle Land Conservancy  
Natasha Teasley, Frog Hollow  
Rebecca Thomson, US Army Corps  
Ruben Wall, Wake Forest PRCR  
Camille Warren, Carolina Canoe/Kayak Club  
Chris Wiley, Knightdale PRCR  
Seth Yearout, Outdoor Programs – Raleigh PRCR

## PARKS, RECREATION AND CULTURAL RESOURCES DEPARTMENT

Oscar Carmona, Director  
Stephen Bentley, Assistant Director  
Scott Payne, Assistant Director  
Sally Thigpen, Assistant Director  
Ken Hisler, Assistant Director

## PROJECT TEAM MEMBERS

Emma Liles, Park Planner, Project Manager  
TJ McCourt, Park Planning Supervisor  
Shawsheen Baker, Capital Projects Superintendent  
Laura Kordewleski, Park Planning Specialist  
Josh Moore, National Park Service

This plan was developed through a technical assistance grant provided by the Rivers, Trails and Conservation Assistance Program of the National Park Service.

# Executive Summary

The Neuse River Blueway Plan is a comprehensive effort to improve public access to and awareness of the Neuse River as a valuable natural resource and recreational asset. This plan provides a long-term vision for the creation of a cohesive paddling trail that will connect over 2,000 acres of parks, greenway land, and open space along the 25 miles of the Neuse River that flow through the City of Raleigh and Wake County.

This plan was developed in partnership with the National Parks Service through the Rivers Trails and Conservation Assistance Program. A diverse group of project partners representing multiple jurisdictions, public and nonprofit landowners, advocacy organizations, and various other stakeholder groups provided essential guidance and expertise throughout the planning process. Community engagement through online surveys, special events, and other outreach efforts generated detailed feedback from over 600 people throughout the Triangle area. This engagement was essential to better understanding the needs and priorities of the community and directly informed the recommended improvements in this plan.



The Neuse River Blueway Plan proposes improvements to existing City of Raleigh river access points as well as the addition of six new launches to the system. Proposed river access points are distributed to maximize flexibility and accessibility, creating more options for short 1-2 hour paddling trips that are ideal for casual users and recreation programs. These launches and their proposed improvements are summarized in the chart on page 4 and the Neuse River Blueway Plan map on page 5.

Proposed locations are designated as either Primary or Secondary access points. Primary access points, established at key nodes along the river, will be developed to accommodate heavy use and will include features such as restroom access, expanded parking, and ADA-accessible launch designs where feasible. Primary access points should be capable of accommodating vehicles and trailers for the launching of power boats used by the Wildlife Resources Commission and emergency services. Secondary access points are designed for limited use, and provide alternative options for put-in and take-out points at shorter intervals between Primary access points. Secondary access points provide limited parking and launch designs intended to minimize environmental impact. As such, Secondary launches will provide very limited amenities and may not accommodate large groups, recreational programming needs, or boat trailer access.

The System Improvements chapter includes a detailed analysis of each individual launch site as well as general recommendations to address maintenance, signage, programming, public art, interactions with the Neuse River Greenway Trail, and future designation as a State or National Water Trail.

Taken together, the recommendations of this plan would create a 25-mile paddling trail that is accessible and exciting for users of all skill levels. Once established, Raleigh’s segment of the Neuse River Blueway could provide a new foundation for the coordinated development of a paddling trail that extends the full 275 miles of the Neuse River in North Carolina.







*The Neuse River Blueway Plan is a holistic vision for riparian conservation and water-based recreation, which will inspire residents and visitors of the Triangle to get outdoors, connect with Raleigh’s largest river and explore the natural beauty and fun that the Neuse River has to offer.*

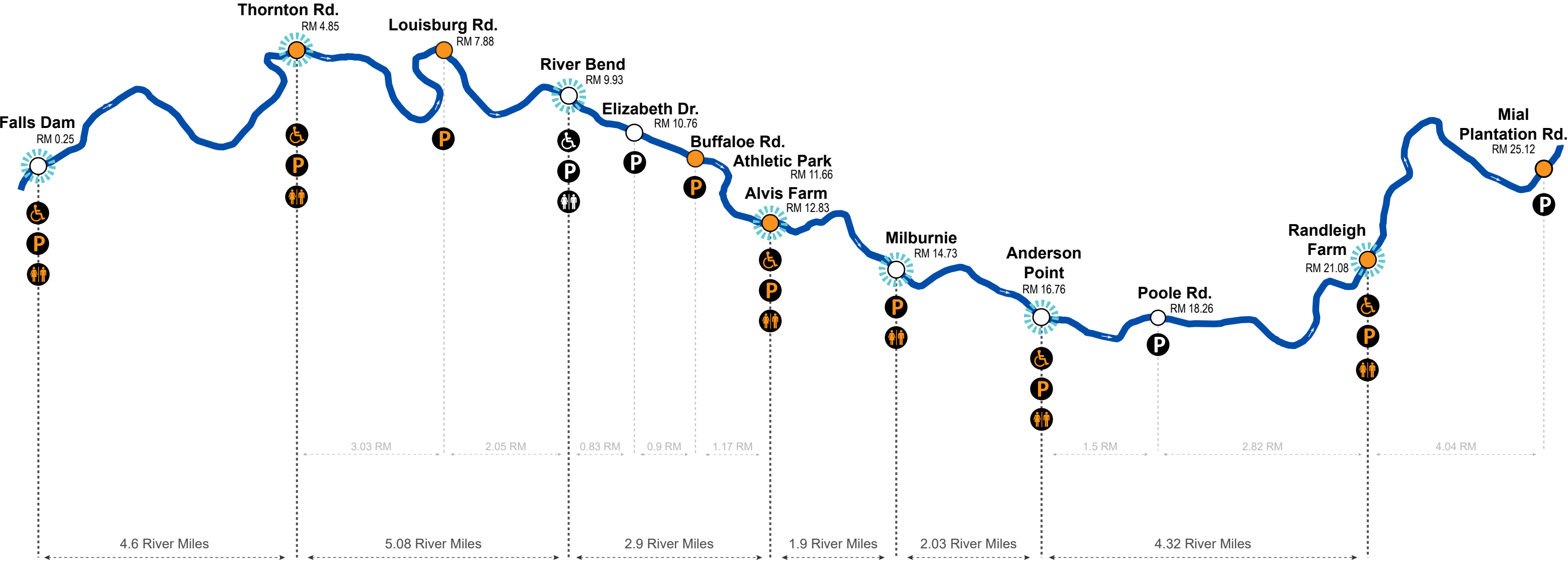
Launch Name	Launch Designation	Existing Launch Type	Proposed Improvements
Falls Dam (pg 30)	Primary	Concrete Landing & Pre-Cast Block Steps	<b>Short Term:</b> Improve launch for increased safety and accessibility—evaluate site for feasibility of concrete ramp or boat slide <b>Long Term:</b> Develop additional facilities in coordination with future master planning and site development
Thornton Rd. (pg 34)	Primary	Beach Launch	<b>Short Term:</b> Develop new concrete ramp launch in partnership with Wildlife Resource Commission <b>Long Term:</b> Develop additional facilities in coordination with future master planning and site development
Louisburg Rd. (pg 39)	Secondary	Undeveloped	<b>Short Term:</b> N/A <b>Long Term:</b> Develop site for additional greenway trailhead parking and river access improvements
River Bend (pg 41)	Primary	Concrete Ramp	N/A - Completed Nov. 2020
Elizabeth Dr. (pg 43)	Secondary	Natural Launch	<b>Short Term:</b> Improvements at launch to decrease erosion & sedimentation and to improve traction <b>Long Term:</b> Phase out this location after a new permanent river access point is established nearby at Buffaloe Road Athletic Park or Alvis Farm
Buffaloe Road Athletic Park (pg 46)	Secondary	Undeveloped	<b>Short Term:</b> N/A <b>Long Term:</b> Develop new launch and additional facilities in coordination with future master planning and site development
Alvis Farm (pg 49)	Primary	Undeveloped	<b>Short Term:</b> N/A <b>Long Term:</b> Develop new launch and additional facilities in coordination with future master planning and site development
Milburnie (pg 52)	Primary	Beach Launch	<b>Short Term:</b> Maintain existing natural beach launch <b>Long Term:</b> Evaluate potential for river access improvements and additional facilities in coordination with future master planning and site development
Anderson Point (pg 54)	Primary	Gravel Ramp	<b>Short Term:</b> Improve existing launch and expand parking in coordination with Wildlife Resources Commission <b>Long Term:</b> N/A
Poole Rd. (pg 60)	Secondary	Wooden Stairs	<b>Short Term:</b> Improvements at launch to decrease erosion & sedimentation and to improve traction <b>Long Term:</b> N/A
Randleigh Farm (pg 63)	Primary	Undeveloped	<b>Short Term:</b> N/A <b>Long Term:</b> Evaluate potential for river access improvements and additional facilities in coordination with future master planning and site development
Mial Plantation Rd. (pg 65)	Secondary	Undeveloped	<b>Short Term:</b> Improvements at launch to decrease erosion & sedimentation and to improve traction <b>Long Term:</b> N/A



# Neuse River Blueway Plan

## LEGEND

-  River Access
-  Primary River Access
-  Proposed New River Access / Proposed New Amenity
-  ADA Accessible
-  Parking
-  Restrooms



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# Introduction



The Neuse River is North Carolina’s longest river and one of Raleigh’s most valuable natural resources. For many years, the Neuse River flowed virtually unnoticed through the rural fringes of Wake County. This is no longer true. The City of Raleigh’s jurisdiction extends to, and in some areas beyond, the Neuse River, and land flanking both sides of the river has seen substantial development over the past few decades. Previous planning efforts—including the 2030 Comprehensive Plan, the City of Raleigh Greenway Master Plan, and others—have served to protect the immense natural resource value of this river corridor. With the opening of the Neuse River Greenway Trail, many thousands of people now walk, run, and bike along the river’s banks each year. The Neuse River Blueway Plan will expand on the tradition of protecting and improving public access to this shared resource, helping many more people to rediscover the Neuse River and experience Raleigh’s natural environment in a whole new way.

A *blueway* is a designated water trail that is developed with launch points, amenities and points of interest for canoeists, paddle boarders, kayakers and others traveling along the river. Blueways are typically developed by state, county or local municipalities to encourage recreation, ecological education, and preservation of wildlife resources along a river system.

As a parallel to the Neuse River Greenway Trail, the Neuse River Blueway Trail will provide a cohesive and navigable paddling route that allows kayakers, canoers, and other paddlers to enjoy a variety of trips along the Neuse River. By planning for a coordinated series of boat launches and river access points, the Neuse River will become more easily accessible to paddlers from across Raleigh and throughout the region, providing multiple trip options that will cater to everyone from beginners to enthusiasts.

The Neuse River Blueway Plan is a vision to improve river access and establish the first 25 miles of the Upper Neuse River as a cohesive paddling trail. This plan provides recommendations for the City of Raleigh to improve boat launch infrastructure at City-managed sites along the Neuse River within Wake County, including the creation of six new river access points at key locations along the river system. This Blueway Plan also serves as a framework for stakeholders beyond the City of Raleigh to pursue further public access improvements and ultimately designation of the Neuse River as a State or National Water Trail.

Since the Neuse River is inter-jurisdictional in nature, development of the Neuse River Blueway Trail will require continued coordination from a diverse group of project partners representing multiple jurisdictions, public and nonprofit landowners, and various other stakeholder groups with a special interest in outdoor recreation and natural resource conservation.

*The Neuse River Blueway Plan is a holistic vision for riparian conservation and water-based recreation, which will inspire residents and visitors of the Triangle to get outdoors, connect with Raleigh’s largest river and explore the natural beauty and fun that the Neuse River has to offer.*

NEUSE RIVER FACTS



THE NEUSE RIVER IS 275 MILES IN LENGTH & IS THE LONGEST RIVER ENTIRELY CONTAINED IN NORTH CAROLINA.



25 MILES OF THE NEUSE RIVER FLOW THROUGH LAND MANAGED BY THE CITY OF RALEIGH—9% OF THE TOTAL LENGTH OF THE RIVER!



THE NEUSE RIVER ONCE BEGAN AT THE CONFLUENCE OF THE ENO AND FLAT RIVERS, BUT NOW STARTS DOWNSTREAM OF THE FALLS LAKE RESERVOIR.



THE NEUSE RIVER CHANGES TO A SLOW-MOVING ESTUARY HABITAT BEFORE EMPTYING INTO THE PAMLICO SOUND.



THE UPPER NEUSE RIVER WATER LEVELS FLUCTUATE BETWEEN 100 CUBIC FEET PER SECOND (CFS) AND UP TO 5,000 CFS DUE TO THE THE ARMY CORPS OF ENGINEERS RELEASING WATER FROM THE FALLS LAKE RESERVOIR.



THE NEUSE RIVER WAS LISTED AS ONE OF AMERICA’S MOST ENDANGERED RIVERS® IN 2007. CURRENTLY, THE RIVER HAS EXCESSIVE NITROGEN AND PHOSPHOROUS LEVELS FROM AGRICULTURAL-WASTEWATER AND POLLUTED-STORMWATER RUNOFF.



MANY AGENCIES ARE WORKING TO IMPROVE THE QUALITY OF THE NEUSE RIVER INCLUDING LOCAL & STATE GOVERNMENTS AND NON-PROFIT ORGANIZATIONS.

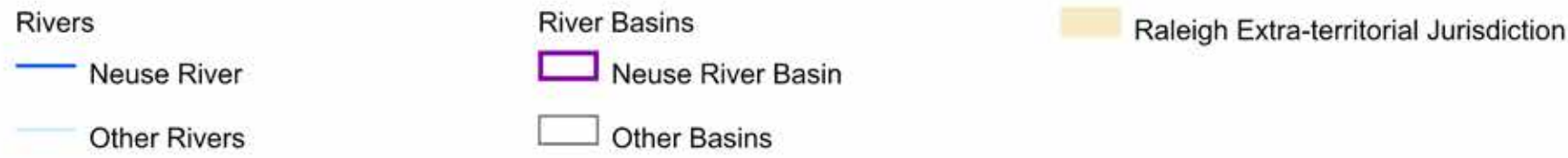
NEUSE RIVER BASIN

This expansive basin originates in Person and Orange counties, flowing from the Piedmont to the outer Coastal Plain. The river is essentially freshwater from its headwaters to New Bern, where it broadens and assumes estuarine characteristics.

The Neuse River Basin is made up of over 6,200 square miles, including both land and open water. The Neuse watershed contains 77 incorporated municipalities, including all or portions of the cities of Raleigh, Durham, Smithfield, Wilson, Goldsboro, New Bern and Havelock; it also includes an abundant number of towns including Butner, Wake Forest, Cary, Clayton and Kinston.



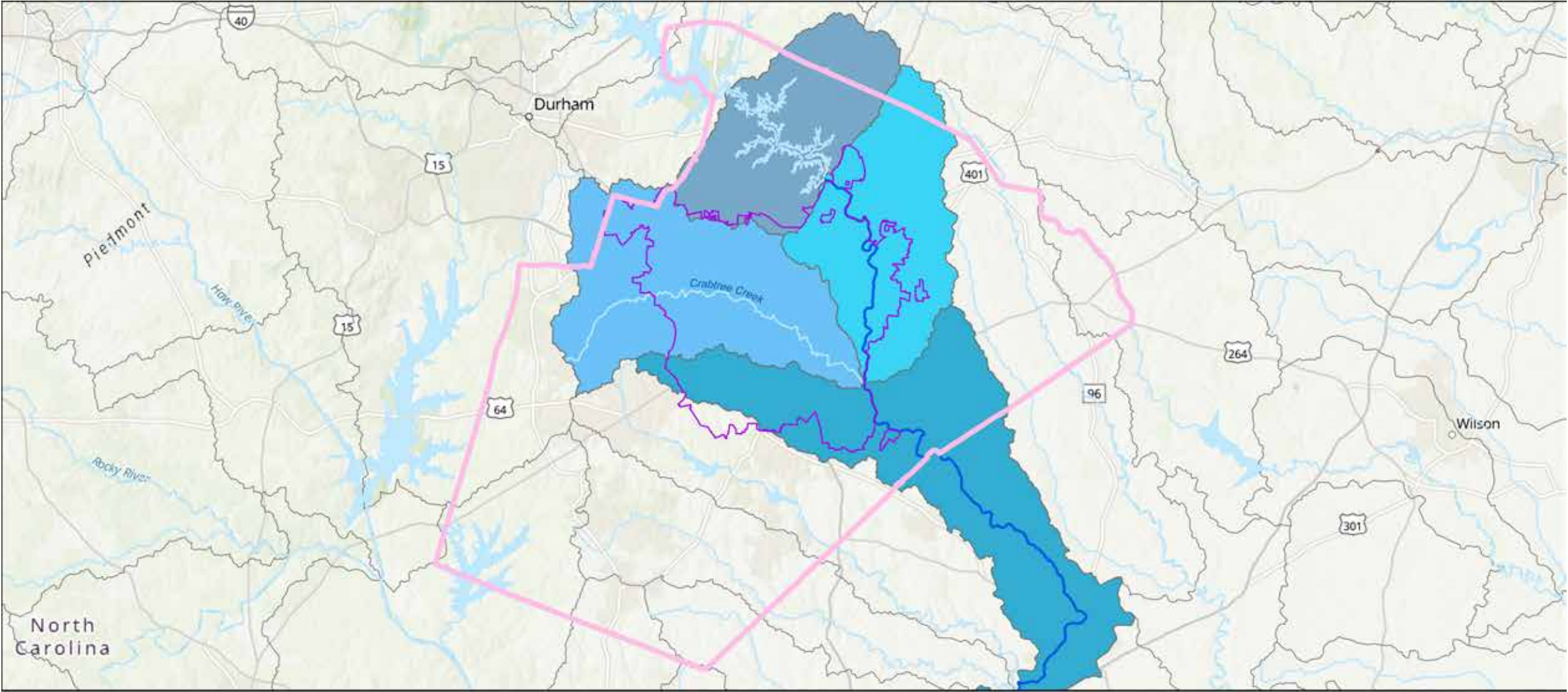
Neuse River Basin



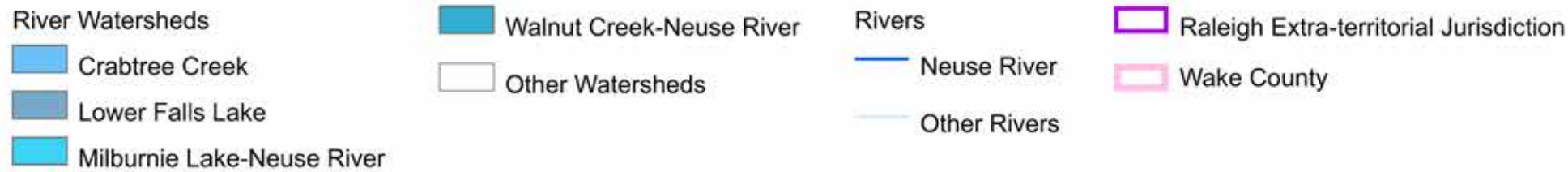


# NEUSE RIVER WATERSHEDS

There are four watershed within the City of Raleigh that feed either directly or indirectly into the Neuse River. The northernmost is the Lower Falls Lake watershed, and appears only slightly within the extra-territorial jurisdiction of Raleigh. The Crabtree Creek watershed includes the majority of the city, and feeds into the Crabtree Creek which in turn flows into the Neuse River. The Milburnie Lake-Neuse River watershed covers north-east Raleigh and feeds into the Upper Neuse River. The Walnut Creek-Neuse River watershed covers southern Raleigh and continues outside of Wake County to feed into the Neuse River downstream of Raleigh.



Neuse River Watersheds in Raleigh



PLANNING PROCESS

The Neuse River Blueway Plan was supported by a technical assistance grant from the National Park Service’s Rivers, Trails, and Conservation Assistance (RTCA) program.

The planning process was designed to follow the “Information Exchange” pathway of the City of Raleigh’s Public Participation Policy for Park Planning, with the purpose of exchanging data and opinions with citizens in order to identify key problems and alternatives, describe the consequences, and develop proposed actions. Community engagement was structured primarily around engagement at special events and collecting detailed feedback through online surveys.

Because of the inter-jurisdictional nature of the Neuse River, a diverse group of “project partners” was assembled to assist in the formation and implementation of the Neuse River Blueway Plan. While the City of Raleigh is leading the planning effort, implementation of the Neuse River Blueway Plan will ultimately rely on the commitment and cooperation of many other organizations.

These partner organizations represent multiple jurisdictions, public and nonprofit landowners, and various other stakeholder groups with a special interest in outdoor recreation and natural resource conservation along the Neuse River corridor. Representatives from each of these organizations have committed time, expertise, and resources to support the planning effort.

Throughout the planning process, these partner organizations provided valuable feedback and technical assistance in generating ideas, considering alternative designs, and establishing a final scope for this project. These partner organizations were also essential conduits for broader community engagement—their distribution lists were used to reach thousands of members, supporters, advocates, and others interested in contributing to the Neuse River Blueway Plan.

NEUSE RIVER BLUEWAY PLAN PROJECT PARTNERS	
Government - Municipal	Raleigh Wake Forest Knightdale Clayton
Government - County	Wake County Parks
Government - State	NC State Parks (Trails Division) NC Wildlife Resources Commission NC Department of Transportation
Government - Federal	National Park Service U.S. Army Corps of Engineers
Non-Profit / Advocacy	Falls Whitewater Park Committee American Rivers Sound Rivers Triangle Land Conservancy Wake Nature Preserve Partnership
Paddling Community	Carolina Canoe/Kayak Club Paddle Creek (Closed in 2020) Frog Hollow YMCA Triangle



PLANNING CONTEXT

COMPREHENSIVE PLAN

The 2030 Comprehensive Plan Update suggests the protection of natural resources and natural water features (Section 5.2 Policy 2.1 and 2.5). The Neuse River Blueway Plan proposes to “provide valuable stormwater and surface water management and ecological, visual, and recreational benefits”. The plan also proposes to address section 8.6 Policy 6.4: Access to Natural Resources by “promoting public awareness and knowledge of access to natural resource areas within the regional park system”.

STRATEGIC PLAN

Strategic Plan item Growth & Natural Resources Objective 1 is to “Identify opportunities to refine and enhance policies and programs that protect and improve environmental resources to include the tree canopy, open space, and plant management policies and practices.” By improving existing boat launches and adding six new launches, the Parks, Recreation and Cultural Resources Department will enhance programs that protect and improve access to environmental resources.

PRCR SYSTEM PLAN

The Needs and Priorities section of the Parks, Recreation and Cultural Resources System Plan specifically addresses the need for equitable distribution of access to safe opportunities for adventure and outdoor recreation. The plan also states that programs for river activities should be developed with safety classes included.

CAPITAL AREA GREENWAY MASTER PLAN

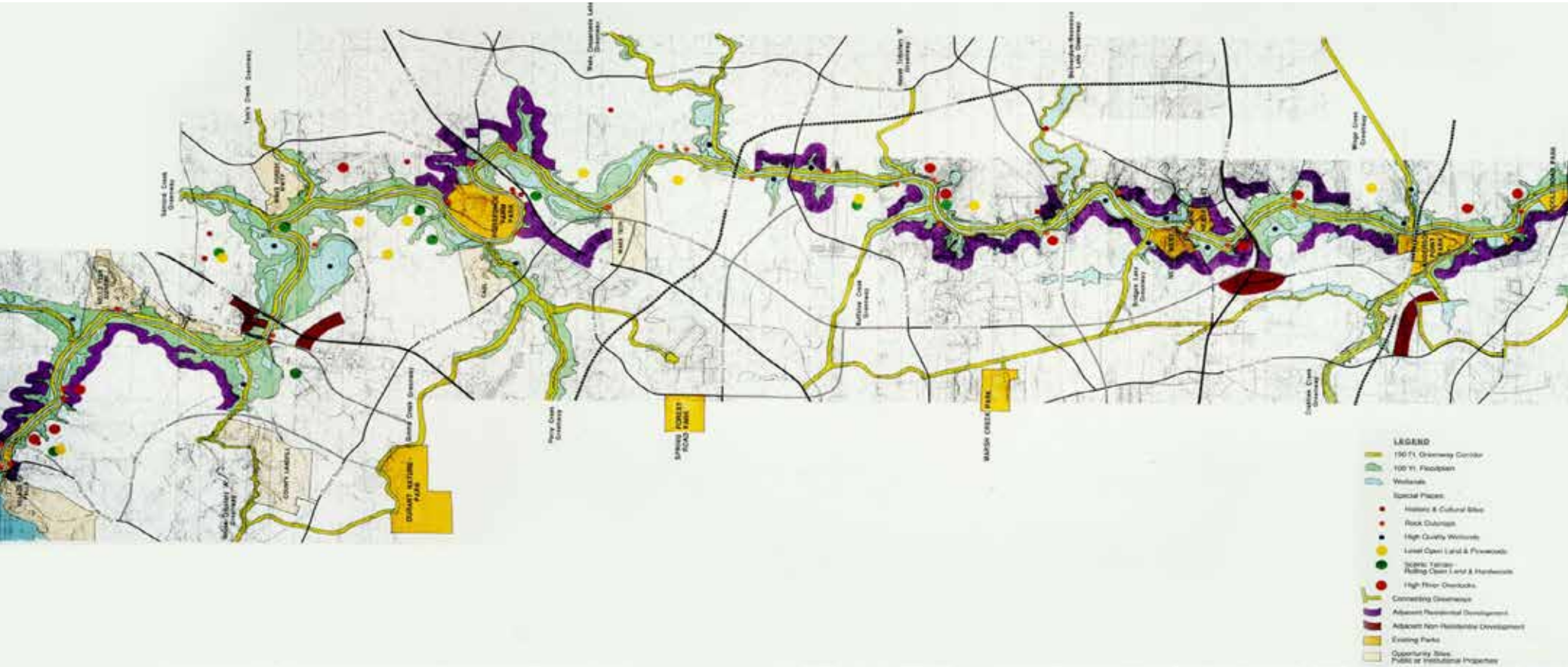
All of the launches within the Neuse River Blueway Plan share parking lots with the Neuse River Greenway Trail. The future Greenway Master plan should reference the Neuse River Blueway as far as amenities, access and improvements.

NEUSE RIVER REGIONAL PARK MASTER PLAN

The objective of the 1996 Neuse River Regional Park Master Plan was to develop a comprehensive recreational park master plan from Falls Dam to the Poole Road property. The plan featured detailed master plans for river front parks at Milburnie and Anderson Point. The vision of the Neuse River Regional Park Master plan was to accommodate many types of trail users including pedestrians, cyclists, paddlers and naturalists.

At the time of the plan’s adoption by City Council in 1996, the City of Raleigh owned four park properties on the Neuse River including Horseshoe Farm Park, Milburnie Park, Anderson Point Park and the Poole Road property.

The City of Raleigh has acquired five additional properties on the Neuse River since 1996. These properties include the Leonard Tract (84 acres), Thornton Road Property (132 acres), River Bend Park (25 acres), Buffaloe Road Athletic Park (165 acres) and Alvis Farm (100 acres). The acquisition of these five properties on the Neuse River provides an excellent opportunity to continue the vision of the Neuse River Regional Park Master Plan.



Existing Parks & Opportunity Sites, Neuse River Regional Park Master Plan, 1996.





**Existing System**



There are currently seven existing river access points along the Neuse River managed by the City of Raleigh. To the right is a summary chart of these access points including their addresses and launch types. On the following page is a map of these launches including the river mile distances between them.

The existing system has been built up over several decades, with each individual launch developed more-or-less in isolation. As a result, the distance between river access points is highly variable and the design of each launch varies significantly.

There are very limited opportunities for short, 1-2 hour paddle trips (approximately 3-4 miles), which are the preferred distance for most casual users and recreation programs. This creates significant accessibility issues, since some segments of the Neuse River are not navigable for most users where launches are spaced too far apart.

Some, such as the newly-developed launch at River Bend, are fully accessible for a variety of watercraft and were designed with adequate parking, boat drop-off, and restrooms within close proximity to the boat launch. Other locations present significant maintenance challenges, extremely long distances between available parking and the river access point, or other design challenges.

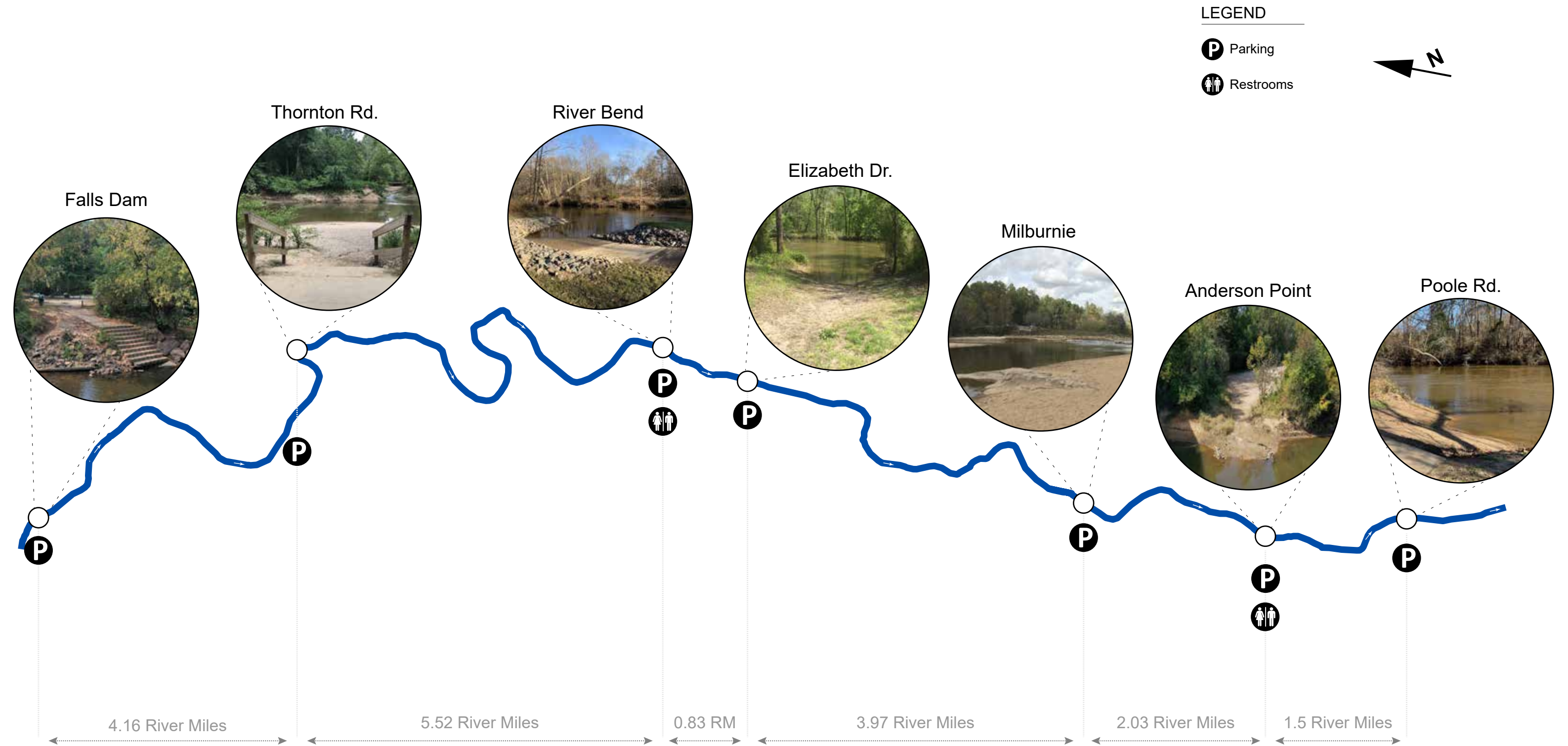
Each of these existing launches was thoroughly investigated during the planning process. Site visits and coordination with PRCR maintenance staff confirmed the existing condition of each launch, and where possible research was conducted to assemble existing permits and any prior-adopted plans for each site.

The Community Engagement chapter includes detailed results of community surveys that asked participants to share their opinion on the utility and condition of each launch, as well as what improvements would best serve the public using these river access points.

The System Improvements chapter includes recommendations for improvements at each of these existing launch locations as well as the creation of several new launch sites that will provide a cohesive paddling trail with many options for variable trip lengths along the entire stretch of the Upper Neuse River within Raleigh and Wake County.

Launch Name	Launch Address	Existing Launch Type
Falls Dam	12101 Old Falls of Neuse Rd.	Concrete Landing & Pre-Cast Block Steps
Thornton Rd.	6100 Thornton Rd.	Beach Launch
River Bend	6580 Perry Creek Rd.	Concrete Ramp (Opened Nov. 2020)
Elizabeth Dr.	4901 Elizabeth Dr.	Natural Launch
Milburnie	100 Loch Raven Pkwy	Beach Launch
Anderson Point	22 Anderson Point Dr.	Gravel Ramp
Poole Rd.	6501 Poole Rd.	Wooden Stairs

EXISTING RIVER ACCESS POINTS







# Community Engagement



## INITIAL COMMUNITY ENGAGEMENT

## PROJECT PARTNERS GROUP

A series of workshops were held as part of the project kick-off and analysis of the existing system on February 22, 2019 and June 7, 2019. The project partners group discussed current use and ideas for improvement along the proposed Neuse River Blueway, reviewed permitting issues and resources available to guide future design and development, and communicated on additional planning efforts that could coordinate with and build on the scope of the Neuse River Blueway Plan. Various municipalities, government agencies and specialized non-profit groups participated in the workshops.

## SPECIAL EVENTS

Outreach at a number of special events during the planning process helped to spread awareness of the Neuse River Blueway Plan.

Special presentations were given to members of the Carolina Canoe Club and Carolina Kayak Club at Optimist Pool on March 22, 2019 as well as at the Brier Creek Community Center on August 12, 2019. At these meetings, Carolina Canoe/Kayak Club members were invited to participate in the community engagement survey and were invited to provide direct feedback on preliminary Blueway Plan recommendations.

The Triangle Land Conservancy, one of the project partner organizations engaged in this planning effort, hosted a “Wild Ideas for Getting Outside” event focused on the Neuse River on May 8, 2019. The Neuse River Blueway Plan was one of the featured projects and a registered vendor at this event, which helped secure broader awareness for the project and significantly increased participation in the community survey.

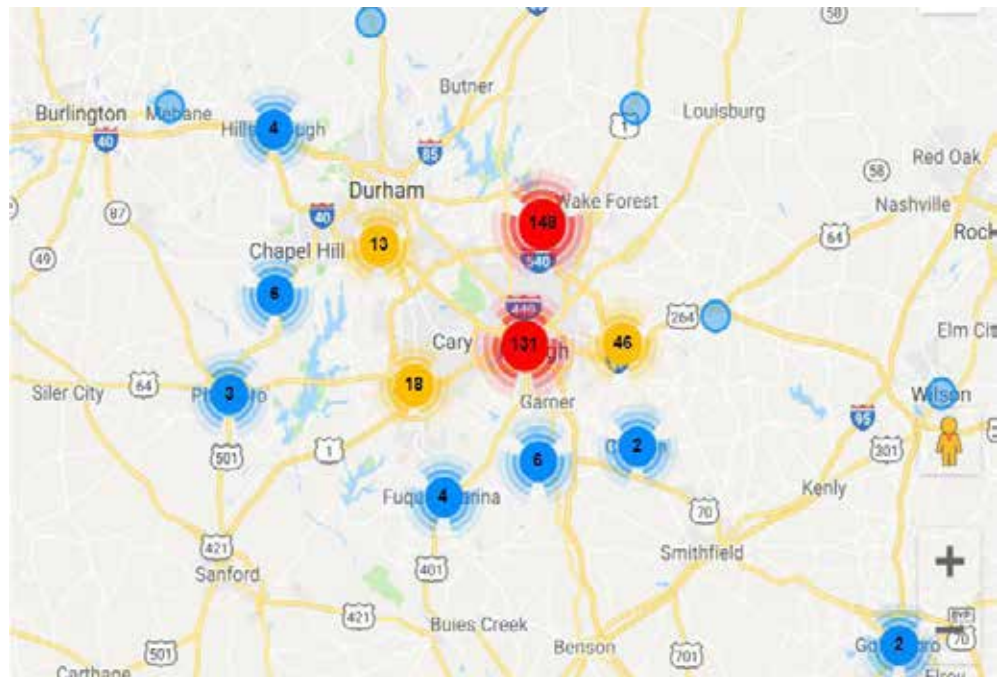
Tube the Neuse is an annual event that attracts hundreds of visitors to float down the Neuse River in inner tubes. Outreach was conducted in the lead-up to this event, and links to the community input survey were provided to event organizers. Signs promoting opportunities to get involved in the Neuse River Blueway Plan were advertised at key locations during the event.

## ONLINE SURVEY

Park Planning staff created a user feedback survey to better understand current paddling activity and use of the existing launches along the Neuse River. This survey was widely distributed through Parks, Recreation, and Cultural Resources marketing channels, and was also circulated through the distribution lists of several project partner organizations.

The public input survey link was also posted on yard signs at each individual river access point along the Neuse River and at strategic locations along the Neuse River Greenway Trail.

The response for the three-month period that the public input survey was open was 555 participants. Results of the survey can be found on the following pages, and the full list of comments collected can be found in Appendix F on page 84.



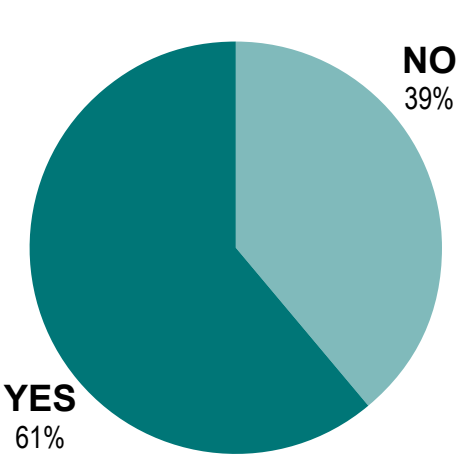
### Online Survey Participants Locations

The majority of survey respondents had paddled the Neuse River before and live in either Raleigh or Wake Forest. Most paddlers are intermediate in skill level. The types of paddlecraft most people use on the Neuse River ranked by popularity are kayak, canoe, stand up paddleboard and tube.

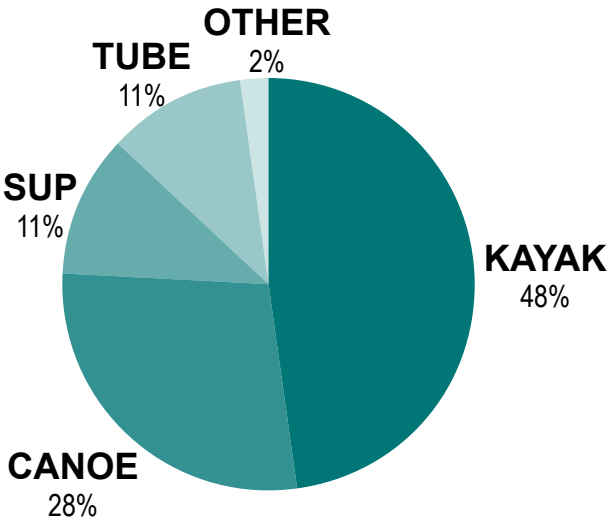
Most people said they own their equipment, but 34% said they rent from private paddling companies such as Paddle Creek. Several respondents commented that they would like to see a public access and shuttle alternative to Paddle Creek’s service.

The Parks, Recreation and Cultural Resources Department currently does not provide rental equipment for recreation on the Neuse River. This data shows there is an opportunity for the Parks, Recreation and Cultural

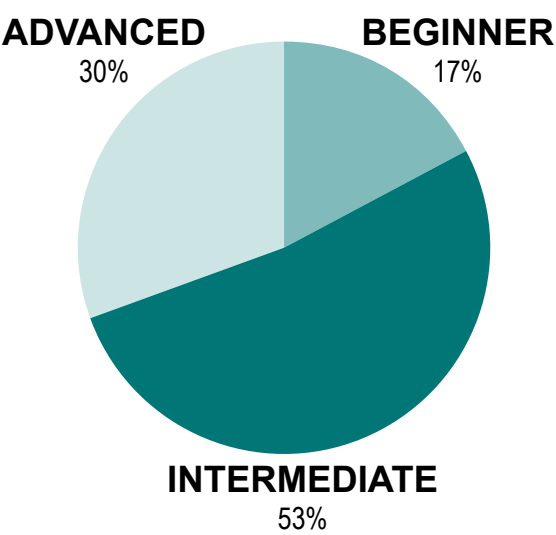
Have you ever paddled on the Neuse River?



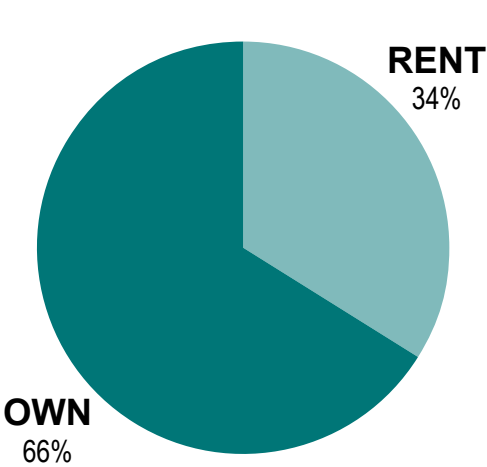
What type of paddlecraft do you use?



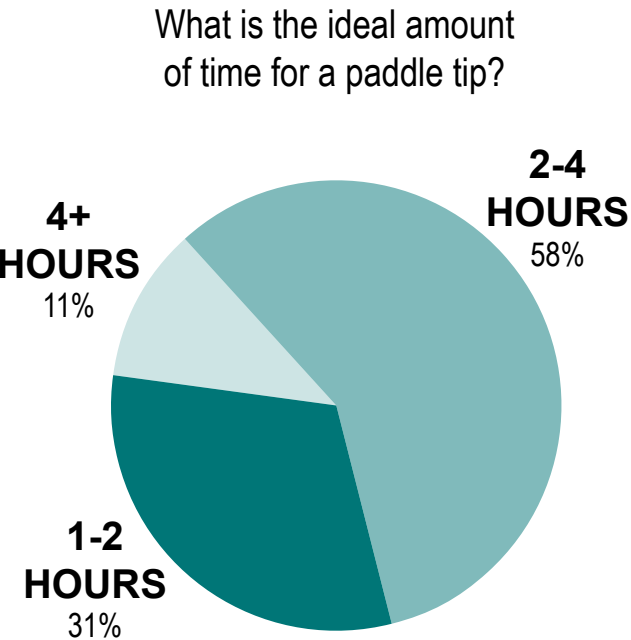
How experienced of a paddler are you?



Do you own or rent paddlecraft?



Resources Department to provide rentals and programs, especially since Paddle Creek closed in 2020. Of the options 1-2 hours (31%), 2-4 hours (58%) or 4+ hours (11%), most participants were in favor of a 2-4 hours paddle trip segment.



The feedback gathered from the community survey shows Falls Dam as the most popular put-in location and Buffalo Road as the most popular take-out location. It should be noted that the Buffalo Road launch is referred to as the Elizabeth Drive launch later in this document.

Where do you typically put in?

Falls Dam Canoe Launch	Avg. Rank: 1.20	69%
Buffaloe Road Canoe Launch	Avg. Rank: 1.81	24%
Milburnie Dam	Avg. Rank: 1.83	27%
Paddle Creek Canoe Launch (US 1)	Avg. Rank: 2.12	21%
Anderson Point Canoe Launch	Avg. Rank: 2.37	15%
Poole Road	Avg. Rank: 2.88	9%

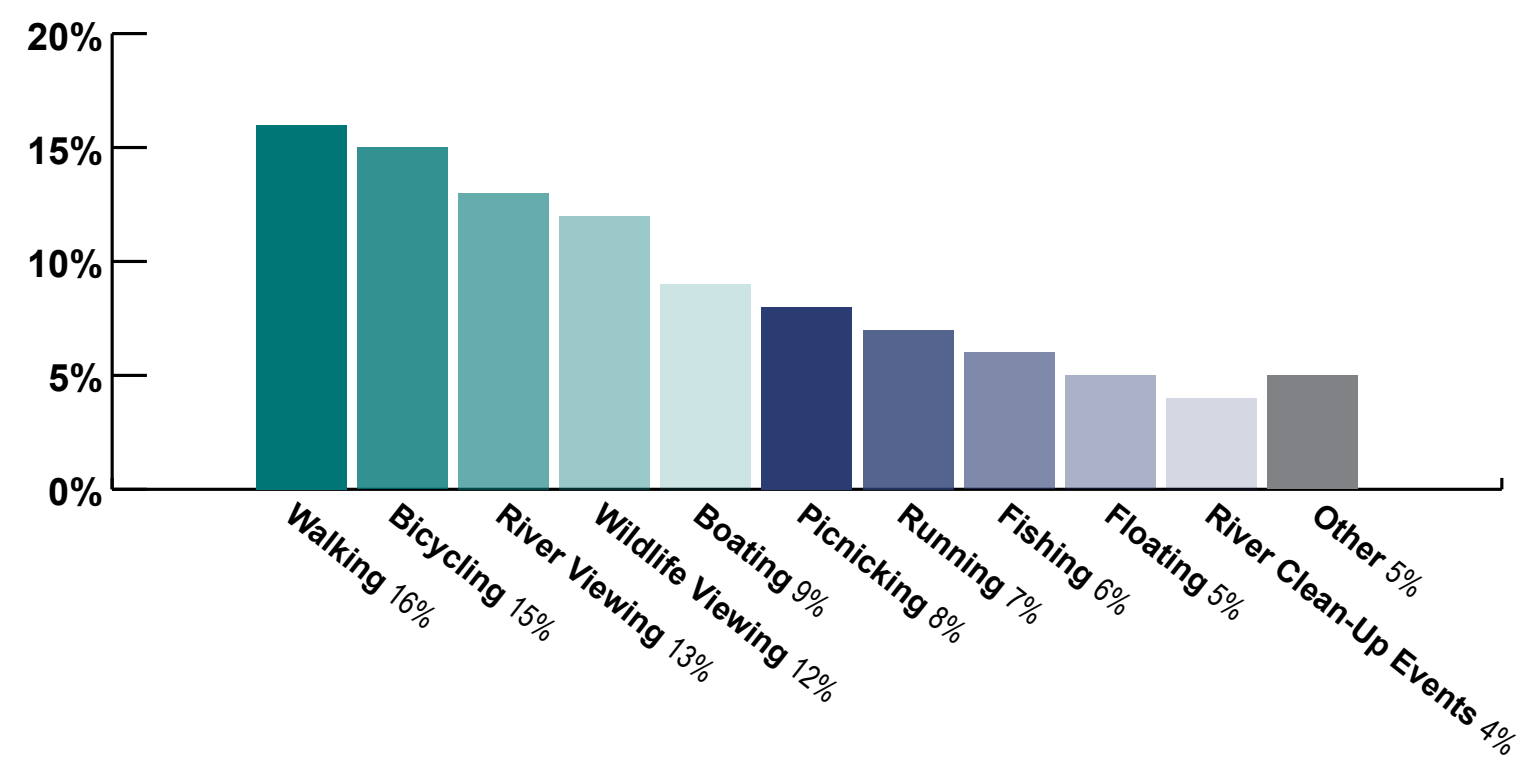
Where do you typically take out?

Buffaloe Road Canoe Launch	Avg. Rank: 1.42	32%
Poole Road	Avg. Rank: 1.45	29%
Paddle Creek Canoe Launch (US 1)	Avg. Rank: 1.54	34%
Falls Dam Canoe Launch	Avg. Rank: 1.64	19%
Milburnie Dam	Avg. Rank: 1.82	20%
Anderson Point Canoe Launch	Avg. Rank: 1.98	17%

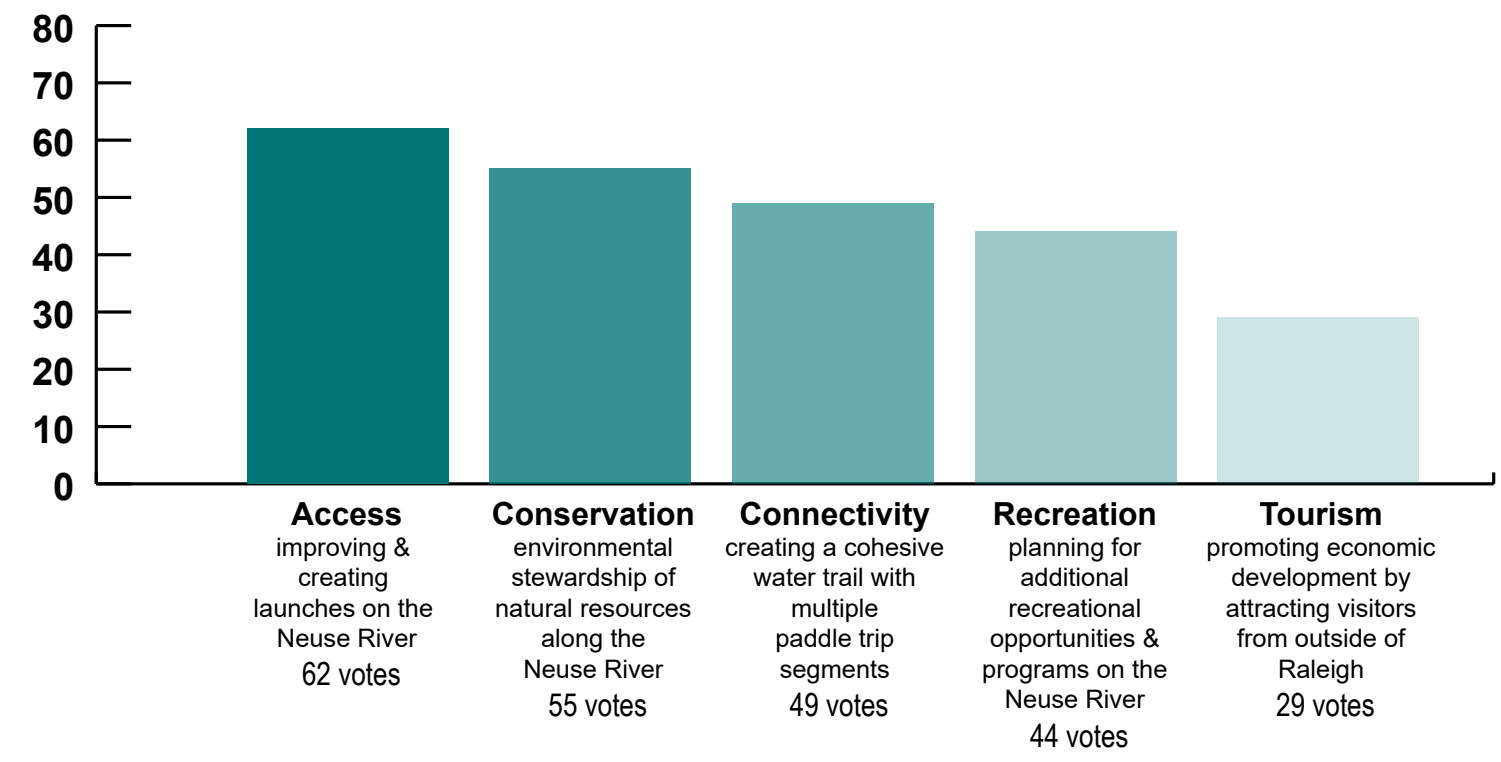
The Neuse River provides a variety of experiences to users in the community. In ranking order, responses to other activities that respondents participated in on the Neuse River were Walking (16%), Bicycling (15%), River Viewing (13%), Boating (9%), Picnicking (8%), Running (7%), Fishing (6%), Floating (5%), River Clean-Up Events (4%) and Other (5%). One activity that was not listed, but came through under the comments section was camping.

Five major themes identified during the planning process of the Neuse River Blueway Plan in order of importance are Access (63%), Conservation (54.9%), Connectivity (49.6%), Recreation (44.4%) and Tourism (27.8%).

What type of activities do you participate in or near the Neuse River?



Which of these do you find to be the most important for the Neuse River Blueway Plan?





EXISTING ACCESS COMMUNITY ENGAGEMENT

In October 2020, an online survey was conducted to assess the public’s use of the six existing river access points along the Neuse River in Raleigh. The River Bend access was not included in the survey since it wasn’t open to the public yet. This survey had 98 participants and collected 93 comments. The chart below shows the results of the question that asked users to assign a grade to these access points.

The survey asked for users to comment & explain these grades, and also asked them to submit suggestions for improvements. Below and on the following pages are a summary of issues identified and the public’s suggested proposed improvements. The full list of comments collected can be found in Appendix F on page 84.

How would you grade the existing river access points along the Neuse River?					
	A	B	C	D	F
Falls Lake	33% A	40% B	19% C	7% D	1% F
Thornton Rd.	9% A	26% B	29% C	29% D	6% F
Elizabeth Dr.	6% A	22% B	43% C	22% D	6% F
Milburnie	10% A	30% B	42% C	10% D	7% F
Anderson Point	14% A	31% B	28% C	20% D	7% F
Poole Rd.	11% A	19% B	37% C	24% D	9% F
83 respondents					

SYSTEM-WIDE

ISSUES	PROPOSED IMPROVEMENTS
Debris in river	Boat & bike locks for shuttling
Muddy & Slippery launches	An effective way to slow down or divert bikers at greenway intersections
Steep & Narrow launches	Restrooms
Limited parking	Signage along river
Access points aren’t user friendly	Increased parking/ designated drop-off parking spot
Trash	Hoses for cleaning boats
Not enough access points	Improvements to allow access to large rafts/ drift boats
Erosion	More access points

FALLS DAM

ISSUES	PROPOSED IMPROVEMENTS
Boats get scratched on stairs	Add wood to stairs
Other users blocking steps	Bigger access point
Too steep	
Difficult to cross greenway bike traffic	

MILBURNIE

ISSUES	PROPOSED IMPROVEMENTS
Too far to carry boat from parking lot on western bank	New access around Milburnie Falls on western bank
Feels unsafe	Increased police patrols
Not enough parking	More parking
Entrance/Exit only suitable for one-way traffic	Better directional signage

THORNTON RD.

ISSUES	PROPOSED IMPROVEMENTS
Too far to carry boat from parking lot	Parking closer to access point
Not enough parking	More parking
Rough terrain	

ANDERSON POINT

ISSUES	PROPOSED IMPROVEMENTS
Debris blocking the river	Increased maintenance
Slippery	Signage on river
Difficult to cross greenway bike traffic	Signage from parking lot to drop-off
Other users block access point	
Trash	

ELIZABETH DR.

ISSUES	PROPOSED IMPROVEMENTS
Needs a restroom	Add restroom
Not enough parking	Direct greenway users to park at different trailhead
No steps	
Narrow & slippery	
Difficult to cross greenway bike traffic	

POOLE RD.

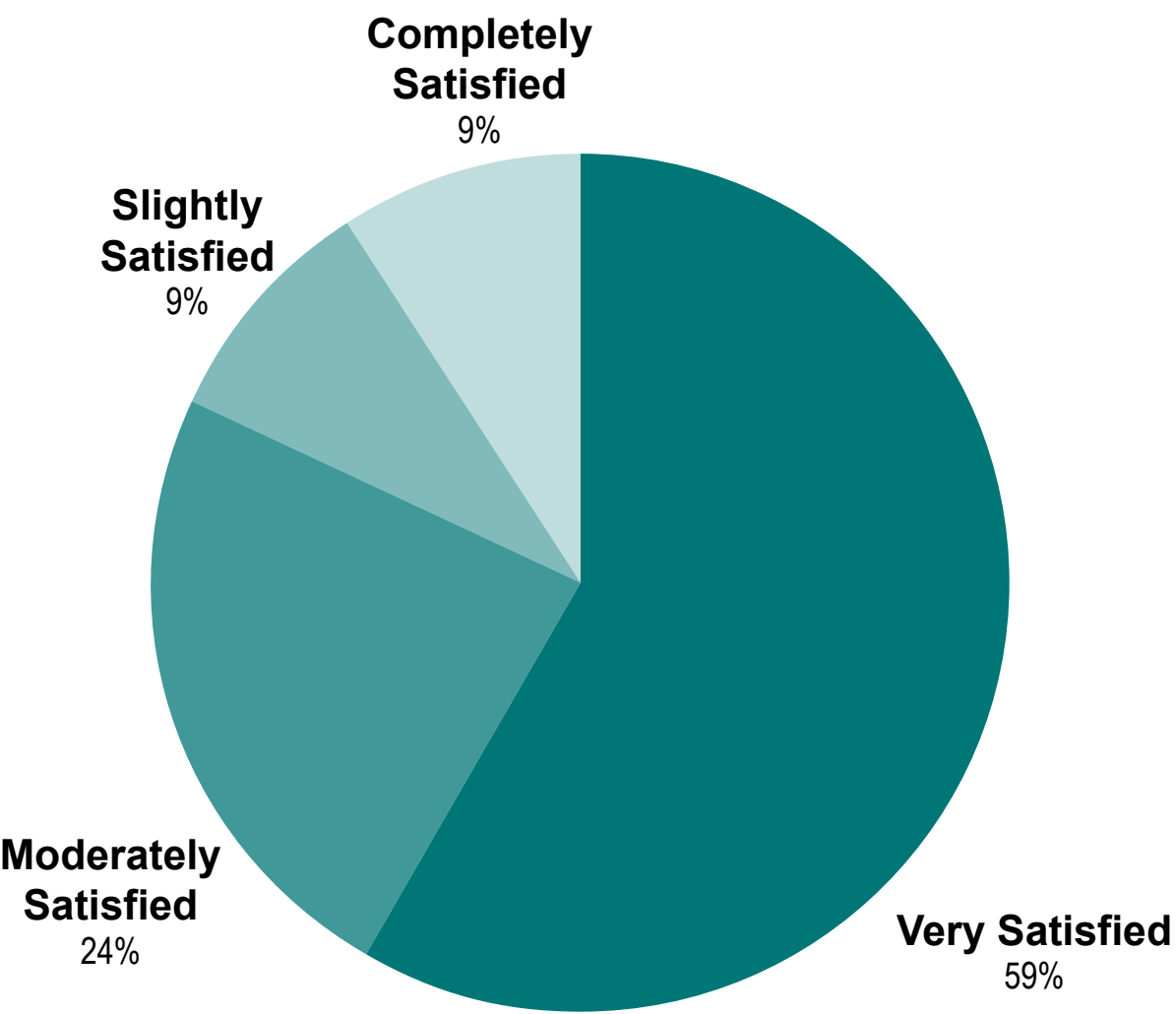
ISSUES	PROPOSED IMPROVEMENTS
Too far to carry boat from parking lot	Add designated drop-off parking spot
Feels unsafe	
Muddy & Slippery	
Not enough parking	
Steep	

DRAFT DOCUMENT REVIEW & PRIORITIES COMMUNITY ENGAGEMENT

From December 7th to December 28th, the draft Neuse River Blueway Plan was uploaded to the project website for public review and comment and an online survey was conducted with two goals in mind. The first goal was to get feedback on the draft document and gauge how satisfied people were with the content. The second goal was to ask people to rank the short-term priorities outlined in the system improvements chapter. This survey had 44 participants and collected 44 comments.

The results of the ranked priorities can be found on page 69 in the Next Steps chapter. The other survey results can be found below and all comments can be found in Appendix F on page 84.

Overall are you satisfied with the Draft Neuse River Blueway Plan?







**System Improvements**



The Neuse River Blueway Plan establishes a long-range vision for the upper Neuse River as a cohesive paddling trail. This chapter provides an overview of the recommended improvements necessary in order to achieve this vision.

Proposed improvements across all locations are summarized in the chart on page 26 and on the Neuse River Blueway Plan Map on page 27. These improvements were derived from feedback received during multiple rounds of community engagement, advice from subject matter experts at various project partner organizations, and a planning-level evaluation of each individual site.

Beginning on page 30, this chapter provides a more detailed analysis of each individual launch site, including existing conditions and proposed improvements. The exact nature and location of river access improvements should be further evaluated through detailed feasibility analysis and site design during future implementation of this plan.

The feedback gathered through community engagement also helped to identify systemwide improvements that will help to establish the Neuse River Blueway as a cohesive paddling trail and a true regional destination. These systemwide considerations are detailed on pages 28 – 29.

The scope of this planning document is focused primarily on the upper 25 miles of the Neuse River and river access points under jurisdiction of the City of Raleigh. However, the full vision of the Neuse River Blueway extends beyond political boundaries and provides an opportunity to coordinate with additional river access points downstream managed by partner jurisdictions such as the Town of Clayton, the Town of Smithfield, Johnston County, and others. More information on the Neuse River Blueway outside of Raleigh is included in Appendix D, beginning on page 79. While not included in this document, it is recommended that in the future the City of Raleigh research the feasibility of extending the Neuse River Blueway to include the Crabtree Creek or Walnut Creek.

DISTRIBUTION OF LAUNCHES

A successful blueway trail should provide river access points distributed strategically to provide users with multiple options for trip duration. Although paddling speed depends heavily on the Neuse River’s highly variable flow rate, a distance of approximately 3–5 miles equates to a 1–2 hour paddling trip on most days. This shorter trip duration is ideal for novice paddlers and recreation programs, and so the Neuse River Blueway Plan recommends providing river access points at intervals of approximately 5 miles or less, where feasible. Distributing launches in this way provides users with many convenient options for where to put in and take out watercraft, and allows for longer trips by linking together multiple shorter segments of the blueway trail. Ultimately, this design will make the river more easily accessible for people throughout the City of Raleigh and the surrounding region.

Today, the City of Raleigh maintains boat launches at six river access points: Falls Dam, Thornton Road, River Bend Park, Elizabeth Drive, Milburnie, Anderson Point, and Poole Road.

New river access points are proposed to be developed at six additional locations in order to complete the blueway trail: Thornton Rd., Louisburg Rd., Buffaloe Rd. Athletic Park, Alvis Farm, Randleigh Farm, and Mial Plantation Rd. These new river access points are highlighted in orange on the accompanying chart and are represented with an orange dot on Neuse River Blueway Plan map.

PRIMARY AND SECONDARY ACCESS POINTS

There are a total of ten river access points proposed along the first 25 miles of the Neuse River Blueway Trail. “Primary” access points are planned to accommodate the majority of paddling activity, and will generally have larger parking lots, more formal boat launch designs, and other amenities to improve user experience. Secondary access points, primarily located at greenway trailhead parking lots along the river, provide alternative access opportunities but are not designed for intensive use.

Primary access points are designated in light blue on the accompanying chart and are represented with a light blue halo on the Neuse River Blueway Plan map.

ADDITIONAL FACILITIES

Additional facilities beyond boat launch improvements themselves—such as public restrooms, expanded parking, and ADA-friendly infrastructure—are proposed at designated primary access points. These facilities will make paddling the Neuse River a more accessible experience for a broader cross-section of the population, ultimately expanding this recreational opportunity to a greater number of people.

However, locating these amenities is a difficult challenge at many sites along the Neuse River corridor. Restroom facilities must be constructed outside of the river’s sizable floodplain, which may extend hundreds of feet inland, far away from potential boat launch locations; site topography and bank conditions may make it impossible or financially infeasible to develop fully ADA-accessible launch designs at some locations; and there is a delicate balance between dedicating enough space for adequate parking while limiting tree removal and impervious surface area in ecologically sensitive locations.

Where feasible, providing these enhanced facilities at primary access points is necessary to make the paddling experience accessible to as many people as possible. Co-located with trailheads along the Neuse River Greenway Trail and other park site improvements, these facilities will meet the demand of general park and greenway users in addition to blueway paddlers. In most cases, development of these enhanced facilities should be considered in coordination with future master planning and large-scale development of each individual site.



Neuse River

Launch Name	Launch Designation	Existing Launch Type	Proposed Improvements
Falls Dam (pg 30)	Primary	Concrete Landing & Pre-Cast Block Steps	<b>Short Term:</b> Improve launch for increased safety and accessibility—evaluate site for feasibility of concrete ramp or boat slide <b>Long Term:</b> Develop additional facilities in coordination with future master planning and site development
Thornton Rd. (pg 34)	Primary	Beach Launch	<b>Short Term:</b> Develop new concrete ramp launch in partnership with Wildlife Resource Commission <b>Long Term:</b> Develop additional facilities in coordination with future master planning and site development
Louisburg Rd. (pg 39)	Secondary	Undeveloped	<b>Short Term:</b> N/A <b>Long Term:</b> Develop site for additional greenway trailhead parking and river access improvements
River Bend (pg 41)	Primary	Concrete Ramp	N/A - Completed Nov. 2020
Elizabeth Dr. (pg 43)	Secondary	Natural Launch	<b>Short Term:</b> Improvements at launch to decrease erosion & sedimentation and to improve traction <b>Long Term:</b> Phase out this location after a new permanent river access point is established nearby at Buffaloe Road Athletic Park or Alvis Farm
Buffaloe Road Athletic Park (pg 46)	Secondary	Undeveloped	<b>Short Term:</b> N/A <b>Long Term:</b> Develop new launch and additional facilities in coordination with future master planning and site development
Alvis Farm (pg 49)	Primary	Undeveloped	<b>Short Term:</b> N/A <b>Long Term:</b> Develop new launch and additional facilities in coordination with future master planning and site development
Milburnie (pg 52)	Primary	Beach Launch	<b>Short Term:</b> Maintain existing natural beach launch <b>Long Term:</b> Evaluate potential for river access improvements and additional facilities in coordination with future master planning and site development
Anderson Point (pg 54)	Primary	Gravel Ramp	<b>Short Term:</b> Improve existing launch and expand parking in coordination with Wildlife Resources Commission <b>Long Term:</b> N/A
Poole Rd. (pg 60)	Secondary	Wooden Stairs	<b>Short Term:</b> Improvements at launch to decrease erosion & sedimentation and to improve traction <b>Long Term:</b> N/A
Randleigh Farm (pg 63)	Primary	Undeveloped	<b>Short Term:</b> N/A <b>Long Term:</b> Evaluate potential for river access improvements and additional facilities in coordination with future master planning and site development
Mial Plantation Rd. (pg 65)	Secondary	Undeveloped	<b>Short Term:</b> Improvements at launch to decrease erosion & sedimentation and to improve traction <b>Long Term:</b> N/A

# Neuse River Blueway Plan

LEGEND

River Access

Primary River Access

Proposed New River Access /  
Proposed New Amenity

ADA Accessible

Parking

Restrooms

The map illustrates the Neuse River Blueway Plan, showing the river route from Falls Dam to Mial Plantation Rd. The river is represented by a blue line, and various landmarks and amenities are marked along the route. Distances are provided in River Miles (RM) and River Miles (RM).

**Landmarks and Distances:**

- Falls Dam (RM 0.25)
- Thornton Rd. (RM 4.85)
- Louisburg Rd. (RM 7.88)
- River Bend (RM 9.93)
- Elizabeth Dr. (RM 10.76)
- Buffaloe Rd. (RM 11.66)
- Athletic Park (RM 12.83)
- Alvis Farm (RM 12.83)
- Milburnie (RM 14.73)
- Anderson Point (RM 16.76)
- Poole Rd. (RM 18.26)
- Randleigh Farm (RM 21.08)
- Mial Plantation Rd. (RM 25.12)

**Distances between landmarks:**

- Falls Dam to Thornton Rd.: 4.6 River Miles
- Thornton Rd. to Louisburg Rd.: 3.03 RM
- Louisburg Rd. to River Bend: 2.05 RM
- River Bend to Elizabeth Dr.: 0.83 RM
- Elizabeth Dr. to Buffaloe Rd.: 0.9 RM
- Buffaloe Rd. to Athletic Park: 1.17 RM
- Athletic Park to Milburnie: 1.9 River Miles
- Milburnie to Anderson Point: 2.03 River Miles
- Anderson Point to Poole Rd.: 1.5 RM
- Poole Rd. to Randleigh Farm: 2.82 RM
- Randleigh Farm to Mial Plantation Rd.: 4.04 RM

**Amenities:**

- River Access:** Falls Dam, River Bend, Milburnie, Anderson Point, Poole Rd.
- Primary River Access:** Thornton Rd., Athletic Park, Randleigh Farm
- Proposed New River Access / Proposed New Amenity:** Louisburg Rd., Buffaloe Rd., Alvis Farm, Mial Plantation Rd.
- ADA Accessible:** Falls Dam, Thornton Rd., River Bend, Athletic Park, Alvis Farm, Milburnie, Anderson Point, Randleigh Farm
- Parking:** Falls Dam, Thornton Rd., Louisburg Rd., River Bend, Elizabeth Dr., Buffaloe Rd., Athletic Park, Alvis Farm, Milburnie, Anderson Point, Poole Rd., Randleigh Farm, Mial Plantation Rd.
- Restrooms:** Falls Dam, Thornton Rd., River Bend, Athletic Park, Alvis Farm, Milburnie, Anderson Point, Randleigh Farm

27



# SYSTEM-WIDE IMPROVEMENTS

## MAINTENANCE

Like any outdoor adventure-style recreational activity, paddling or floating on the Neuse River is an inherently risky endeavor.

The provision and maintenance of river access points does not constitute any express or implied guarantee of safety. Access points along the Neuse River are subject to frequent flooding and siltation, and as a result of these natural occurrences access points along the river bank may become inundated, muddy, slippery, blocked by debris, or otherwise dangerous. When feasible, the City of Raleigh will periodically perform maintenance activity such as removing siltation from constructed launches at primary access points, but most secondary or natural access points may become difficult or impossible to use for extended periods of time following flood events.

Safety while on the Neuse River itself is also the responsibility of individual paddlers. River hazards such as log jams can create dangerous or even potentially fatal conditions. Paddlers should exercise special caution when approaching obstructions such as downed trees, boulders, or log jams which can pin boats and people under water. Removing log jams and other obstructions is not within the City of Raleigh’s jurisdiction or responsibility. Typically, log jams are removed by NCDOT or CSX Transportation Railroad, when the obstructions present a danger to the structural integrity of the bridges managed by those entities.

Additional information regarding water quality concerns and emergency river access for swiftwater rescue operations is included in Appendix E on page 83.

## PRIMARY RIVER ACCESS POINTS

There were many different comments during the community engagement periods about a wide variety of amenities that users wished to see at the river access launches. These amenities included: restrooms, changing areas, expanded parking, picnic areas, concessions, boat cleaning station with hoses, camping spots, drop-off locations, boat locks, and bike locks. While it is unfeasible to include these amenities at every launch, this plan recommends the establishment of primary river access points which will provide a selection of these amenities. The designation of these primary river access points can be found on the map on page 27.

## SIGNAGE

One of the proposed improvements mentioned by citizens during the community engagement surveys was to add various types of signage to the Blueway system. They mentioned wayfinding signage along the river so paddlers can know how far the next access point is, signage at take-outs, and signage for general location if paddlers need to call for emergency help. Other signage mentioned was safety signage at the launch locations to help inform paddlers of precautions to take while on the river. And lastly, there were concerns raised about how boaters interact with greenway users, specifically cyclists, while they transport their boats from parking lots to launches. This plan recommends adding signage along the greenway at launch locations, to raise awareness for greenway users that they are approaching a portage crossing and should be prepared to stop. With a recent grant from the United States Coast Guard, American Whitewater is launching a project to develop an open-source toolbox for river safety signage. Signage along the Neuse River Blueway should utilize this toolbox during design.



Delaware Water Gap National Recreation Area - River Safety Signage



Signage along Neuse River Greenway



Calusa Blueway - Mile Marker Signage



PUBLIC ART

The incorporation of public art should be considered while designing new primary river access points. Examples of opportunities include small murals or mosaics near the ramps or sewer-ups and artistically designed boat or bike racks.

This plan also recommends adding public art on some of the vehicular or greenway bridges that span the Neuse River, to improve the user experience while paddling. The public art could also supplement the need for wayfinding signage along the river.



Example of art on bridge



Example of mural on bridge

THE NEUSE RIVER GREENWAY TRAIL

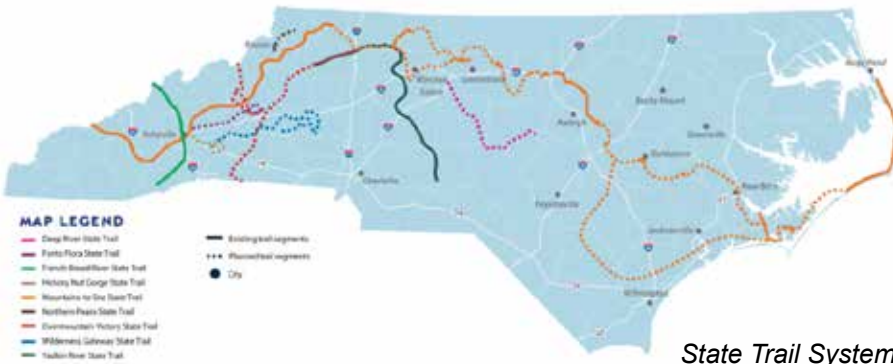
The Neuse River Greenway Trail brings many users to the area, and there is an opportunity for the Neuse River Blueway to serve the cycling, pedestrian, and paddling community together. This plan recommends building unity between the different users by hosting City of Raleigh events along the Neuse River to highlight the different experiences the river provides.



Neuse River Greenway Trail

STATE WATER TRAIL

The improvements recommended in this plan will increase the navigability and accessibility of the upper 25 miles of the Neuse River. Further access improvements downstream could position the Neuse River for designation as a State or National Water Trail.



State Trail System

PROGRAMMING

Thirty-four percent of the participants from the initial online survey indicated that they rent their paddle crafts instead of owning them. Especially with the closure of the privately-owned Paddle Creek, there is a need for boat rentals on the Neuse River. This plan recommends that the City of Raleigh look at adding this as a service they provide, along with guided tours of the river and river clean-up days. Another potential programming option to provide rental paddle crafts is to implement paddle share lockers along the river. More information about paddle share can be found at [www.paddleshare.org](http://www.paddleshare.org)



2018 Neuse River Whitewater Trip led by COR Adventure Programs



Mississippi River Paddle Share Locker



FALLS DAM

Falls Dam is the northernmost launch access on the Neuse River. The City of Raleigh leases this property from the Army Corps of Engineers and has developed a boat launch through an outgrant agreement. The City used funds from the Land and Water Conservation Fund (LWCF) to secure the lease. As part of the law requirement for LWCF, the land may not be used for any other purpose other than outdoor recreation.

The Falls Dam is one of the City’s oldest and most popular access points on the Neuse River for residents of Raleigh. The launch consists of a concrete landing and pre-cast block steps. There is no handrail and the launch is not ADA accessible.

There are 29 car parking spaces (including one handicap) and 9 trailer parking spaces in the parking lot. The Neuse River Greenway trail begins at this site and there is a demand for parking as a result of

multiple user types.

Falls Dam is located at the beginning of the Neuse River Blueway. It should be recognized as a primary launch location and should be able to accommodate more patrons than it currently serves. An increase in parking is recommended on the adjacent undeveloped park property known as the Leonard Tract. The Leonard Tract does not currently have a master plan but it’s planning and development should be prioritized.

The United States Army Corps of Engineers (USACE) has expressed a strong interest in seeing additional restroom facilities developed at this location, to reduce the burden on the existing restroom facilities west of the Falls of Neuse Road bridge. Additionally, USACE has previously recommended the construction of a wooden boat slide alongside the existing concrete steps, in order to ease river access and reduce potential damage to kayaks and canoes.



Existing Boat Launch



Existing Boat Launch Parking

SITE SUMMARY

EXISTING LAUNCH: CONCRETE LANDING & PRE-CAST BLOCK STEPS

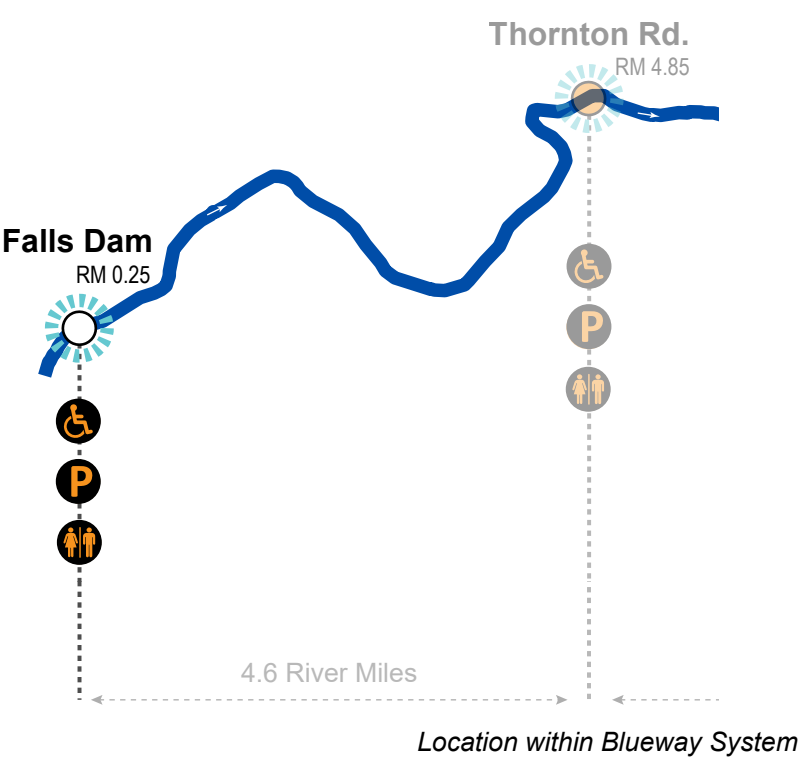
EXISTING PARKING: 39 SPACES

SITE CONCERNS: LAUNCH DAMAGES BOATS & LIMITED PARKING

PROPOSED IMPROVEMENTS:

SHORT TERM: IMPROVE LAUNCH FOR INCREASED SAFETY AND ACCESSIBILITY—EVALUATE SITE FOR FEASIBILITY OF CONCRETE RAMP OR BOAT SLIDE

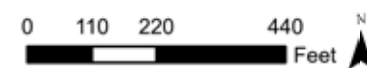
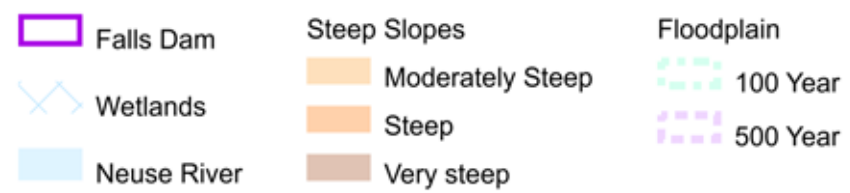
LONG TERM: DEVELOP ADDITIONAL FACILITIES IN COORDINATION WITH FUTURE MASTER PLANNING AND SITE DEVELOPMENT



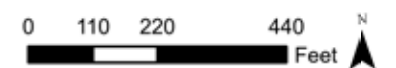




Existing Conditions - Natural Amenities



Existing Conditions - Infrastructure










Concrete Ramp Launch Example



Wooden Boat Slide Example



Proposed Improvements

-  Falls Dam
-  Proposed Launch Improvements
-  Existing Site Circulation





FALLS PARK ON THE NEUSE RIVER  
(FORMERLY KNOWN AS FALLS WHITEWATER PARK)

The development of a whitewater park in the Neuse River below Falls Dam has been in consideration since construction began on Falls Dam in 1978. A feasibility study completed in March 2011 resulted in a conceptual plan for the proposed whitewater park to be developed within a span of approximately 600 feet of the Neuse River, beginning in the southern channel of the river immediately east of the Falls of Neuse Road bridge.

Access improvements proposed in the Falls Park on the Neuse River conceptual plan include a new put-in just upstream of the Falls of Neuse Road bridge and a take-out at the downstream-most pool at the end of the whitewater improvements. Additional river access at various points along the whitewater course, together with a hardened area at the waters edge along the southern bank, would allow for broader access by the general public in addition to whitewater paddlers. The conceptual plan also proposed additional restroom facilities, parking, and improvements to accessibility and circulation.

A Memorandum of Understanding (MOU) was executed in July 2012 between the City of Raleigh and the Falls Whitewater Park Committee (FWPC), which memorialized an agreement “to work together to plan for the construction of a whitewater park on the Neuse River downstream of Falls Lake, including a portion of the area currently managed by the City as the Falls Dam Access on the Neuse River Canoe Trail... Planning for the park will include assessment of opportunities to incorporate existing and proposed features such as picnic shelters, comfort stations, trails, and adjacent wooded areas.”

These improvements may be considered or further evaluated in the context of a master plan and development of the Leonard Tract Property (alternatively referred to as Falls Park), but are considered outside of the scope of the present Neuse River Blueway Plan. At this time, sufficient funding is not available to pursue further design, environmental assessment & permitting, or construction of the proposed whitewater features and associated park improvements. The 2012 Memorandum of Understanding also states that, “The FWPC is the designated fiscal agent for the project, meaning that the FWPC has agreed to be responsible for fundraising and solicitation of other resources including grants, in-kind contributions, and corporate donations necessary for construction of the Park. The FWPC makes no guarantees of any kind as to how much money it will be able to raise for the Park. Moreover, FWPC, as a new non-profit entity, has no source of funds of its own that it can provide for the construction of the Park. FWPC agrees to investigate multiple avenues of raising funds and to seek, at its own expense, 501(c)(3) status. This agreement does not preclude the opportunity for the City to also seek funding for the Park.”





THORNTON ROAD

Thornton Road Property is an undeveloped park acquired by the City of Raleigh in 1996. This location is extremely important to the Neuse River Blueway system because it is the closest public river access point downstream of the Falls Dam launch. Because the Falls Dam launch is likely the most heavily used river access point, it is essential to provide a take-out location within a reasonable distance of this put-in.

Historically, there was a take-out available at the Capital Boulevard bridge over the Neuse River, approximately one quarter-mile upstream of the Thornton Road Property. Although heavily used, this take-out location was on private land leased by Paddle Creek, a kayak tour and rental company. As of November 2020, Paddle Creek is no longer operating at this location. A public access point in this vicinity is essential to providing shorter paddling trips along this section of the Neuse River, which are ideal for casual or novice paddlers.

The existing gravel parking area at Thornton Road currently accommodates approximately 60 vehicles. An asphalt trail provides a connection from the parking lot and the Neuse River Greenway Trail to a natural beach boat launch.

However, the distance from the parking lot to the beach boat launch is approximately one half-mile. This is an unfeasible portage distance for most paddlers to walk carrying their watercraft, although experienced paddlers with lighter boats do use this natural beach as a river access point.

A launch closer to the existing parking with a drop-off option is recommended so this site can be used by a wider range of boaters. Thornton Road is recommended to be developed as a primary access point, and future master planning of this site should consider additional amenities such as restroom access in order to support heavy use of this site for river access.



Existing Beach Boat Launch



Existing Parking



SITE SUMMARY

EXISTING LAUNCH: BEACH LAUNCH

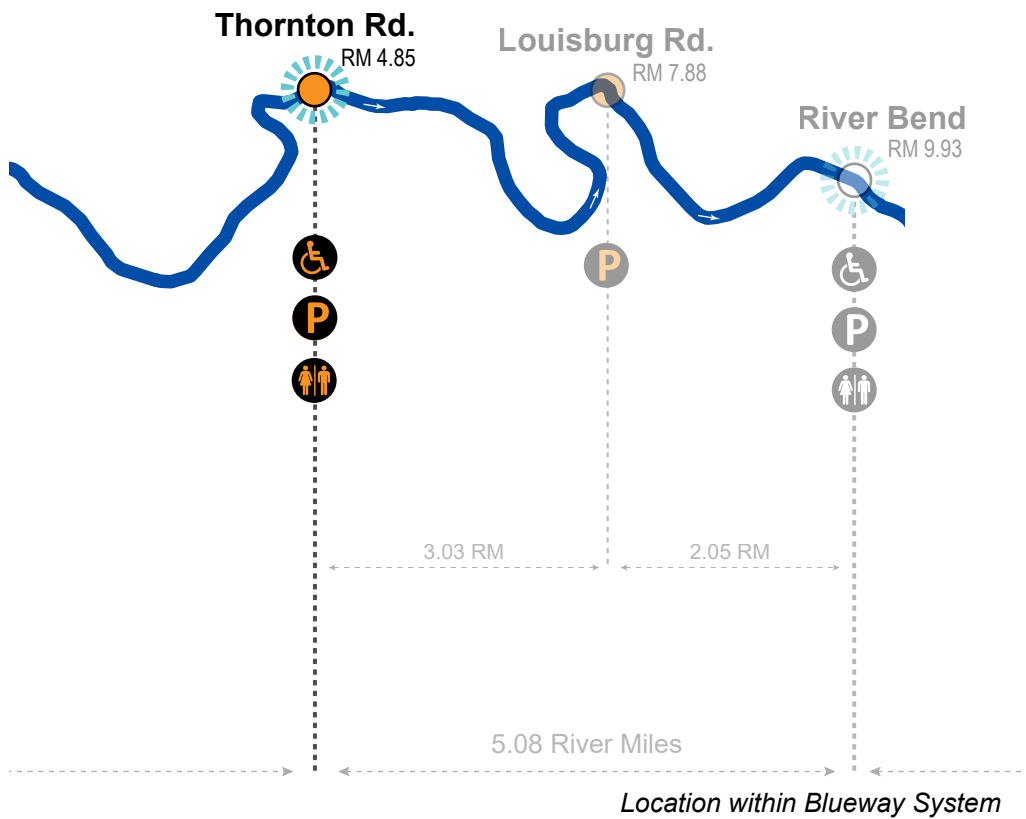
EXISTING PARKING: 60 SPACES

SITE CONCERNS: UNFEASIBLE PORTAGE DISTANCE

PROPOSED IMPROVEMENTS:

SHORT TERM: DEVELOP NEW CONCRETE RAMP LAUNCH IN PARTNERSHIP WITH WILDLIFE RESOURCE COMMISSION

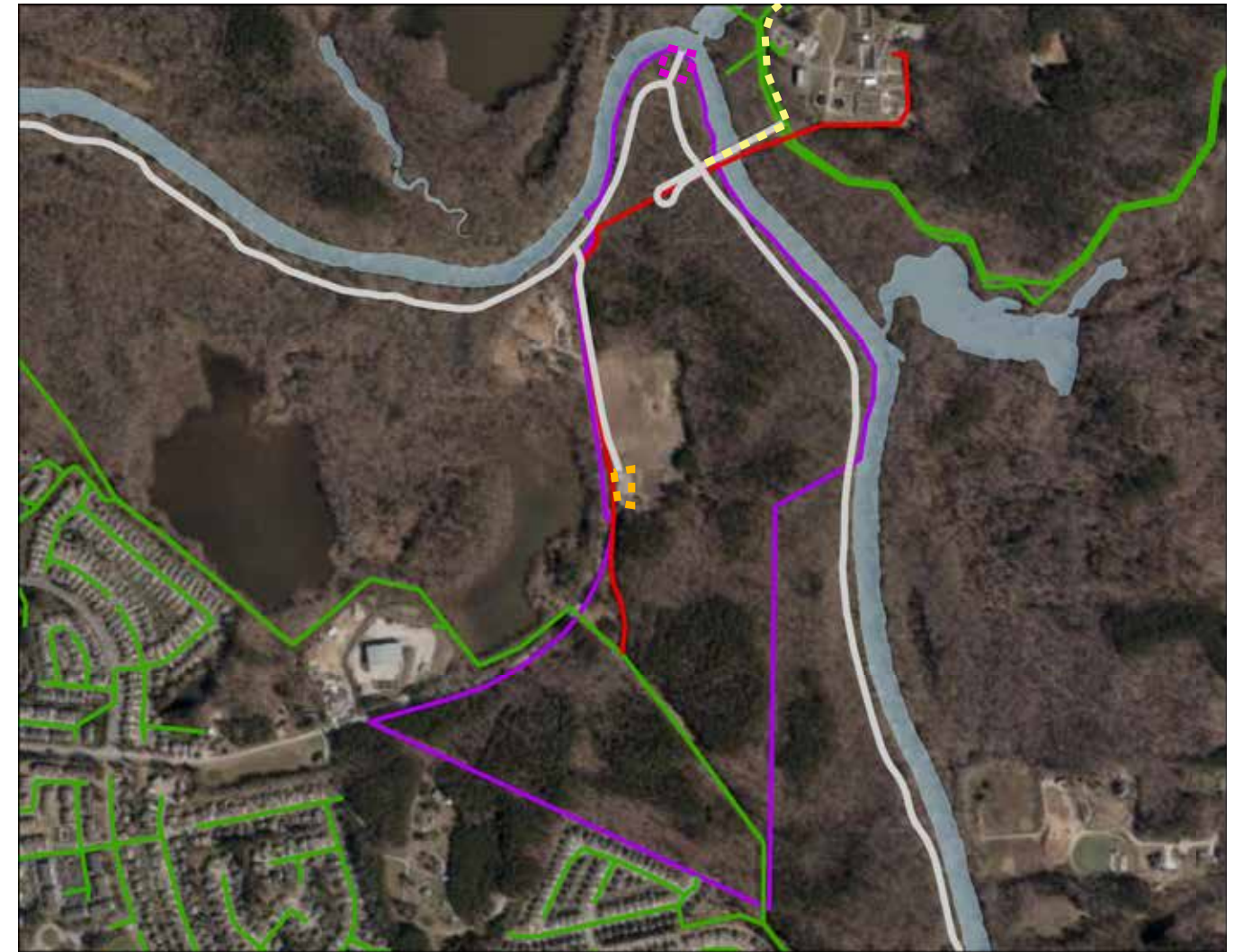
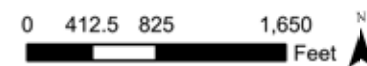
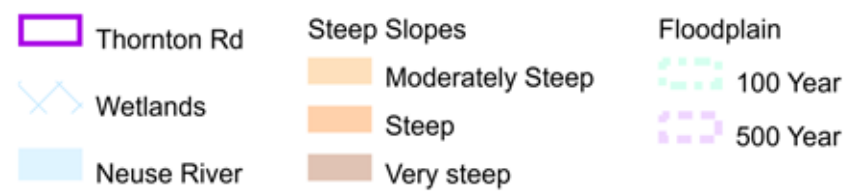
LONG TERM: DEVELOP ADDITIONAL FACILITIES IN COORDINATION WITH FUTURE MASTER PLANNING AND SITE DEVELOPMENT



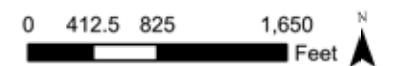




Existing Conditions - Natural Amenities



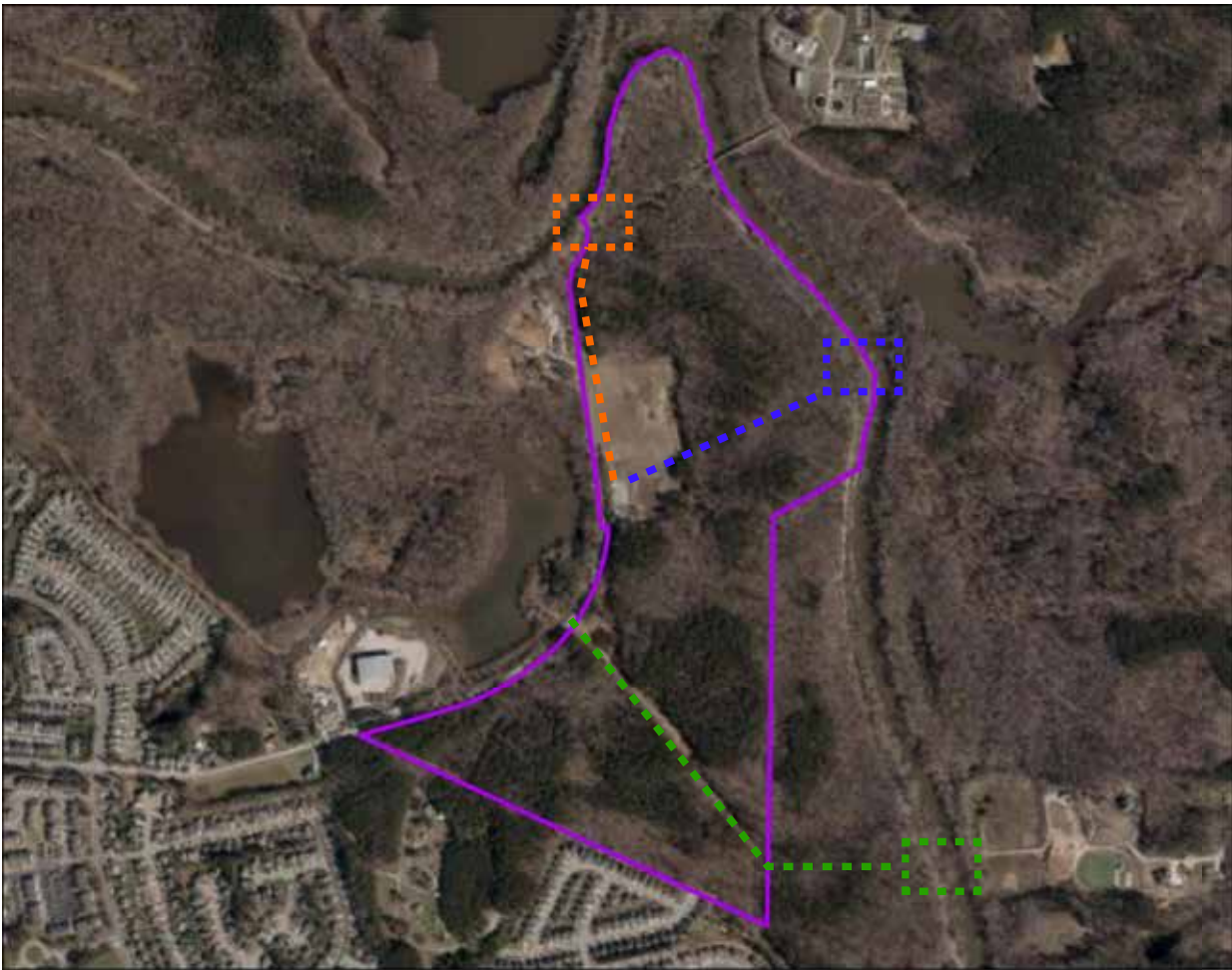
Existing Conditions - Infrastructure





Several alternative locations for this boat launch were evaluated at a City of Raleigh Development Services Sketch Plan Review in November 2019. Of the three locations pictured below, Option B was chosen as the preferred alternative. The river bank at this location is less steep relative to other areas considered on this property. This location can be accessed from the existing gravel lot with minimal disturbance to natural features on the site, and minimal interference from the existing sewer infrastructure in this location. The new launch may include a trailer turnaround area, accessible parking located at the launch site, and development of a concrete boat launch suitable for use by the Wildlife Resources Commission.

Raleigh Park, Recreation and Cultural Resources has established a partnership with Wildlife Resources Commission for implementation of an improved boat launch at Thornton Road. The benefit of this project for Wildlife Resources Commission is that the location of the boat launch on the river will provide ideal access for their fish monitoring program and provide an ADA accessible launch for boaters. WRC recently designed and constructed a similar type of boat launch on the Neuse River in Smithfield, NC, pictured below.



Potential Launch Options

Thornton Rd	Option A
	Option B
	Option C



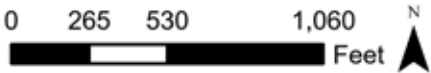
WRC boat launch on the Neuse River, Smithfield, NC





Proposed Improvements

- Thornton Rd
- Proposed New Launch
- Proposed Additional Site Circulation





LONG-TERM POTENTIAL RIVER ACCESS DEVELOPMENT

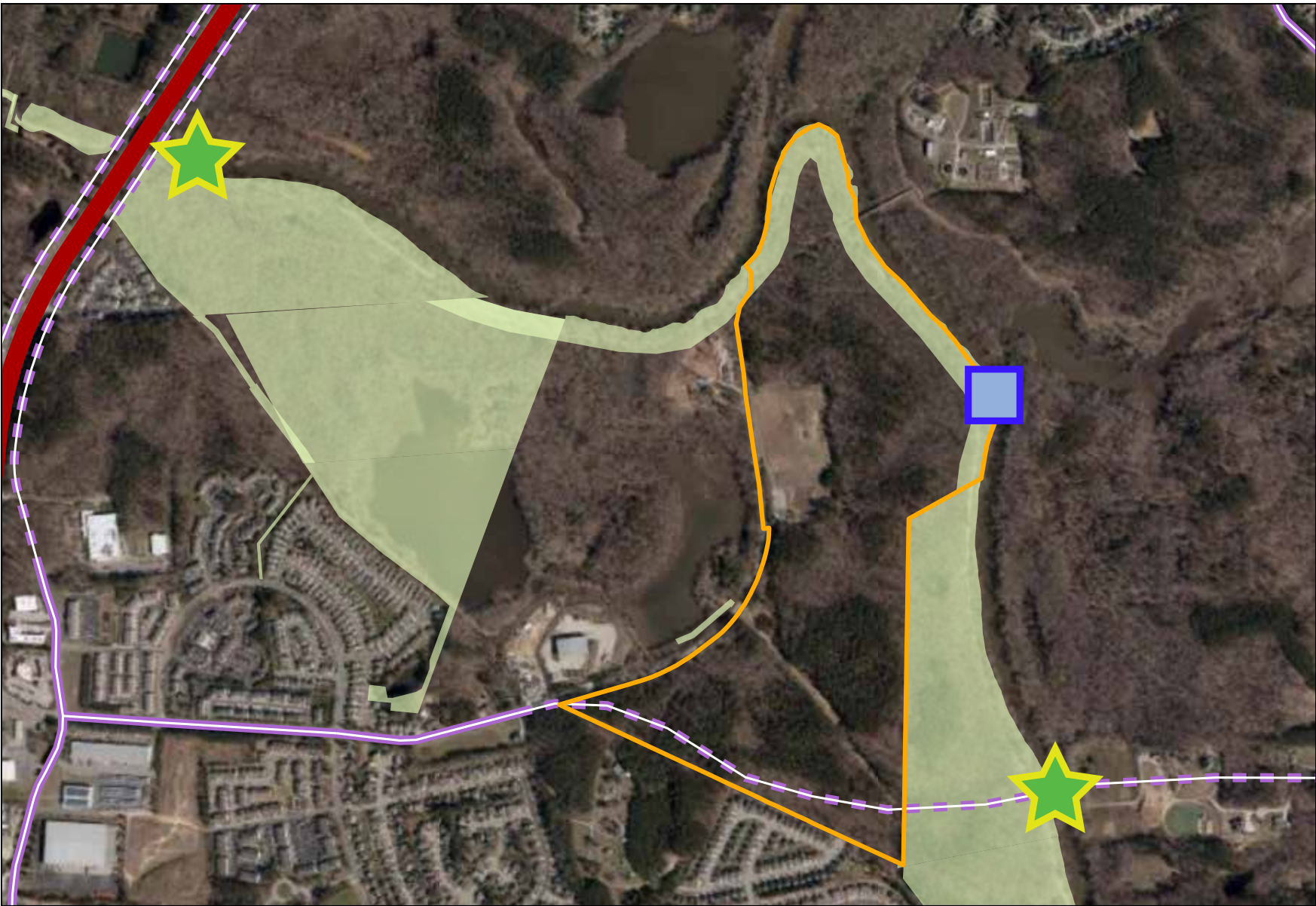
There are two opportunities for river access development near the Thornton Rd. Property but would have to be considered as long-term projects. These projects have the potential to increase access in the area and provide for shorter trips along the Upper Neuse River.

The first opportunity is within the City of Raleigh greenway properties along the southeast border of the Thornton Rd. property. The site recommended for a river access launch overlaps with the future planned development of a two-lane avenue that will traverse the Neuse River. Once the alignment is finalized, the Parks, Recreation and Cultural Resources Department should work with the Transportation Department to assess feasibility of a river access launch adjacent to the bridge.

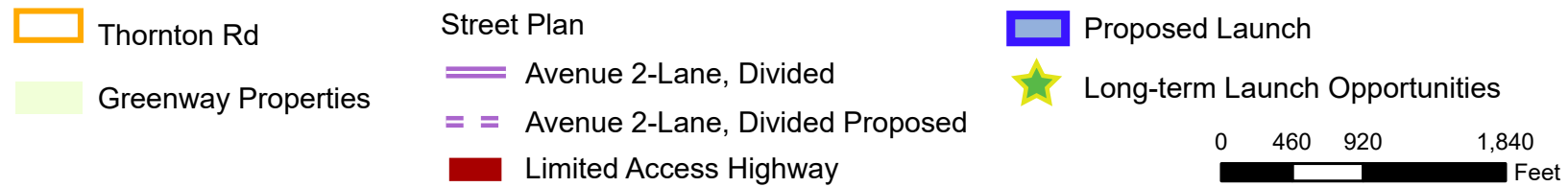
The second opportunity is on the City of Raleigh greenway properties adjacent to the US-1 bridge over the Neuse River. NCDOT has a planned project to convert US-1 to a freeway which would include construction of a new bridge, and the construction of parallel access roads to facilitate this conversion. The southeastern access road would be located within the greenway properties and could potentially facilitate a river access point. The City of Raleigh should work with NCDOT and assess the feasibility of this potential access as the project moves forward.

These new access points would provide the following distances for shorter trips along the Neuse River.

Access Point	River Mile	Distance from Previous Launch
Falls Dam	0.25	-
US-1 Bridge	3.4	3.15 miles
Thornton Rd. Property	4.85	1.45 miles
Thornton Rd. Bridge	5.36	0.51 miles
Louisburg Rd. Property	7.88	2.52 miles



Proposed Improvements





LOUISBURG RD. PROPERTY

During the community engagement phase of the Neuse River Blueway Plan process, several participants expressed a desire for a river access point to be developed at Horseshoe Farm Nature Preserve. The original master plan for Horseshoe Farm Nature Preserve included a canoe/kayak launch to be located adjacent to a proposed greenway trail bridge along the site’s eastern riverbank.

Subsequent construction of the Neuse River Greenway Trail located this greenway bridge adjacent to the Louisburg Road bridge, approximately 0.4 miles downstream. Construction of a canoe/kayak launch at this location is not feasible. Additional opportunities were evaluated for providing direct river access at Horseshoe Farm, but due to the potential for construction to disrupt the sensitive riparian ecology of the Nature Preserve, several alternatives were identified.

The Louisburg Rd. property was chosen for it’s proximity to the Horseshoe Farm Nature Preserve, and it’s already semi-disturbed state. The Louisburg Rd. property was acquired by PRCR in 2000 to facilitate construction of the the Neuse River Greenway Trail. This site is recommended to be developed as a secondary launch location in coordination with development of a greenway trailhead parking area. The Louisburg Road site consists of two adjacent parcels. There is currently a small clearing in the smaller parcel, immediately off of Louisburg Road, that is used by PRCR maintenance staff for greenway trail access. Since this parcel is less than two acres, not in the floodplain, and is already disturbed, it is a great candidate for location of a small parking lot. Exact boat launch location and design should be determined during a subsequent planning process. More information on planning for specific launch types can be found in Appendix C on page 78.



Horseshoe Farm Nature Preserve Master Plan

SITE SUMMARY

EXISTING LAUNCH: UNDEVELOPED

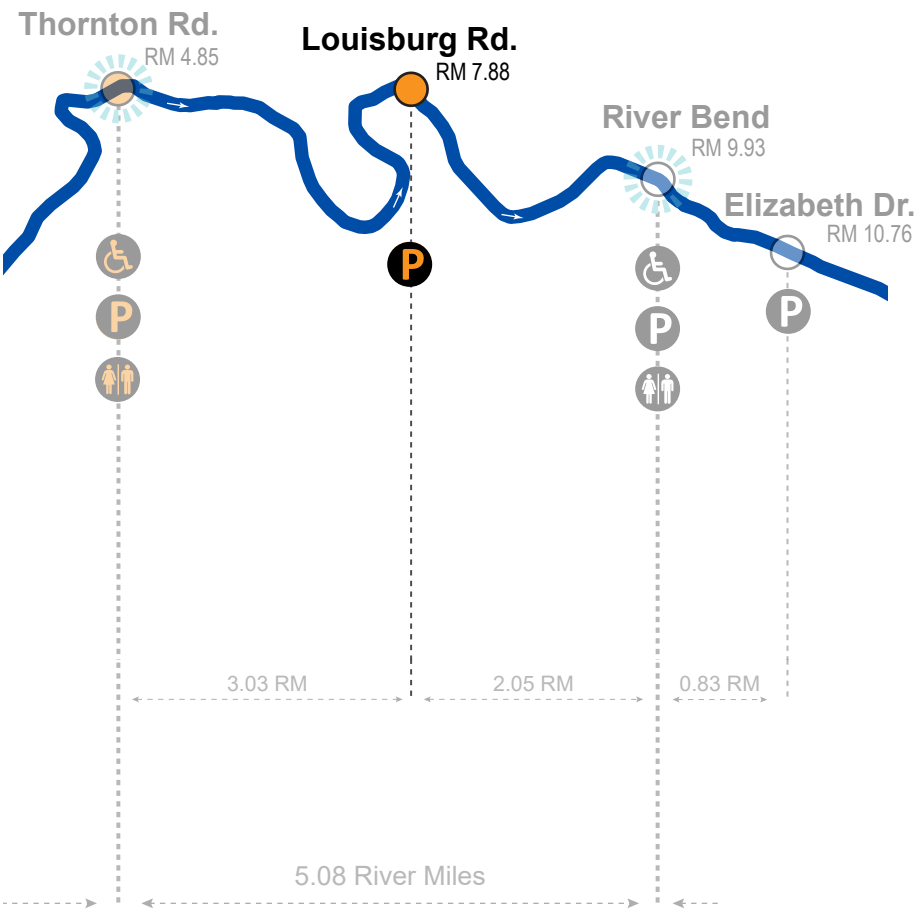
EXISTING PARKING: UNDEVELOPED

SITE CONCERNS: N/A

PROPOSED IMPROVEMENTS:

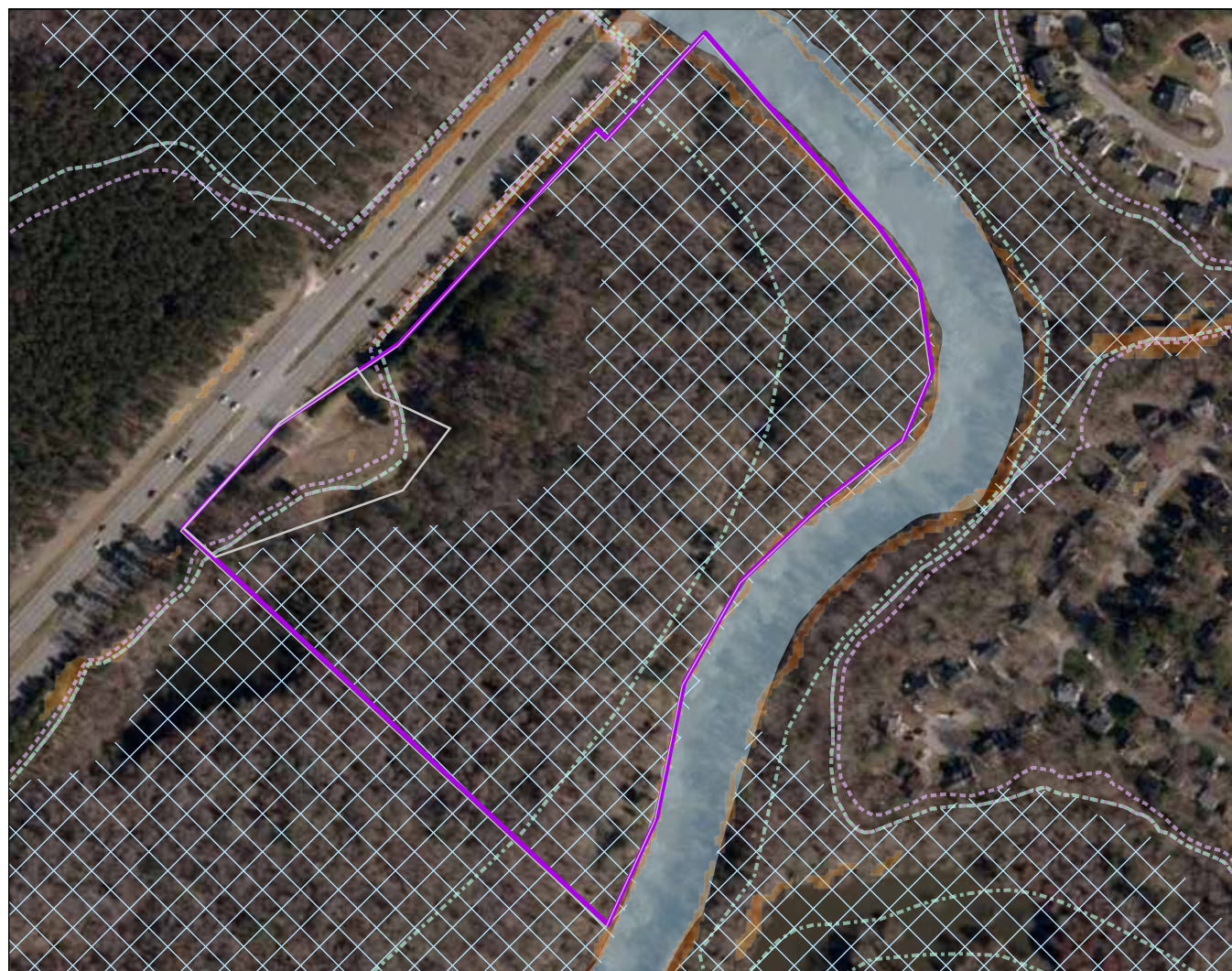
SHORT TERM: N/A

LONG TERM: DEVELOP SITE FOR ADDITIONAL GREENWAY TRAILHEAD PARKING AND RIVER ACCESS IMPROVEMENTS

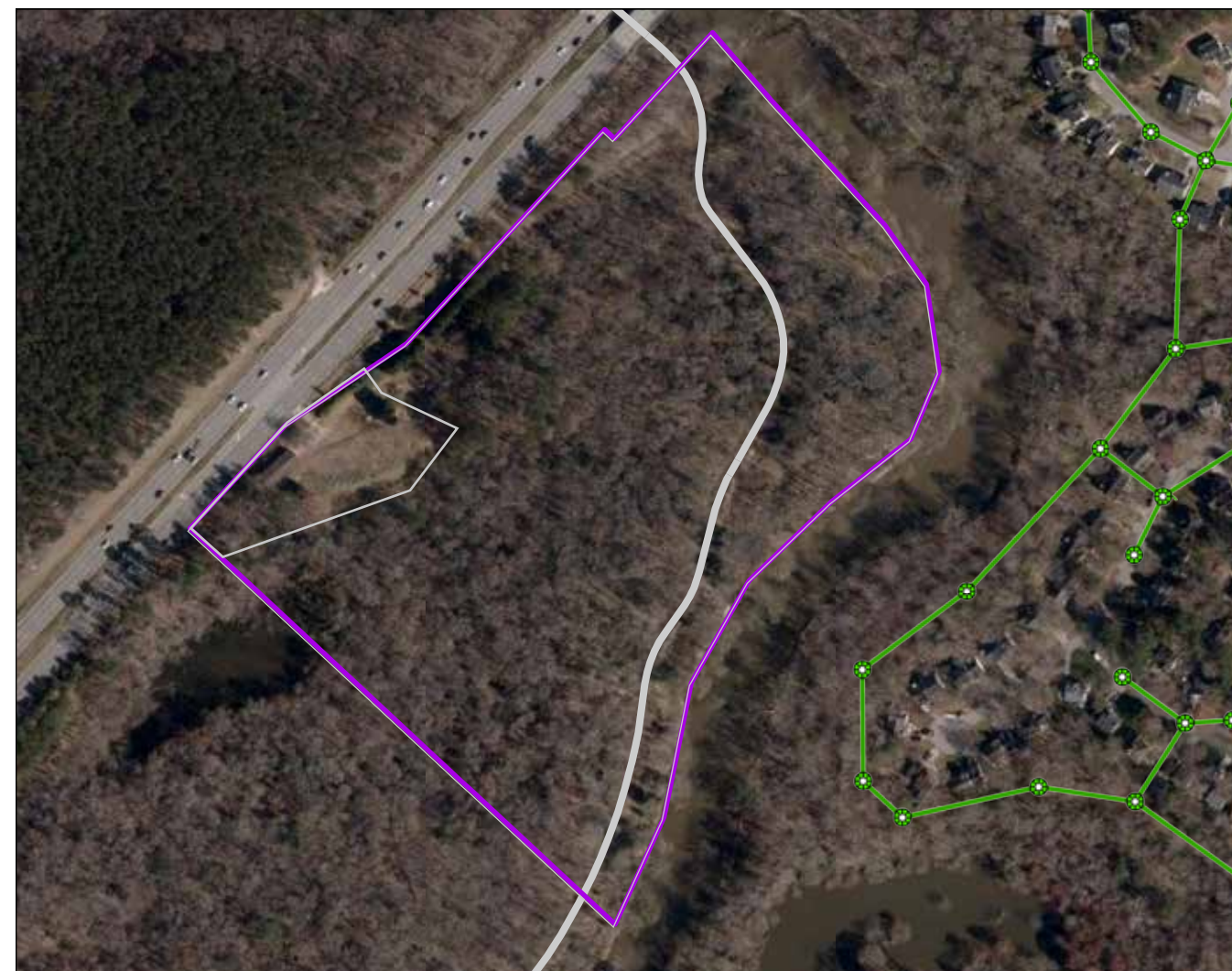
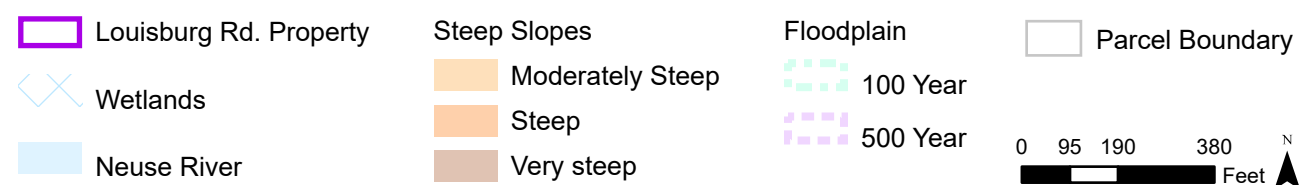


Location within Blueway System

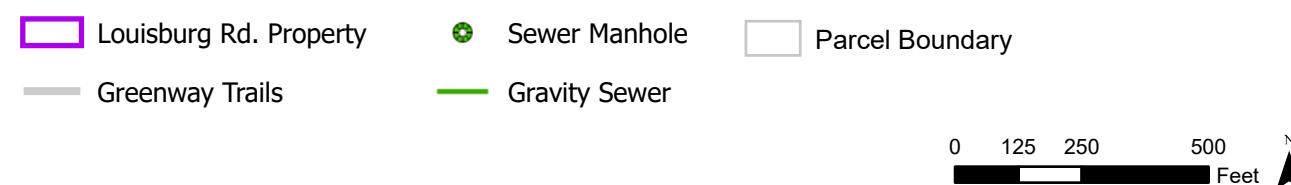




Existing Conditions - Natural Amenities



Existing Conditions - Infrastructure





RIVER BEND PARK

River Bend Park, formerly known as the Perry Creek Road Property, was acquired by the City of Raleigh in 2012. Acquisition and development of the property was included in the 2014 Parks Bond. The master plan for River Bend Park was adopted by City Council in 2016. Priority items for implementation of Phase 1 Development include a comfort station, parking lot with 67 spaces, a boat launch and a play area.

The park completed construct in November 2020. This plan does not include proposed improvements since the launch was just opened.

The River Bend Park is a primary river access point and includes a drop-off, ADA accessible launch, and a comfort station with changing rooms. The boat launch at River Bend is approximately 350 feet away from the drop-off area. Site topography allowed for a restroom to be built fairly close to the launch and Neuse River Greenway Trail. This is not possible at many other locations due to floodplain restrictions. The launch design at River Bend Park includes a 10' asphalt trail leading to the 12' wide concrete launch. The launch is armored with 18-30" diameter boulders on each side in effort to limit the impacts of erosion. The maximum slope leading to the kayak launch is 15%. Permits for River Bend Park included coordination with NCDEQ, USACE and City of Raleigh Development Services.

- SITE SUMMARY
- EXISTING LAUNCH: CONCRETE RAMP
- EXISTING PARKING: 67 SPACES
- SITE CONCERNS: NONE - COMPLETED NOV. 2020
- PROPOSED IMPROVEMENTS:
- NONE - COMPLETED NOV. 2020



Existing Boat Launch- taken after a flooding event



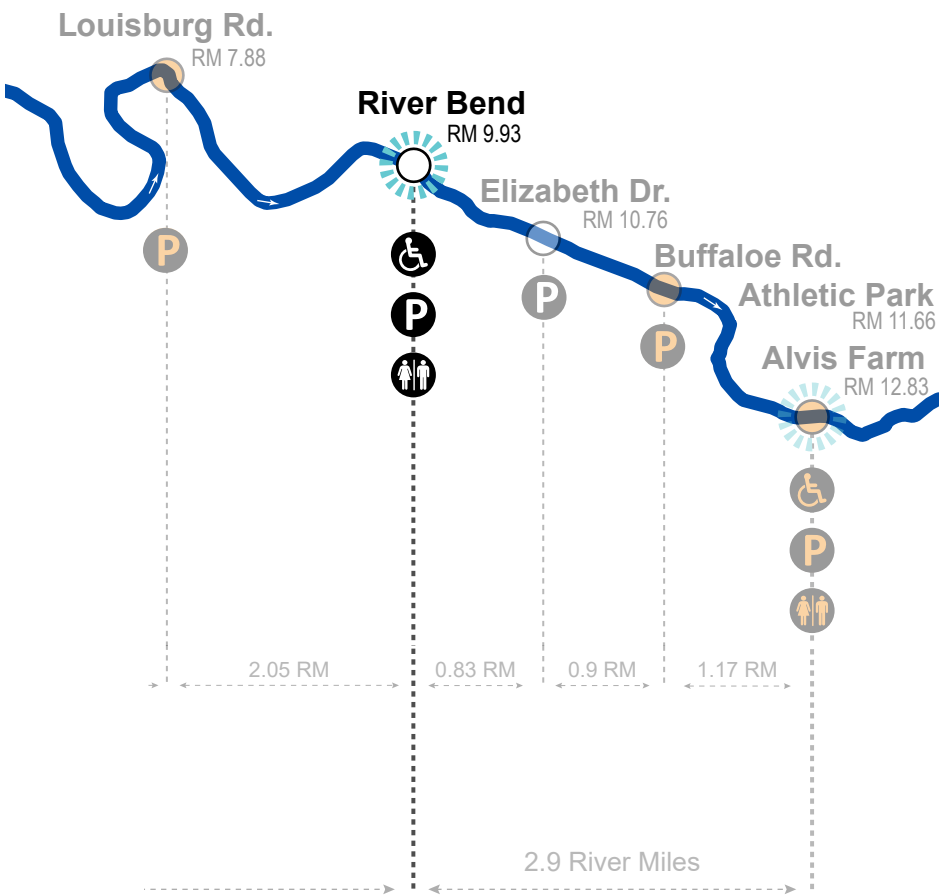
Existing Boat Launch- taken at relatively high river levels of 1520 cfs



Park Master Plan - Boat Launch Detail



Existing Comfort Station & Changing Rooms

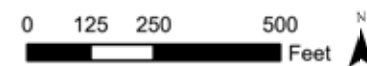
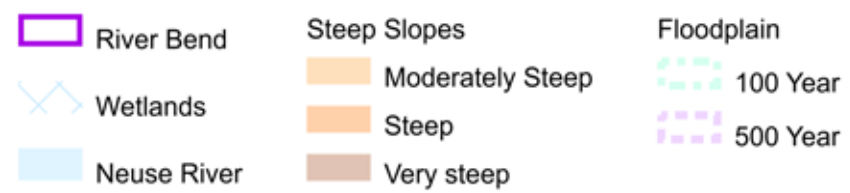


Location within Blueway System

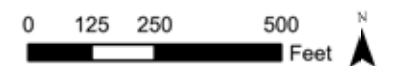
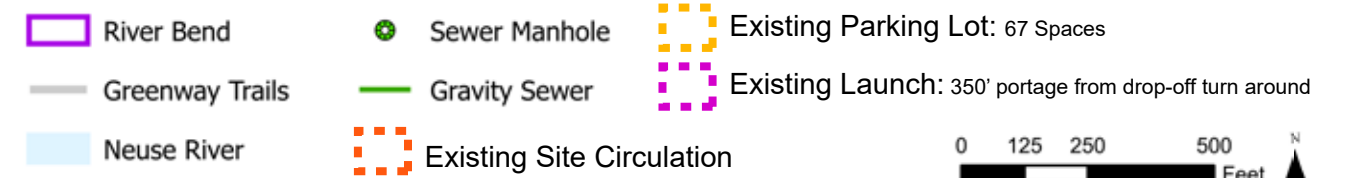




Existing Conditions - Natural Amenities



Existing Conditions - Infrastructure





ELIZABETH DRIVE

The Elizabeth Drive Canoe Launch is located on a 1-acre greenway easement parcel south of the Buffalo Road and Neuse River intersection. The property was acquired in 1988 and developed with LWCF funds in 1998. There are 7 parking spaces in the lot and this launch access has one of the shortest portages throughout the system, with users only having to carry paddlecraft for 175 feet before reaching the Neuse River. The launch is located 1/2 mile north of Buffalo Road Athletic Park.

Many users find the current launch too muddy and slippery. It is suggested that improvements be made to the launch to decrease erosion & sedimentation and to improve traction.

Expanded parking at Elizabeth Dr. is not feasible due to the limited size of the property. Without being able to expand parking on this site, the next best solution is to develop nearby launches to help divert the heavy usage along this section of the river. The recent development of River Bend Park just 0.8 river miles upstream should replace Elizabeth Drive as the preferred river access point along this section. In the future, the Elizabeth Drive site may become obsolete as a river access point, once formal launches are developed downstream at Buffalo Road Athletic Park and/or Alvis Farm. At that time, the Elizabeth Drive river access point may be phased out and the riverbank returned to its natural state.



Existing Boat Launch



Existing Boat Launch Parking

SITE SUMMARY

EXISTING LAUNCH: NATURAL LAUNCH

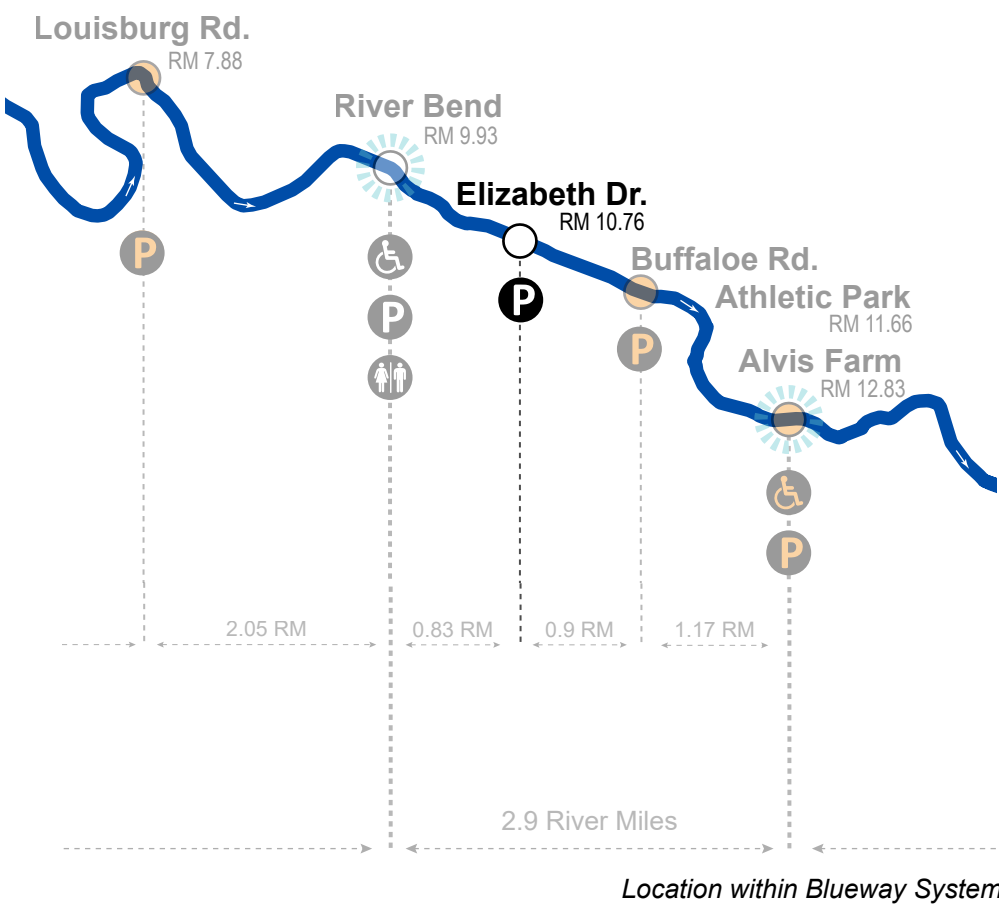
EXISTING PARKING: 7 SPACES

SITE CONCERNS: LIMITED PARKING & MUDDY LAUNCH

PROPOSED IMPROVEMENTS:

SHORT TERM: IMPROVEMENTS AT LAUNCH TO DECREASE EROSION & SEDIMENTATION AND TO IMPROVE TRACTION

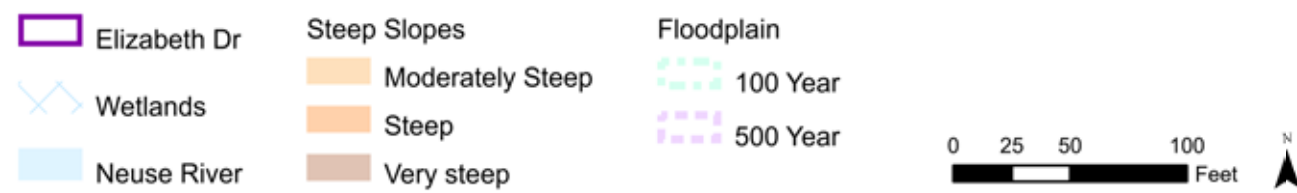
LONG TERM: PHASE OUT THIS LOCATION AFTER A NEW PERMANENT RIVER ACCESS POINT IS ESTABLISHED NEARBY AT BUFFALOE ROAD ATHLETIC PARK OR ALVIS FARM







Existing Conditions - Natural Amenities



Existing Conditions - Infrastructure

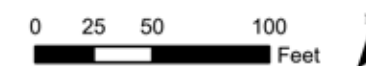






### Proposed Improvements

- Elizabeth Dr
- Launch Improvements
- Existing Site Circulation



# BUFFALOE ROAD ATHLETIC PARK

The City of Raleigh acquired the land for Buffalo Road Athletic Park in 2001, following the 1995 Parks Bond Referendum that included a “Comprehensive Athletic Facility”. In the original master plan that was approved by City Council in 2000, future river access is included. Phase 1 of the park was developed in 2001 and included athletic fields, a track, parking and a maintenance facility. Future development will include softball fields, a play area, a greenway trail, multi-purpose fields, a dog park and river access. In 2008, the Buffalo Road Athletic Park Master Plan was amended to also include an aquatic center and a competition pool. Buffalo Road Aquatic Center was built in 2003 and the Dog Park in 2018.

Development of a river access point at Buffalo Road Athletic Park, as anticipated in the adopted master plan, would provide an alternative to use of the Elizabeth Drive location. Due to the limited availability of parking and other site constraints at the Elizabeth Drive location, a river access point at Buffalo Road Athletic Park would offer many advantages to paddlers and programming opportunities for the City of Raleigh Parks, Recreation and Cultural Resources Department.

For example, Buffalo Road Athletic Park could be considered for the development of overnight camping facilities, due to site’s accessibility to emergency and fire services.

The Neuse River Blueway Plan recommends development of a “Primary River Access” launch type and amenities at either Buffalo Road Athletic Park or the nearby Alvis Farm Property. Primary access points, established at key nodes along the river, should be designed for heavy use and will include features such as restroom access, expanded parking, and ADA-accessible launch designs where feasible. Primary access points should be capable of accommodating vehicles and trailers for the launching of power boats used by the Wildlife Resources Commission and emergency services. At this time, it is recommended that Alvis Farm is developed with the full complement of Primary River Access features, due to its location relative to other Primary access points and the opportunity to design and construct the launch in coordination with new master plan development. Buffalo Road Athletic Park is designated in the Blueway Plan as a Secondary access point. However, future planning and other considerations may lead to Buffalo Road Athletic Park as a candidate for Primary Access designation and development.



## SITE SUMMARY

EXISTING LAUNCH: UNDEVELOPED

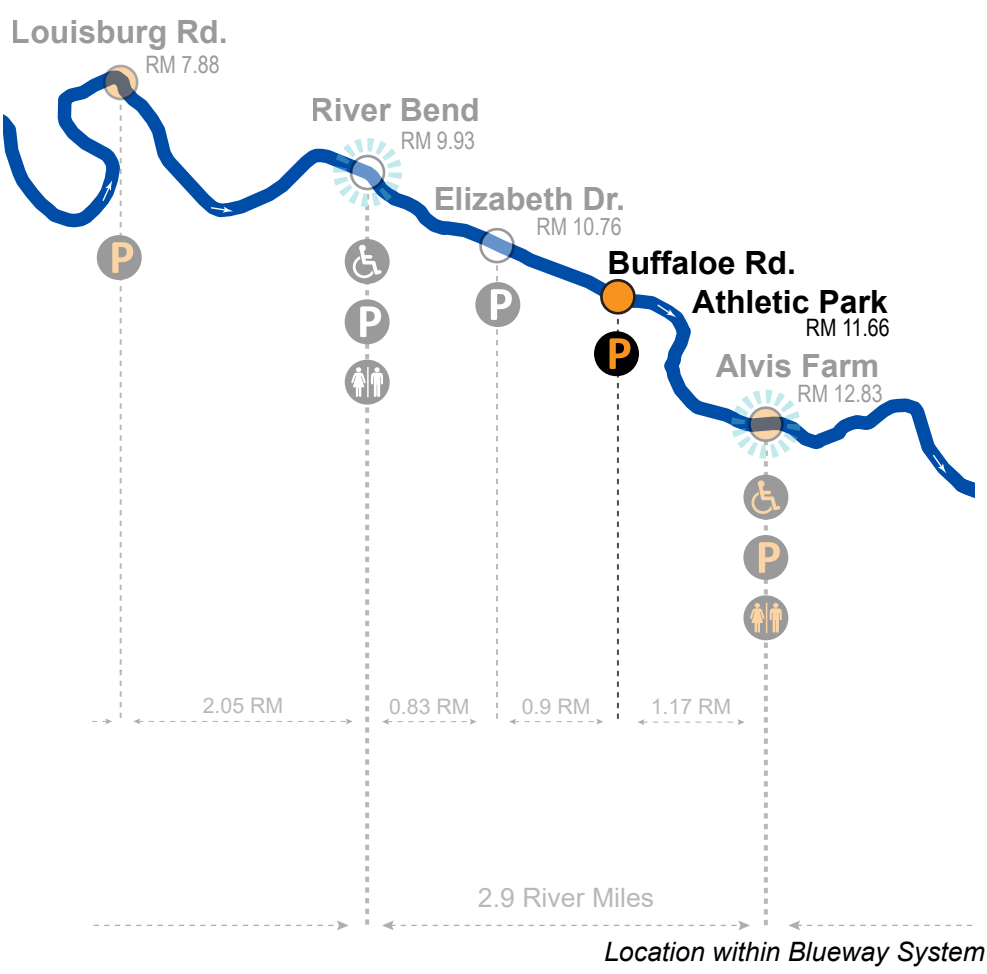
EXISTING PARKING: UNDEVELOPED

SITE CONCERNS: N/A

## PROPOSED IMPROVEMENTS:

SHORT TERM: N/A

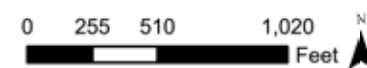
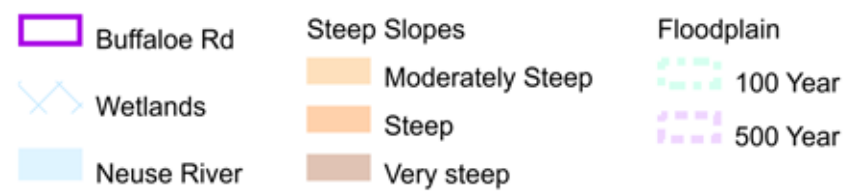
LONG TERM: DEVELOP NEW LAUNCH AND ADDITIONAL FACILITIES IN COORDINATION WITH FUTURE MASTER PLANNING AND SITE DEVELOPMENT



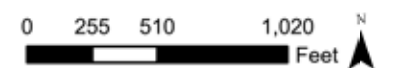
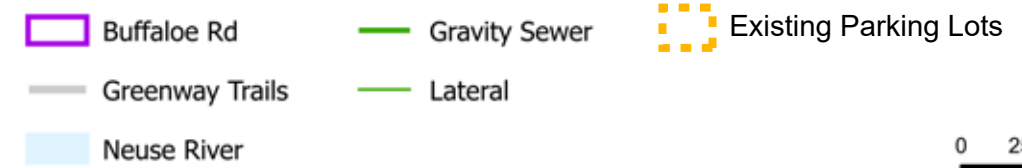




Existing Conditions - Natural Amenities







Existing Conditions - Infrastructure

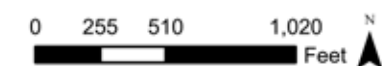






### Proposed Improvements

-  Buffalo Rd
-  Proposed Launch Location
-  Proposed Parking Location
-  Proposed Site Circulation





ALVIS FARM

Alvis Farm is a 100-acre undeveloped park property made up of several contiguous parcels a half-mile south of Buffalo Road Athletic Park on the Neuse River. The property is undeveloped except for an existing Greenway Trail that runs north-south along the river. This future park property has not yet been master planned, and so there is no current guidance for the development of facilities at this site. The 2007 System Integration Plan will assist City of Raleigh staff in interim management, site analysis, and future planning and development. The Neuse Rive Blueway Plan recommends that Alvis Farm should be planned and developed as a Primary river access point and should plan in the future to provide additional amenities to support that use. These amenities could include parking, ADA accessibility, a comfort station, a boat drop-off, and camping. Primary access points should be designed to accommodate vehicles and trailers for the launching of power boats used by the Wildlife Resources Commission and emergency services. The feasibility of these amenities should be assessed through the site’s master plan, and community engagement during that process should confirm support for the recommended improvements in the Neuse River Blueway Plan.



Existing Greenway Trail

SITE SUMMARY

EXISTING LAUNCH: UNDEVELOPED

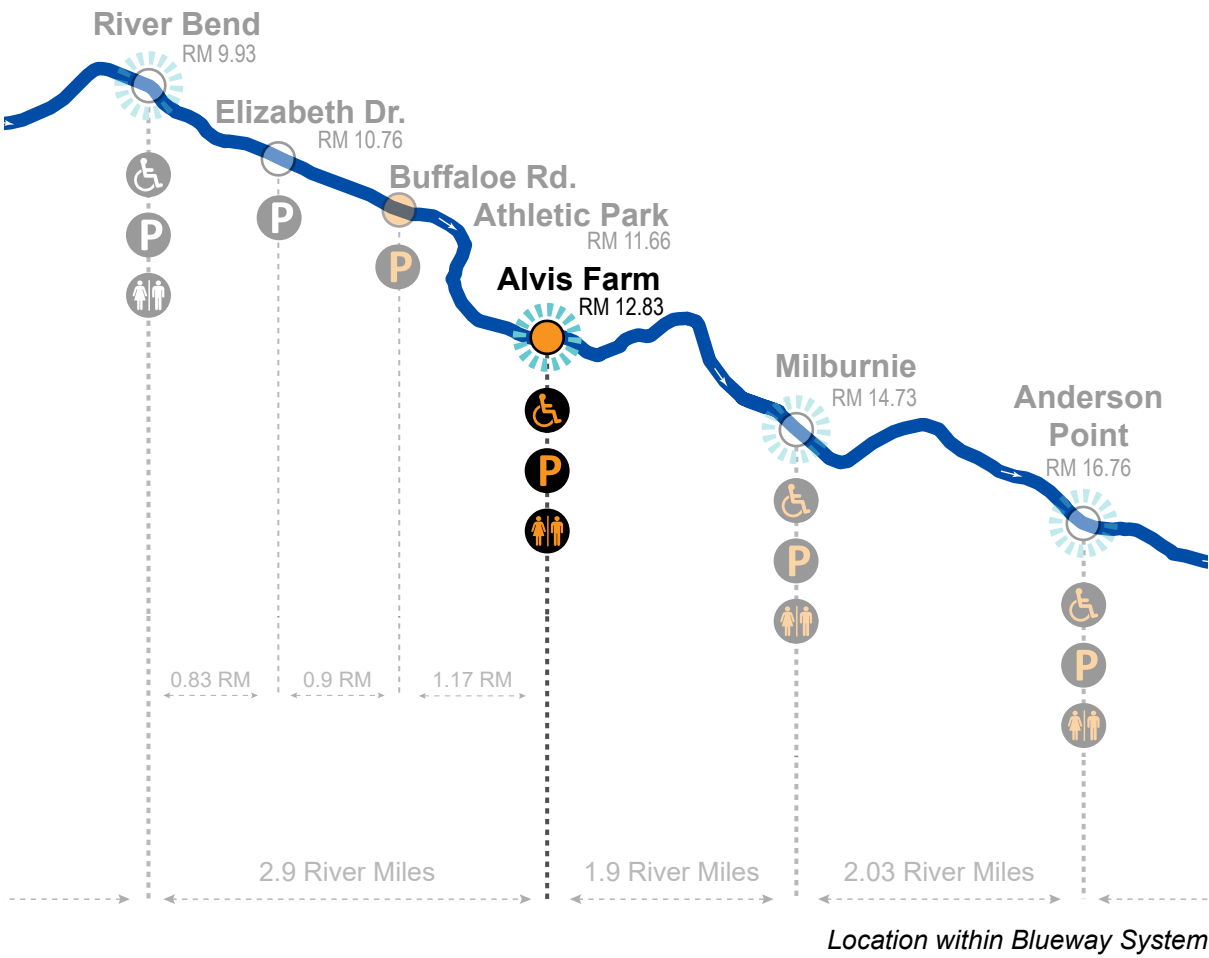
EXISTING PARKING: UNDEVELOPED

SITE CONCERNS: N/A

PROPOSED IMPROVEMENTS:

SHORT TERM: N/A

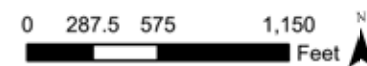
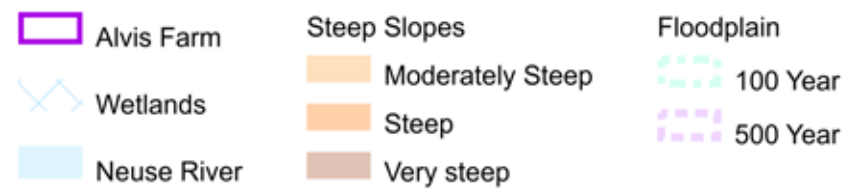
LONG TERM: DEVELOP NEW LAUNCH AND ADDITIONAL FACILITIES IN COORDINATION WITH FUTURE MASTER PLANNING AND SITE DEVELOPMENT



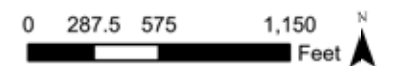
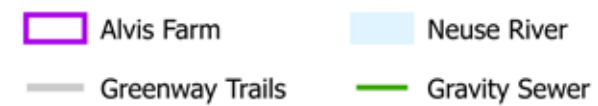




Existing Conditions - Natural Amenities



Existing Conditions - Infrastructure





More information on planning for specific launch types can be found in Appendix C on page 78.



Proposed Boat Launch Location



Proposed Improvements

- Alvis Farm
- Proposed Launch
- Proposed Site Circulation





MILBURNIE PARK

The three parcels that make up Milburnie Park (86 acres formerly known as Neuse River Park East and West) were acquired by the City of Raleigh in 1992, 1993 and 2001. In the Neuse River Regional Park Master Plan adopted in 1996, objectives of the plan at that time included detailed development of a master plan for Milburnie Park with the goal of providing unique outdoor recreation and greenway access. The master plan is mainly focused on river recreation but also traditional recreation with sport fields and a gymnasium.

On the western parcel, there is an asphalt parking lot that serves the Neuse River Greenway Trail with 20 parking spaces. The distance from the parking lot to the river is approximately one-third of a mile, and is therefore not as popular of a launch site. On the eastern parcel, a sand parking lot with 8 trailer spaces is only 180 feet from the river. The driveway to this parking lot is very narrow and many users find it dangerous to drive on. There is a large sandy beach area on the eastern parcel, referred to as “Raleigh Beach”.

Before the Milburnie Dam was removed in 2017, paddlers would have to portage around it. With it’s removal, paddlers can now enjoy this section of the Neuse River uninterrupted.

Previous planning efforts have identified this site as a desirable location for improved river access. Future development of this site will require an updated master plan, however the inclusion of river access improvements should be incorporated into any future planning activities. Milburnie Park should be prioritized to be planned and developed.



Existing Western Beach Boat Launch



Existing Eastern Beach Boat Launch - “Raleigh Beach”

SITE SUMMARY

EXISTING LAUNCH: BEACH LAUNCH

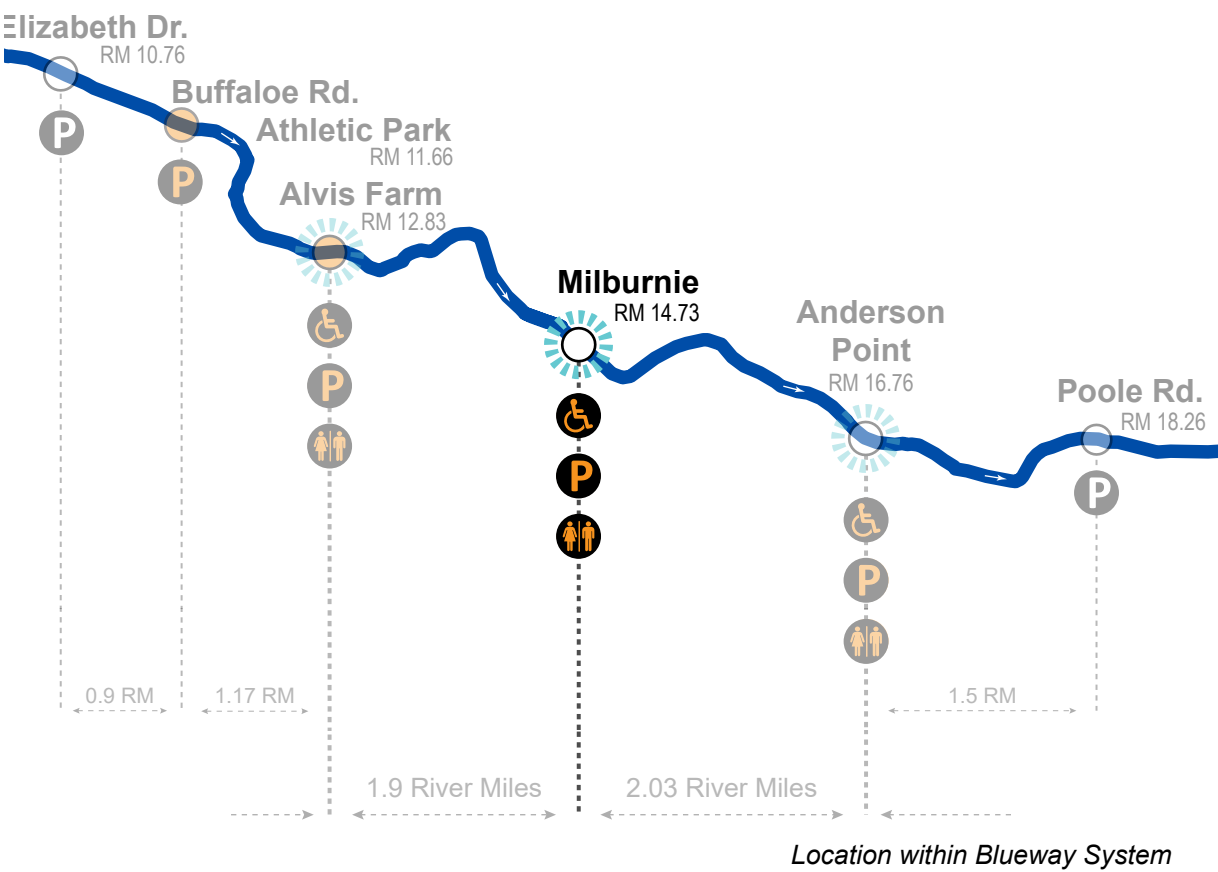
EXISTING PARKING: 8 SPACES

SITE CONCERNS: LIMITED PARKING & DANGEROUS DRIVEWAY ACCESS

PROPOSED IMPROVEMENTS:

SHORT TERM: MAINTAIN EXISTING NATURAL BEACH LAUNCH

LONG TERM: EVALUATE POTENTIAL FOR RIVER ACCESS IMPROVEMENTS AND ADDITIONAL FACILITIES IN COORDINATION WITH FUTURE MASTER PLANNING AND SITE DEVELOPMENT





## NEUSE RIVER REGIONAL PARK MASTER PLAN BACKGROUND

Included in the Neuse River Regional Park Master Plan was a Master Plan specifically for Milburnie Park. Within this plan, a canoe dock is proposed between Bridgers Lake and the river above the dam as a safe take out point. The plan also recommends a boathouse for boat storage and City-owned equipment designated as rentals, riverside markers and potential for bicycle rentals. The extensive wetland system found mostly north of the dam provides an opportunity for wildlife viewing and environmental education.

As part of the Neuse River Regional Park Master Plan, a boardwalk and lakeside shelter were proposed for pedestrian access and general enjoyment of the lake. Interpretive signage elements and an overlook terrace were recommended for Milburnie Dam to tell the history of the dam operating as a hydroelectric facility and to provide scenic views.

This Master Plan will need to be revisited before any development of the park occurs.





ANDERSON POINT PARK

Anderson Point Park is made up of three parcels on the west bank of the Neuse River. One parcel to the north is divided from the two southern parcels by I-87 and the existing railroad. There is a power easement north of the existing boat launch for the transmission line that encompasses a width of 100 feet. The City of Raleigh purchased Anderson Point from the Anderson Family in 1988 with plans to develop the property as a park. Anderson Point Park is bordered by Crabtree Creek to the west and the Neuse River and Mingo Creek to the east. The park offers opportunities for recreation, play and wildlife viewing as part of the vision of the Neuse River Regional Master Plan.

There is a parking lot on the northern parcel near the boat launch that serves the Neuse River Greenway Trail and contains 72 parking spaces. There is potential to expand parking to the east of the existing parking lot and create an additional 21 car spaces and 8 trailer spaces. The Public Utilities Department has a major sewer line that runs directly under the existing boat launch.

PRCR has partnered with Wildlife Resources Commission to develop a preliminary design for the boat launch improvements at Anderson Point. The existing gravel boat launch is susceptible to erosion and sedimentation. The proposed improvements to the boat launch include a concrete ramp and one handicapped parking spot. The concrete ramp material choice was made due to reduced maintenance. The project timeline, site plan, and launch details are on pages 57-58 and the full plan set can be found in Appendix B on page 72.



Boat Launch & Parking Location within Anderson Point



Existing Boat Launch Parking



Existing Boat Launch & Drop-off

SITE SUMMARY

EXISTING LAUNCH: GRAVEL RAMP LAUNCH

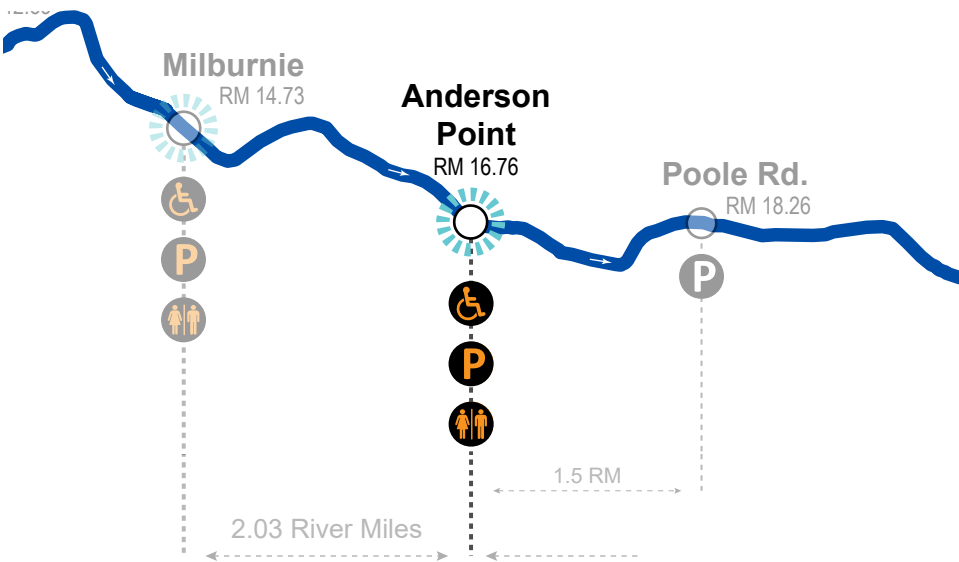
EXISTING PARKING: 72 SPACES

SITE CONCERNS: LIMITED PARKING & LAUNCH EROSION ISSUES

PROPOSED IMPROVEMENTS:

SHORT TERM: IMPROVE EXISTING LAUNCH AND EXPAND PARKING IN COORDINATION WITH WILDLIFE RESOURCES COMMISSION

LONG TERM: N/A



Location within Blueway System



NEUSE RIVER REGIONAL PARK MASTER PLAN BACKGROUND

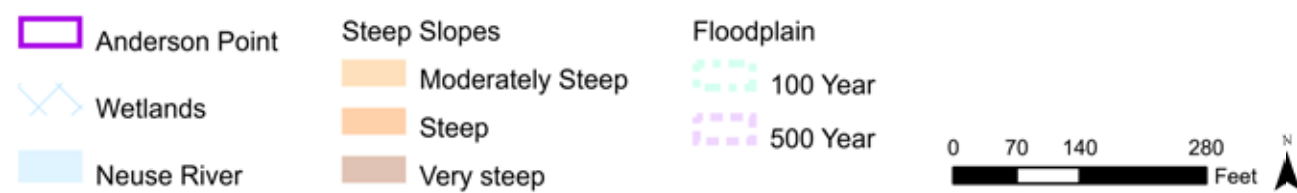
Included in the Neuse River Regional Park Master Plan was a Master Plan specifically for Anderson Point Park. This plan recommends an overlook, picnic shelter, rental office, and restrooms next to the existing launch location.



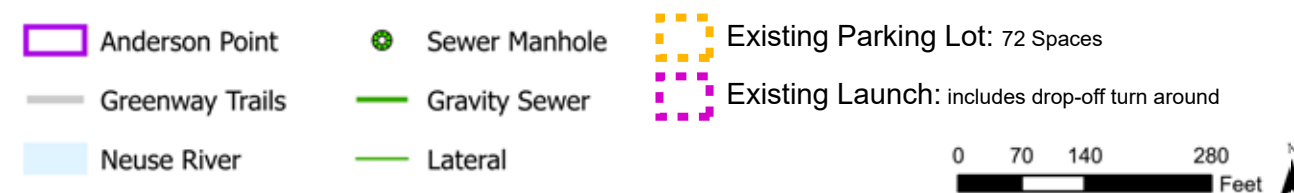




Existing Conditions - Natural Amenities



Existing Conditions - Infrastructure





PROJECT TIMELINE

The City of Raleigh Public Utilities Department is currently working on the West Neuse Interceptor Improvements Project at Anderson Point Park, and construction of a new boat launch should be put on hold until the project is complete. To the right is the site plan developed by the Wildlife Resources Commission, and on the following page is a close-up of the launch improvements. More details of this design can be found in Appendix B on page 72. Below is a tentative timeline for the sewer project and the boat launch project.

Project	Project Item	Tentative Timeline
West Neuse Interceptor Improvements	Permitting	Winter - Summer 2021
West Neuse Interceptor Improvements	Construction	Summer 2021 - Summer 2023
Anderson Point Boat Launch Improvements	Final Construction Documents	Spring 2023 - Fall 2023
Anderson Point Boat Launch Improvements	Bidding & Permitting	Fall 2023 - Spring 2024
Anderson Point Boat Launch Improvements	Construction	Spring 2024 - Spring 2026



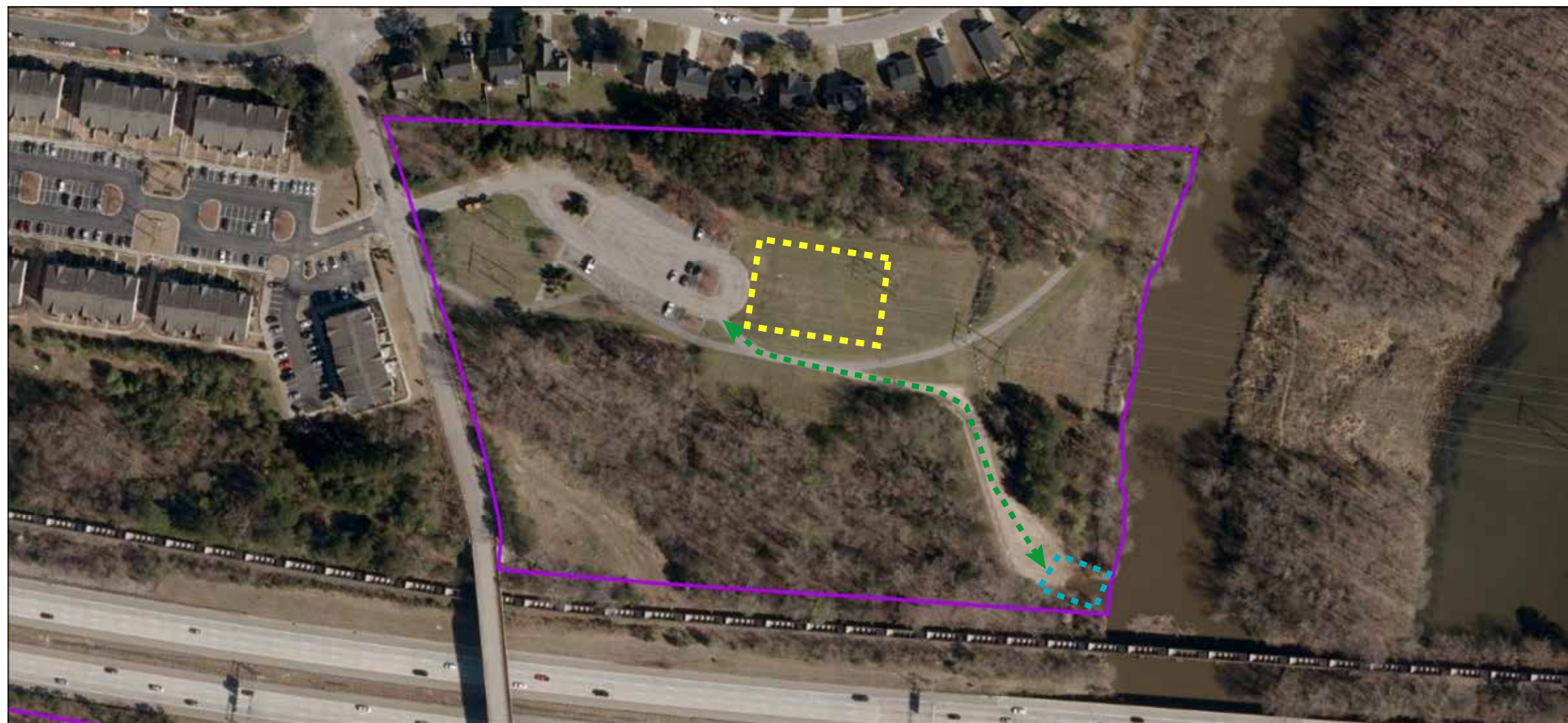
Preliminary Site Plan at Anderson Point  
by Wildlife Resources Commission.





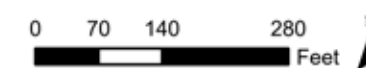
Preliminary Design for Boat Launch Improvements at Anderson Point  
by Wildlife Resources Commission.





# Proposed Improvements

- Anderson Point
- Launch Improvements
- Existing Site Circulation
- Proposed Additional Parking Location





POOLE ROAD

The Poole Road launch sits on a 4.83 acre greenway easement on the Neuse River north of Poole Road near the intersection of Barwell Road. The City acquired the property in 1972 and built the parking area for the Neuse River Greenway Trail and a boat launch in 2012. Poole Road is the southernmost existing access point located within Raleigh’s jurisdiction.



Existing Boat Launch

The parking area has 8 car spaces and 7 trailer spaces. Most users find there is not enough parking at this location. The property itself is limited in size so expanded parking is not likely on site. The expanded parking at Anderson Point Park, and the development of the Randleigh Farm property should help to divert some of the heavy usage at this site. The existing canoe launch at Poole Road is made of wooden timbers. The wooden timbers become slippery when inundated with water and sediment accumulates on the stairs as well. It’s recommended that improvements be made to the launch to decrease erosion & sedimentation and to improve traction.



Existing Boat Launch Parking

SITE SUMMARY

EXISTING LAUNCH: WOODEN STAIRS LAUNCH

EXISTING PARKING: 15 SPACES

SITE CONCERNS: LIMITED PARKING & LAUNCH EROSION ISSUES

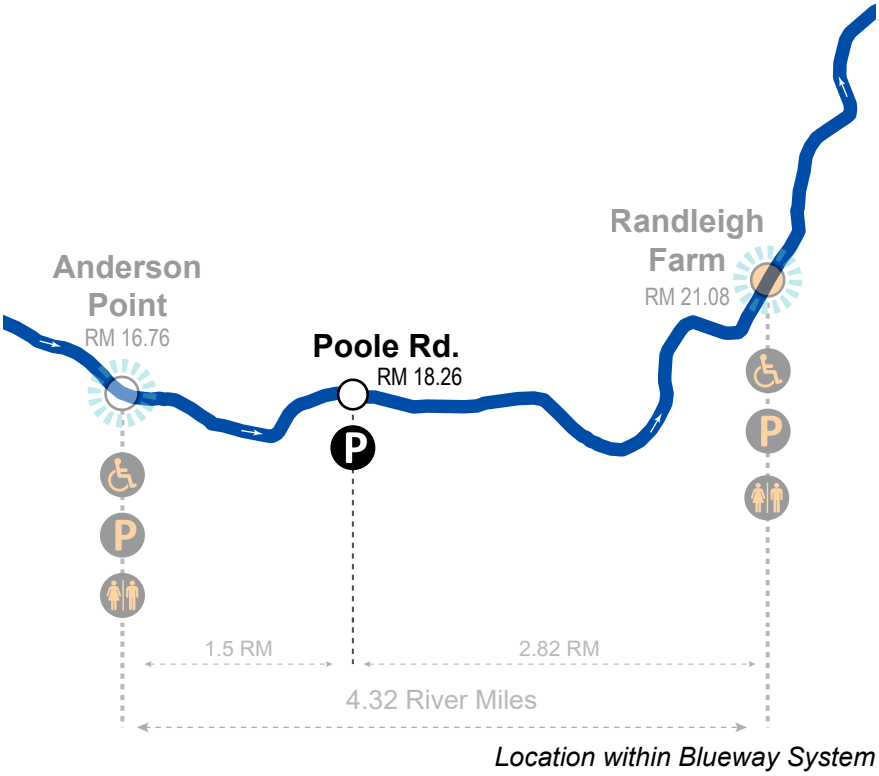
PROPOSED IMPROVEMENTS:

SHORT TERM: IMPROVEMENTS AT LAUNCH TO DECREASE EROSION & SEDIMENTATION AND TO IMPROVE TRACTION

LONG TERM: N/A



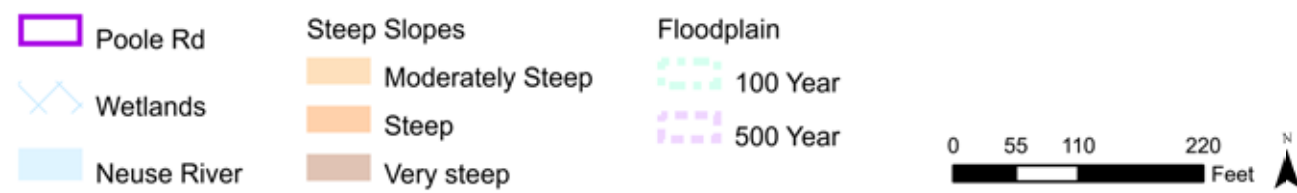
Existing Boat Launch



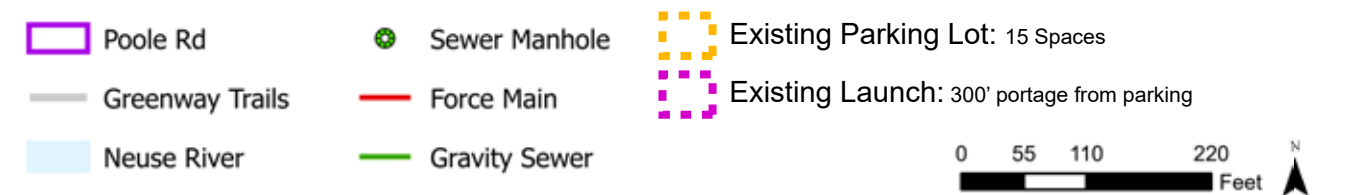




Existing Conditions - Natural Amenities



Existing Conditions - Infrastructure

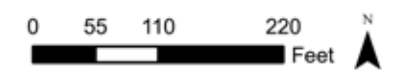






### Proposed Improvements

-  Poole Rd
-  Proposed Launch Improvements
-  Existing Site Circulation





RANDLEIGH FARM

The City of Raleigh entered an inter-local agreement with Wake County for acquisition of the Randleigh Farm Property in 2005. The 415-acre site is owned by North Carolina State University. The goals for use of the site at the time of the agreement were to include a corridor for I-540, open space floodplain protection of the Neuse River, bio-solids application, Raleigh public park, public school facility and a Raleigh operations center.

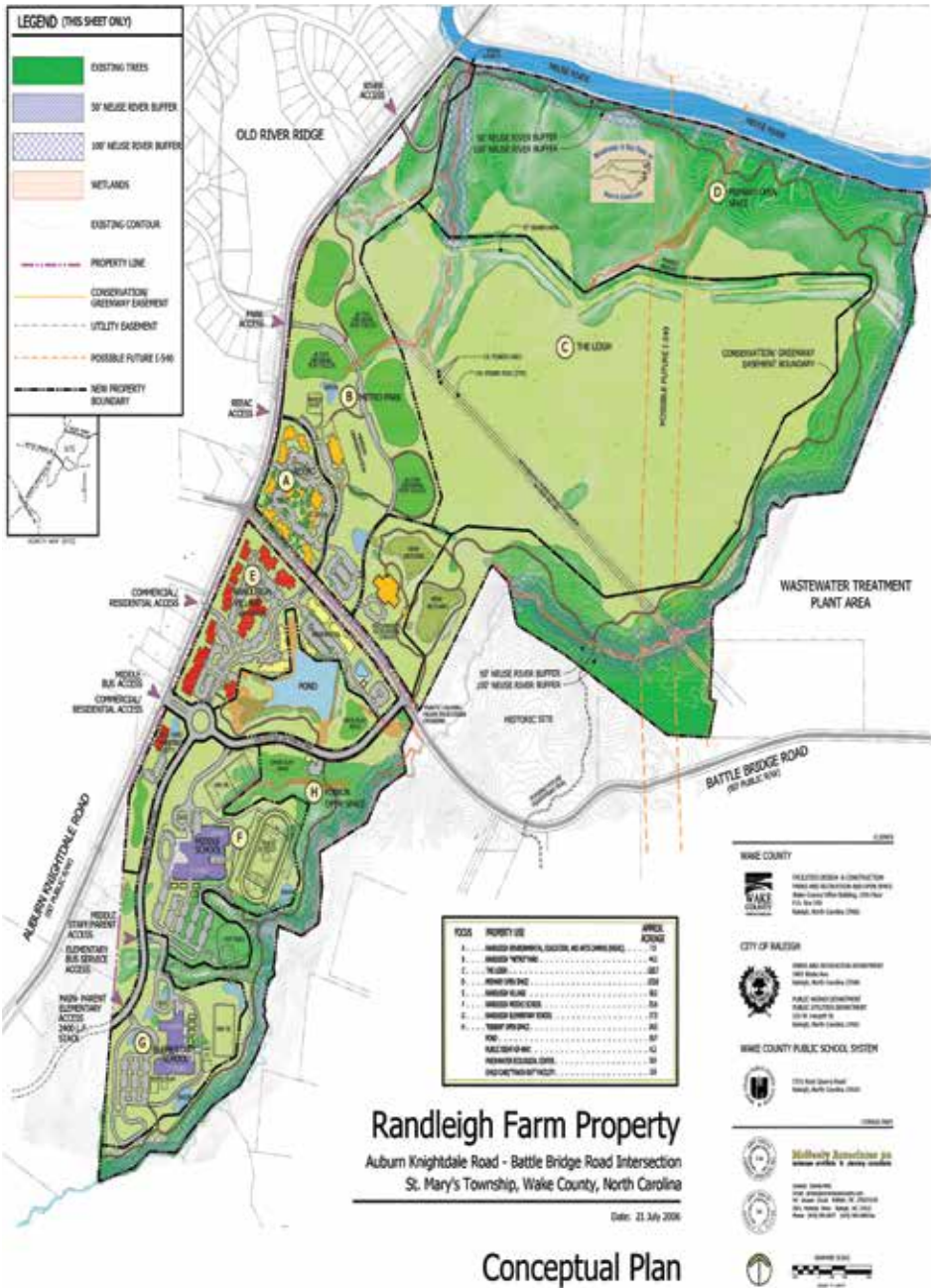
There is an existing greenway trail and parking lot with 17 spaces on site currently. A conceptual plan for the site was developed in 2006. A river access point and parking area are identified in the plan on the northern part of the site near Auburn Knightdale Road.

Future planning and development of this site should consider the inclusion of a boat launch similar in the design to the other primary access points in the system. In the future, camping could be provided as an amenity at this site. Boat launch location should be determined



Existing Greenway Parking

during the planning process. More information on planning for specific launch types can be found in Appendix C on page 78.



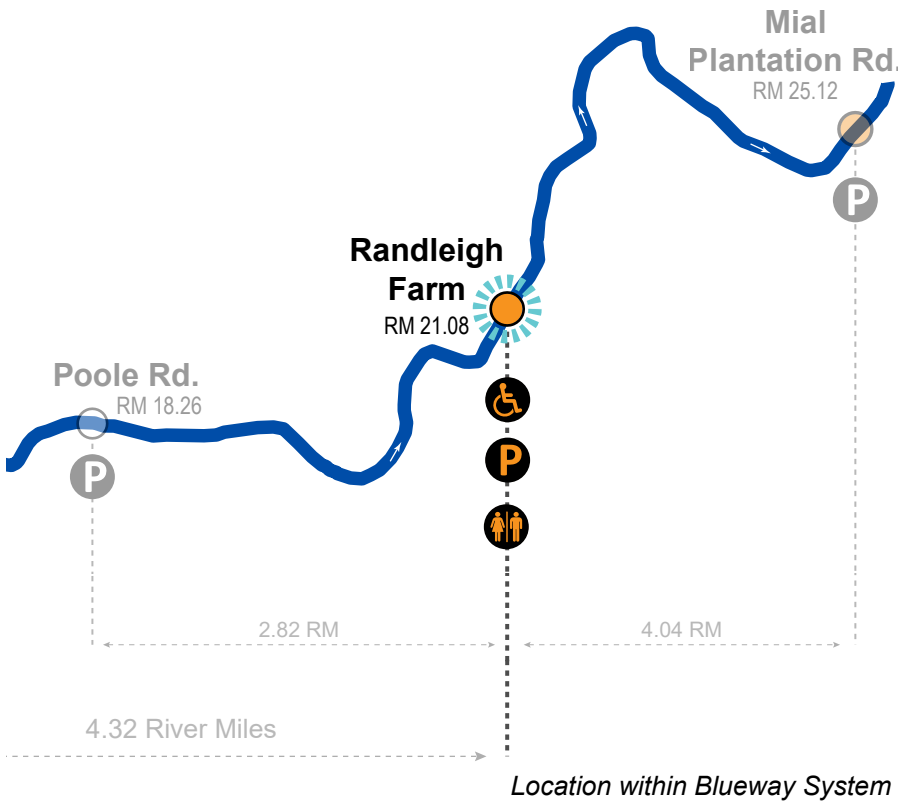
SITE SUMMARY  
EXISTING LAUNCH: UNDEVELOPED

EXISTING PARKING: 17 SPACES

SITE CONCERNS: N/A

PROPOSED IMPROVEMENTS:  
SHORT TERM: N/A

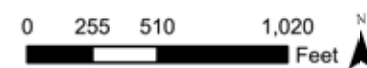
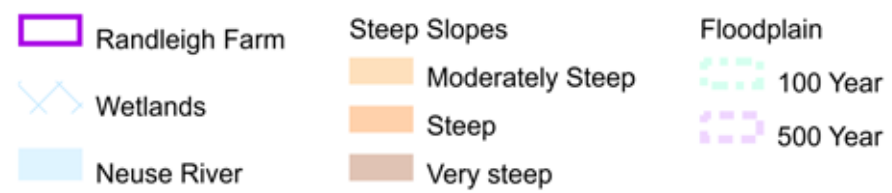
LONG TERM: EVALUATE POTENTIAL FOR RIVER ACCESS IMPROVEMENTS AND ADDITIONAL FACILITIES IN COORDINATION WITH FUTURE MASTER PLANNING AND SITE DEVELOPMENT







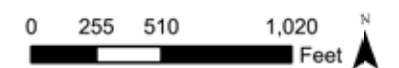
Existing Conditions - Natural Amenities



Existing Conditions - Infrastructure



Existing Parking Lot: 17 Spaces





MIAL PLANTATION RD.

The City of Raleigh acquired the 212-acre property at the intersection of Mial Plantation Road and the Neuse River in 1991. The parking area serves the Neuse River Greenway Trail. There are 11 car spaces and 8 trailer spaces in the parking area.

There is a gravel area that gently slopes down to the river near the greenway trail that people are using as an informal boat launch. It is recommended that this launch becomes established as a formal gravel ramp launch and that improvements be made to the launch to decrease erosion & sedimentation and to improve traction.

Mial Plantation Rd. is located outside of the Raleigh Extraterritorial Jurisdiction. Permits must be issued from Wake County for a canoe launch at this site. There is an opportunity to close the 7-mile gap from Poole Road Canoe Launch and create a gateway to Johnston County on the Neuse River. A concept plan has not yet been developed for this launch site.

- SITE SUMMARY
- EXISTING LAUNCH: UNDEVELOPED
- EXISTING PARKING: 19 SPACES
- SITE CONCERNS: LAUNCH IS INFORMAL

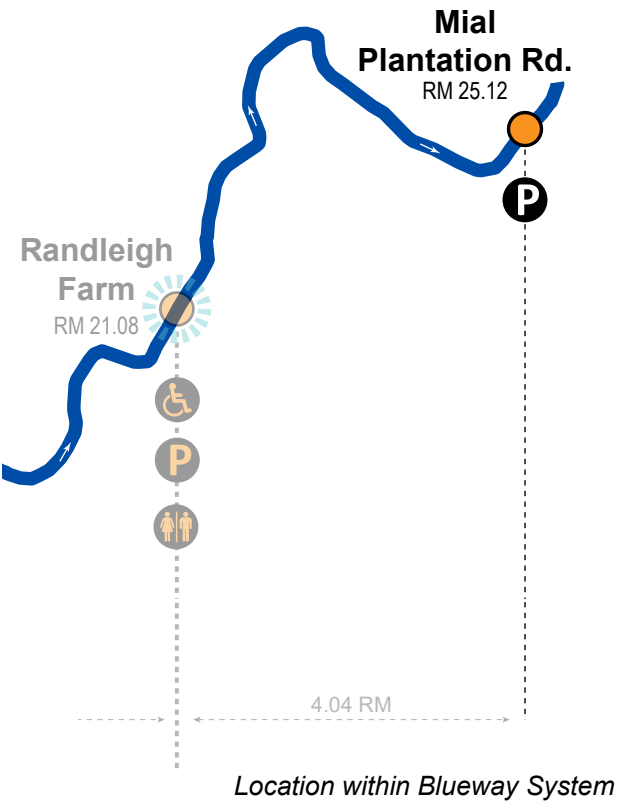
- PROPOSED IMPROVEMENTS:
- SHORT TERM: IMPROVEMENTS AT LAUNCH TO DECREASE EROSION & SEDIMENTATION AND TO IMPROVE TRACTION
- LONG TERM: N/A



Existing Greenway Parking



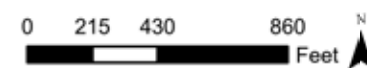
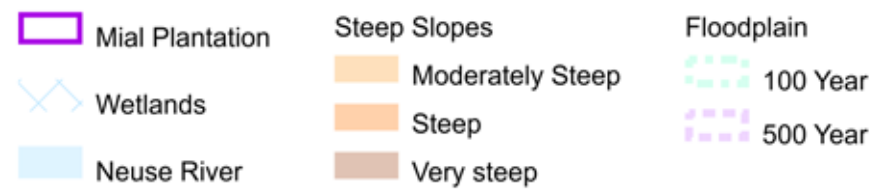
Existing Informal Launch Area



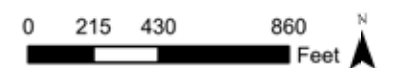
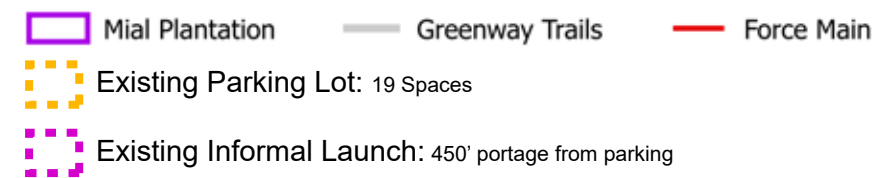




Existing Conditions - Natural Amenities






Existing Conditions - Infrastructure

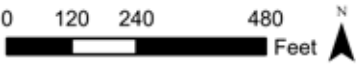






Proposed Improvements

-  Mial Plantation
-  Proposed Launch Improvements
-  Proposed Site Circulation







Next Steps



From December 7th to December 28th, the draft Neuse River Blueway Plan was uploaded to the project website for public review and comment. During this feedback period, the public were also asked to rank the short-term proposed improvements of individual launches in order that they would like to see them implemented. These results are found in the chart to the right.

The Neuse River Blueway Plan proposes that the system-wide improvements proposed on pages 28-29, be implemented once funding and resources become available. Prioritization of long-term proposed improvements of individual launches should be determined at a later date by utilizing the System Plan Update’s Park Access Metrics and Social Equity Prioritization.

PRIORITIZED SHORT-TERM PROPOSED IMPROVEMENTS

70%	Falls Dam - Improve launch for increased safety and accessibility— evaluate site for feasibility of concrete ramp or boat slide	Rank: 1.94	16 ✓
70%	Thornton Rd. - Develop new concrete ramp launch in partnership with Wildlife Resource Commission	Rank: 2.63	16 ✓
52%	Poole Rd. - Improvements at launch to decrease erosion & sedimentation and to improve traction	Rank: 3.33	12 ✓
48%	Anderson Point - Improve existing launch and expand parking in coordination with Wildlife Resources Commission	Rank: 3.36	11 ✓
52%	Milburnie - Maintain existing natural beach launch	Rank: 3.92	12 ✓
48%	Elizabeth Dr. - Improvements at launch to decrease erosion & sedimentation and to improve traction	Rank: 4.36	11 ✓
43%	Mial Plantation Rd. - Improvements at launch to decrease erosion & sedimentation and to improve traction	Rank: 5.50	10 ✓

23 Respondents





# Appendices



## APPENDIX A: PERMITTING & COST ESTIMATES

UDO Section 9.3.4.C describes restrictions on existing structures within the floodway. A 50-foot vegetation buffer must remain on each side of the river per Neuse River Riparian Buffer Rules. Sections 401 and 404 of the Clean Water Act apply to any development on the Neuse River or near wetlands.

In order to obtain a permit from the City of Raleigh Stormwater Division, a Flood Study Model must be calculated in order to determine if changes in grade during construction will cause the river water levels to rise. Depending on stormwater calculations, a Conditional Letter of Map Revision may also be required.

Permits that may be required are:

- Tree Removal Permit
- Land Disturbance Permit
- Stormwater Control Permit
- Flood Study Permit
- Neuse River Riparian Buffer Rules Authorization
- Watercourse Buffer Permit
- Clean Water Act 401 Certification
- Clean Water Act 404 Certification

APPENDIX B: ANDERSON POINT PARK - CONSTRUCTION DETAILS



OWNER:  
City of Raleigh  
Parks, Recreation, & Cultural Resources Department  
P.O. Box 590  
Raleigh, NC 27602  
PH: 919-996-3285  
FAX: 919-807-5573



DESIGNER:  
North Carolina Wildlife Resources Commission  
Division of Engineering & Lands Management  
1720 Mail Service Center  
Raleigh, NC 27699  
  
PH: 919-707-0150  
FAX: 919-707-0162

- Sheet Index--PCN PERMIT DRAWINGS
- 1.0 - Existing Site Conditions
  - 2.0 - Proposed Site Plan Overview
  - 2.1 - Proposed Fishing Pier Details
  - 2.2 - Proposed Ramp Area Details
  - 2.3 - Proposed Parking Lot Expansion Deatils

ANDERSON POINT PARK  
FISHING ACCESS IMPROVEMENTS  
Renovation Project  
SCO Project #17-17857

Anderson Point Drive,  
Raleigh, NC 27610

PCN PERMIT DRAWINGS 9/25/2017



Vicinity Maps






















<b>Anderson Point Park PFA</b>			<b>NORTH CAROLINA WILDLIFE RESOURCES COMMISSION</b> DIVISION OF ENGINEERING & LANDS MANAGEMENT 1720 MAIL SERVICE CENTER RALEIGH, NORTH CAROLINA 27699 Phone: 919.707.0150 Fax: 919.707.0162 www.ncwildlife.org	
<b>Proposed Parking Lot Expansion Details</b>				
Date:	9/25/2017			
File Name:	AndersonPt.dwg			
Surveyed:				
Designed:	SJS			
Drawn:	SJS			
Approved:				
Sheet No.	2.3			

APPENDIX C: PLANNING FOR LAUNCH TYPES

The quick reference guide to the right is from Logical Lasting Launches by the National Park Service. When planning for new river launches the below resources should be utilized:

RESOURCES AVAILABLE:

Prepare to Launch

https://rms.memberclicks.net/prepare-to-launch-

Logical Lasting Launches (Design Guidance for Canoe and Kayak Launches)

https://npgallery.nps.gov/RTCA/GetAsset/86bb0d45-8417-4904-97ae-771c8eba5a42/original#:~:text=A%20logical%2C%20lasting%20launch%20provides,the%20environment%20and%20riparian%20ecology.

QUICK REFERENCE GUIDE TO LAUNCH TYPES AND USES

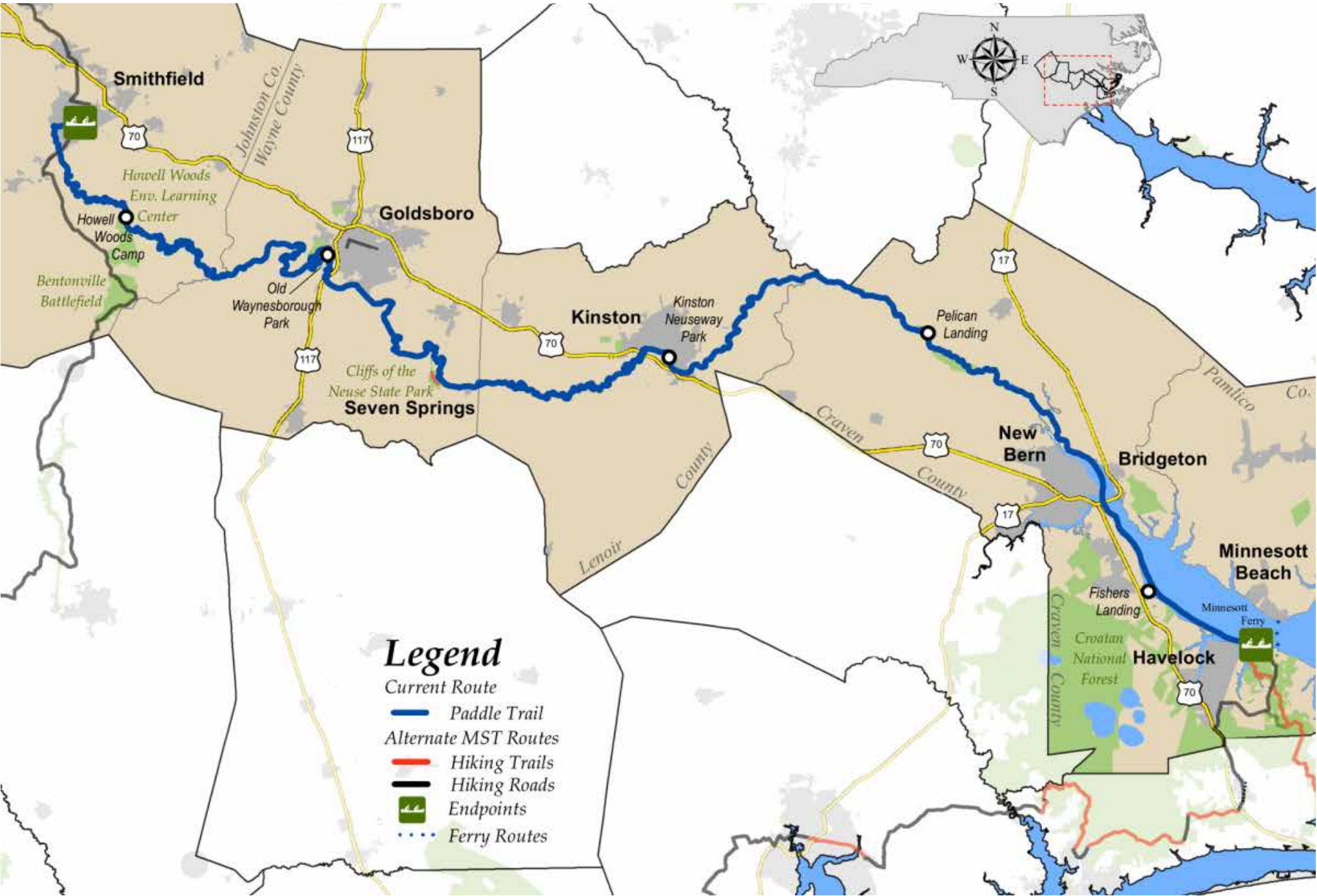
If you have...	Consider using ...	as long as...
<div>“Naturally” suitable areas, e.g.:<ul style="list-style-type: none"><li>Shorelines with sturdy banks</li><li>Stable rock outcrops</li><li>Beach areas with firm substrates</li></ul></div>	<ul style="list-style-type: none"><li>Existing site, with slight modifications, if necessary (e.g., adding sand or gravel to improve drainage)</li></ul>	<ul style="list-style-type: none"><li>Shoreline or riparian area is not vulnerable to erosion</li><li>Space is sufficient to launch and maintain balance</li></ul>
<ul style="list-style-type: none"><li>An area with minimal current or exposure to elements</li></ul>	<ul style="list-style-type: none"><li>Reinforced natural site (<i>see Chapter IV</i>)</li><li>Simple gravel ramp</li><li>Floating launch</li><li>Pipe or pile launch</li><li>Cantilever launch</li></ul>	<ul style="list-style-type: none"><li>Access is hazard-free</li><li>Environmental impact is minimal</li><li>Water depth is sufficient for launching</li></ul>
<ul style="list-style-type: none"><li>Steep shoreline</li></ul>	<ul style="list-style-type: none"><li>Step-downs, timber steps, handrails, or rope supports</li><li>Connecting structure or structures (e.g., gangways) with floating or pile launch</li><li>Timber, concrete, or metal stairs</li><li>Added soil to level slope (least favorable choice)</li></ul>	<ul style="list-style-type: none"><li>Slope is reduced to enable safe transition to water (and to meet ADA standards, if possible)</li><li>Space is sufficient for safe launching</li></ul>
<ul style="list-style-type: none"><li>Shoreline with slippery slope</li></ul>	<ul style="list-style-type: none"><li>Corrugated/aggregate ramp</li><li>Added gravel or other surface to provide traction</li><li>Concrete mats</li></ul>	<ul style="list-style-type: none"><li>Added traction does not prevent access to paddlers with disabilities</li></ul>
<ul style="list-style-type: none"><li>Steep drop-off from shore</li></ul>	<ul style="list-style-type: none"><li>Concrete, timber, or metal steps/stairs with handrails and boat slide</li><li>Concrete or other type of ramp with corrugated surface to provide traction</li></ul>	<ul style="list-style-type: none"><li>Area is protected from hazards, strong currents, and winds</li><li>Launching area at water level is sturdy and provides sufficient space for launching</li></ul>



APPENDIX D: EXTENDING THE NEUSE RIVER BLUEWAY TRAIL

This planning document is primarily focused on opportunities to improve river access along the upper 25 miles of the Neuse River under the City of Raleigh’s jurisdiction, which extends from the Falls Dam Canoe Launch to the Mial Plantation Rd. bridge, just north of the border between Wake County and Johnston County. However, the full scope of the Neuse River Blueway Trail can and should extend beyond these jurisdictional boundaries.

The Town of Smithfield operates a boat launch at Smithfield Town Commons Park, constructed in partnership with the NC Wildlife Resources Commission, which acts as the starting point of the informal Neuse River Paddle Route (as shown on the Friends of the Mountains to Sea Trail website). This Paddle Route extends 170 miles through Smithfield, Goldsboro, Seven Springs, and New Bern before terminating at the northern end of the Neusiok Trail in the Croatan National Forest near Havelock. More information on the Neuse River Paddle Route is



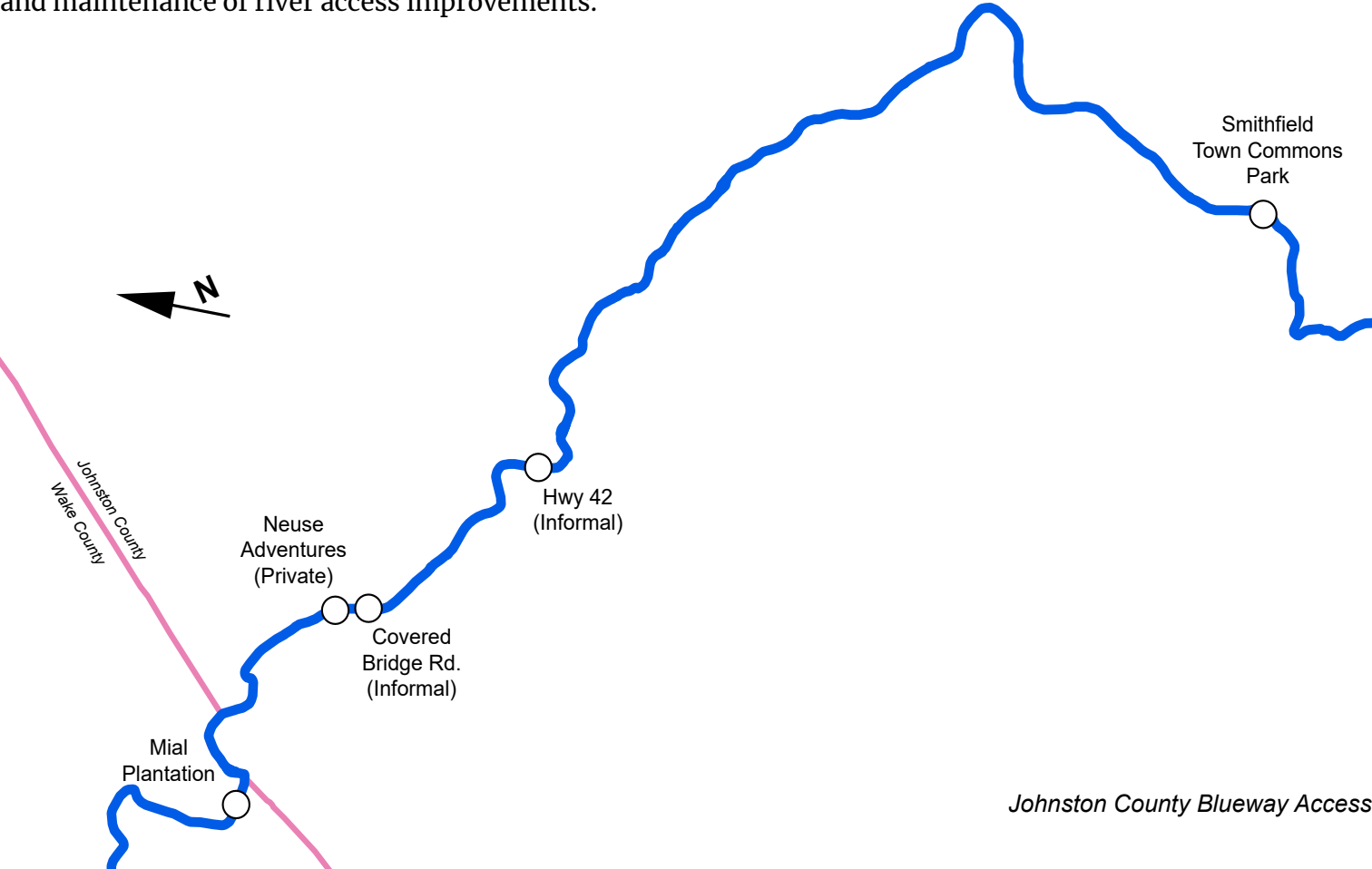
Informal Neuse River Paddle Route

CONNECTING TO SMITHFIELD

available at [mountaintoseatrail.org/segment/11a-16a](https://mountaintoseatrail.org/segment/11a-16a).

There are three river access points currently used by paddlers between the proposed launch at Mial Plantation Rd. and the boat launch at Smithfield Town Commons Park. Further improvement of these access points, at Covered Bridge Rd. and the Highway 42 bridge, would present an opportunity to extend the upper portion of the Neuse River Blueway Trail farther south to connect with the Smithfield launch. Currently, the Town of Clayton and Johnston County are pursuing feasibility studies and investigating additional land acquisition and trail development projects that may result in the improvement of these and potentially additional river access points along this section of the Neuse River.

Adding these downstream access points to the upper portion of the Neuse River Blueway, and ensuring that formal public access points are maintained at regular intervals along the entirety of the paddling trail, could help to establish the Neuse River Blueway Trail as worthy of designation as a State Trail by North Carolina State Parks, similar to the French Broad River State Trail or Yadkin River State Trail. Pursuing State Trail designation would significantly increase broad public awareness of the Neuse River Blueway, improving recreation and tourism opportunities for all communities along the length of the trail, and could present the opportunity to pursue grants, technical assistance, and other resources to assist in the design, construction, and maintenance of river access improvements.



NEUSE ADVENTURES

There is a privately owned river access point about 1,500 feet upstream of the informal launch at Covered Bridge Rd. The private launch is run by Neuse Adventures and offers canoe & kayak rentals. They offer a 5-hour trip that runs from the Poole Rd. launch to the Hwy 42 informal launch. They also offer a 2 hour trip from their privately owned access point to Hwy 42.

COVERED BRIDGE ROAD

The Town of Clayton maintains the 4-mile River Walk on the Neuse greenway trail that runs under Covered Bridge Road. The parking area has 44 car spaces. Under the bridge is an informal launch area. The slope is gentle and there is rip rap covering the bank to minimize erosion. Boat launch implementation at this location should be considered as a long-term project.



HIGHWAY 42 BRIDGE

There is also an informal launch located underneath the Highway 42 bridge. There are long-term plans to formalize this launch and potentially partner with the Wildlife Resources Commission. This launch area is currently owned by the school system and ownership would have to be transferred to Johnston County.





STATE TRAIL DESIGNATION










STATE TRAILS IN NORTH CAROLINA

What is a State Trail?

A State Trail is a linear corridor on land or water, protected from vehicular traffic, providing public access for non-motorized recreation or transportation. All State Trails must be authorized by the General Assembly.

Where are the State Trails?

Currently, there are nine State Trails in North Carolina:

- **Deep River State Trail** from Jamestown to Moncure 
- **Fonta Flora State Trail** from Morganton to Asheville, circling Lake James on the way 
- **French Broad River State Trail** in Transylvania, Henderson, Buncombe and Madison Counties 
- **Hickory Nut Gorge State Trail** in Henderson, Rutherford, and Buncombe Counties 
- **Mountains-to-Sea State Trail** stretching from Clingman's Dome to Jockey's Ridge State Park 
- **Northern Peaks State Trail** will connect Boone to West Jefferson along a series of mountain peaks, including Elk Knob State Park and Mount Jefferson State Natural Area. 
- **Overmountain Victory State Trail** traces the route used by patriot militia in North Carolina during the Kings Mountain campaign of 1780. 
- **Wilderness Gateway State Trail** connects Chimney Rock State Park and the Hickory Nut Gorge State Trail to South Mountains State Park, Valdese and Hickory. 
- **Yadkin River State Trail** in Wilkes, Surry, Yadkin, Forsyth, Davidson, Rowan and Davie Counties 

Not all sections of a state trail are open to bicycle or equestrian use. Please check with the land manager before you go.

These trails share legal status as components of the State Parks System. This distinguishes them from other regional and local trails and pathways. These trails offer opportunities for regional connectivity and public access to some of North Carolina's most significant and scenic landscapes.

Who manages State Trails?

State Trails epitomize partnerships. While a State Park is operated and managed by the Division of Parks and Recreation, a State Trail is comprised of multiple connected sections and each section of the trail is sponsored by a state or federal agency, local government or private landowner.

Section sponsors build, maintain and manage their section of the trail. This includes location, design, surface, permitted uses and amenities. Section sponsors retain authority on lands under their jurisdiction. They are encouraged to showcase places of natural, scenic, historic and cultural significance; to feature the diversity of the natural communities and landscapes in the state; to consider the needs of both long and short distance hikers; and to employ recognized standards of sustainable trail design and construction. Often, and ideally, section sponsors are supported by dedicated volunteers.

The overall trail corridor planning and coordination are the responsibility of the Division of Parks and Recreation. The Division will provide guidance, coordination and assistance for the multiple section sponsors whose individual and diverse sections link together to form the State Trail. Working together on connecting sections of a State Trail is a way for communities to leverage their investments in trails to maximize the value for their citizens.



Please contact the state trails program if you have any questions about state trails.

**Scott Crocker**  
State Trails Program Manager  
scott.crocker@ncparks.gov

**Smith Raynor**  
State Trails Planner  
smith.raynor@ncparks.gov



HOW IS A STATE TRAIL CREATED?

A new state trail is authorized by the General Assembly—ideally after a feasibility analysis.

This analysis includes:

1. Statewide significant natural, cultural, scenic and recreation value
2. Enough potential length and beauty to attract varied and significant use from regions outside the local area.
3. Minimal and surmountable incompatible features such as roads, intrusive development or large water bodies.

If a potential State Trail meets these basic requirements, then the feasibility of inclusion as a State Trail is based on:

1. Local public support for the general concept of a public trail and the availability of trail volunteers
2. Presence of viable section sponsors committed to the design, construction, maintenance and management of the trail.
3. Environmental and economic sustainability of the trail route.

The law that creates a state trail may place some restrictions on the trail, such as specific counties where it must be located, but gives few other details on the trail location. To move beyond this concept, detailed planning is required.

NC State Parks plans the general corridor where the trail will be located. The planning process includes meeting with stakeholders, potential segment sponsors and holding public informational meetings. Usually, the planned corridor is 5-10 miles wide to permit for segment sponsors to take advantage of available land and advantageous topography.

Segment sponsors design and construct trail within the NC State Parks planned trail corridor. This should be done in coordination with NC State Parks to ensure that the segments will connect; sustainable standards are met so that the segment can be authorized as an official part of the state trail; and resources can be leveraged.

After the trail is constructed, the segment sponsor applies for state trail designation through NC State Parks. This process involves the approvals of the State Trails Planner, North Carolina Trails Committee and the Secretary of the Department of Natural and Cultural Resources. Criteria for designation include public access, an emergency management plan, detailing available amenities and inspection by a regional trails specialist.



Please contact the state trails program if you have any questions about state trails.

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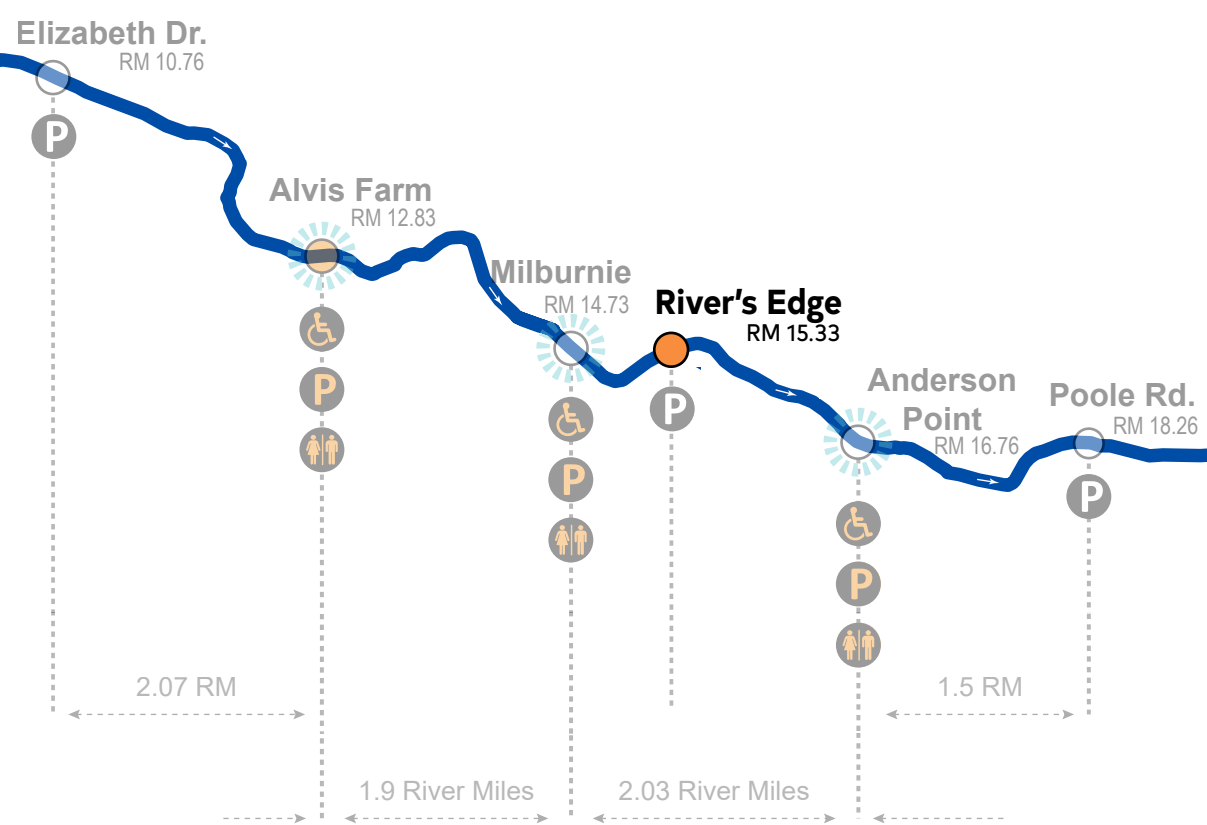




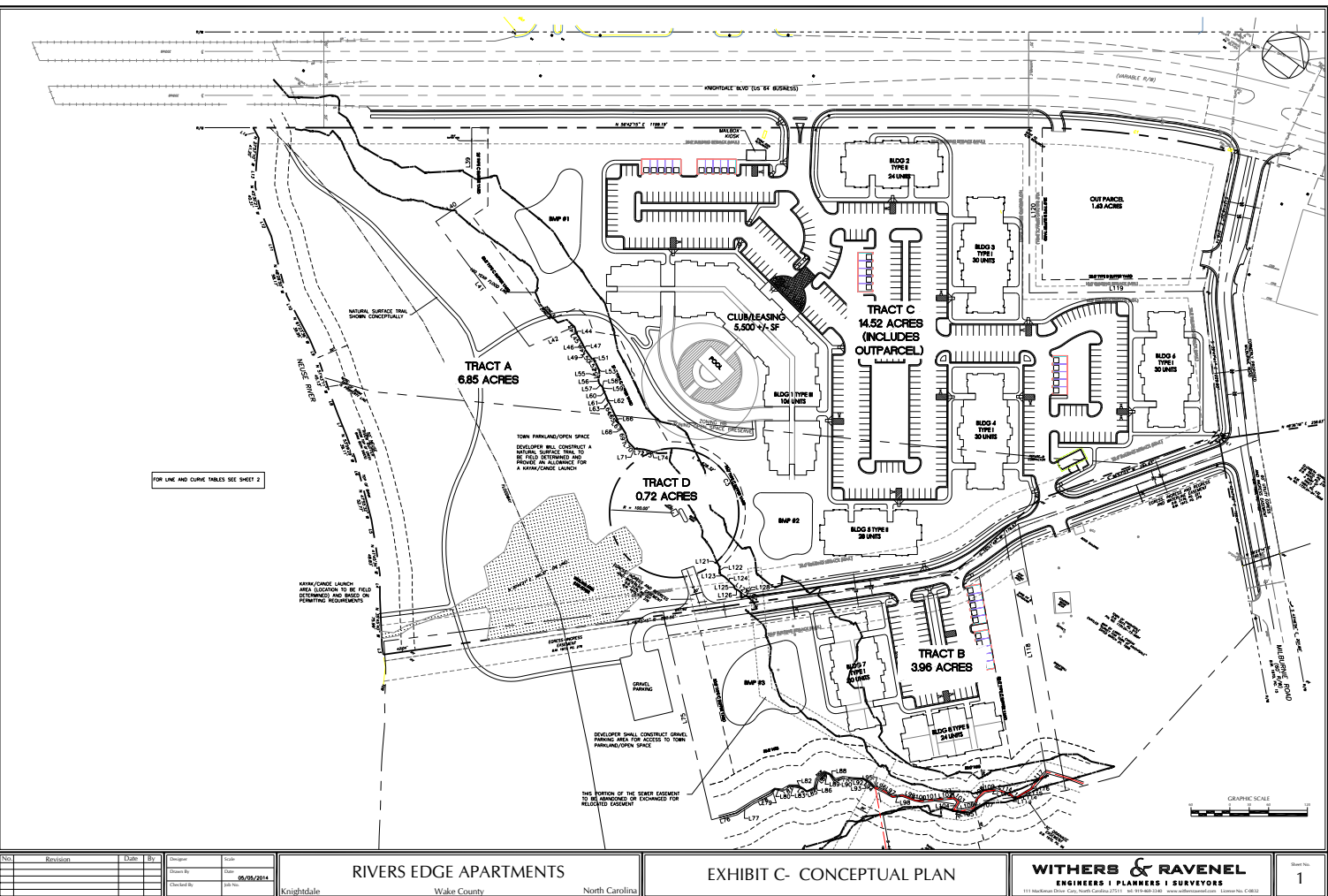
COMPLEMENTING THE NEUSE RIVER BLUEWAY

As stated earlier, this planning document is primarily focused on opportunities to improve river access along the upper 25 miles of the Neuse River under the City of Raleigh’s jurisdiction. This document is primarily focused on City of Raleigh owned and operated launches. This section will expand on river launches along the first 25 miles of the Neuse River that are publicly accessible but privately owned and operated.

The River’s Edge Apartments are currently pursuing permitting by the Town of Knightdale and are expected to start construction in late 2021. Part of their development plans includes a river access point. The access point will be between Milburnie Park & Anderson Point Park and would provide parking.



Location within Blueway System



Preliminary Draft Conceptual Plan

APPENDIX E: RIVER SAFETY

During the community engagement phases for the Neuse River Blueway Plan, there were several comments left by the public expressing concern for their safety while on the Neuse River. This appendix is meant to shed light on ways the public can stay safe while on the river, and how the City of Raleigh is working to increase safety as well.

RIVER SAFETY SIGNAGE

City of Raleigh Staff in the Natural Resources Division of the Parks, Recreation and Cultural Resources Dept. are currently working with the Communications Dept. to develop River Safety signage for the seven existing river access points.

These signs are expected to be fabricated and installed by March 2021.

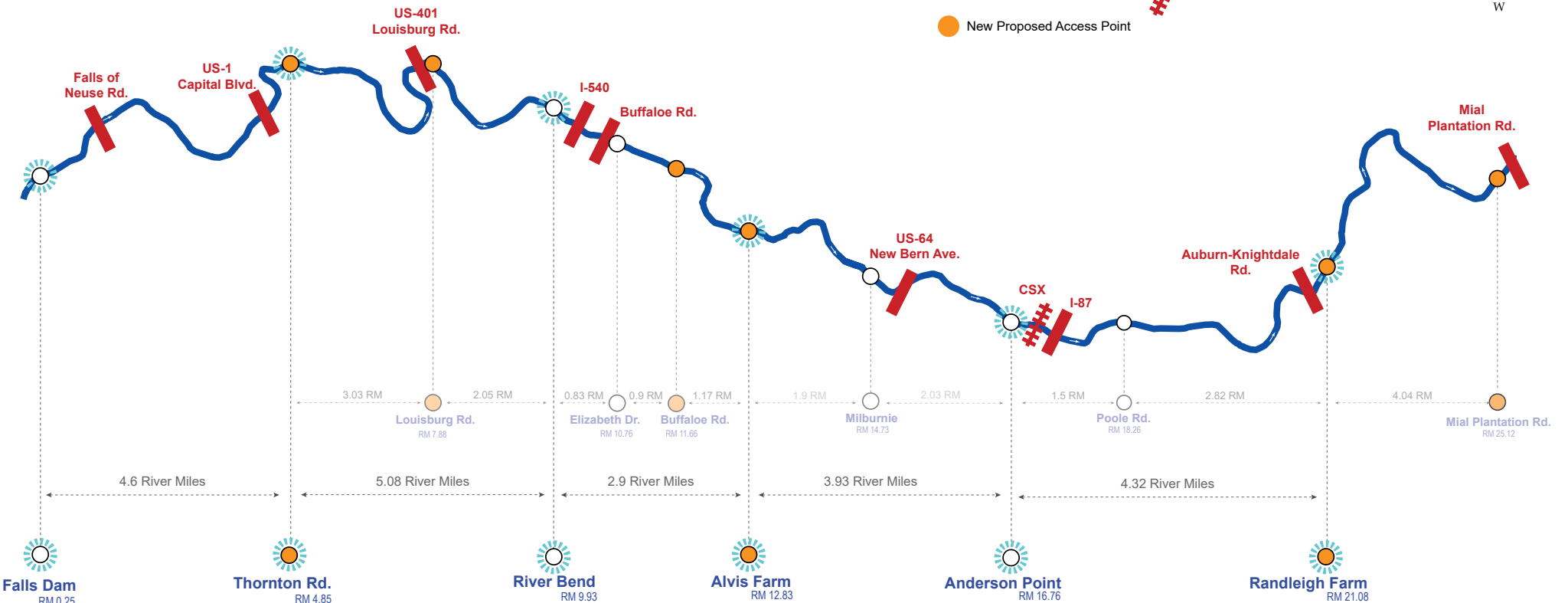


Draft River Safety Sign

NEUSE RIVERKEEPER WATER QUALITY ALERTS

Sound Rivers’ Neuse and Pamlico–Tar Riverkeepers work with interns and volunteers to monitor water quality sites in the Neuse and Tar–Pamlico watersheds. The sites are sampled weekly from late May through the end of August. Sites are monitored for E. coli bacteria in freshwater and enterococci bacteria in salt water. E. coli is a type of bacteria found in the intestines of people and other animals, and is a good indicator of recent fecal contamination. While most types of these bacteria are harmless, some types can make us sick or cause more severe gastrointestinal issues in more sensitive groups.

As soon as results of monitoring are available they are posted to the Sound Rivers’ website at <https://soundrivers.org/swimguide/> as well as on the Sound Rivers’ facebook page and their smartphone app. The results are also announced on Public Radio East between 4pm and 6pm each Friday. You can also get weekly alerts during the summer via text (text SWIM to 33222 to join their text alert list).A link to the Sound Rivers’ website can also be found on the City of Raleigh’s River Access website: <https://raleighnc.gov/parks/content/ParksRec/Articles/Programs/Outdoor/RiverAccess.html>



Neuse River Blueway & Bridge Locations

LOG JAMS & DEBRIS

When the US Army Corps of Engineers releases water from Falls Dam, the water levels in the Neuse River rise quite rapidly. This can lead to downed trees and debris being pushed down the river and often leads to them collecting under vehicular bridges or the CSX railroad bridge. The jams can make it dangerous and difficult to paddle the Neuse River.

It is difficult to clear these log jams with standard equipment and the responsibility of clearing the log jams is unclear. To work towards resolving this issue and while keeping the safety of paddlers at the forefront, the City of Raleigh Parks, Recreation and Cultural Resources Dept. is forming a stakeholder group with the City of Raleigh Fire Dept., NC Department of Transportation, the US Army Corps of Engineers, and the NC Wildlife Resource Commission. The purpose of this group will be to address future log jams, consult on new launch design & construction to facilitate swift water rescue/motorized rescue boats, and improve monitoring & communication on potential hazards.

APPENDIX F: COMMUNITY ENGAGEMENT - COMMENTS

INITIAL SURVEY (2019)

What type of paddlecraft do you use?

Kayak
Opencanoe
Canoe
1-person fishing pontoon boat.
Kayak, raft, duckie
Canoe
Tune
Tube
Canoe and Kayak
Drift boat
Kayak
Kayak
canoe, blow-up kayak
Canoe
Raft
kayak
Raft
Kayak
canoe
Rafting
Rafting
canoe
Canoe
Fishing raft
Canoe
canoe and kayak
canoe
None, and I've never paddled before so I can't comment on the previous question or some of the others. I'll keep them blank.

Do you own or rent paddlecraft? If you rent, where do you rent from?

other out of state rentals in Florida
I rent when out of town.
Florida
Frog hollows outdoor
Paddle creek
Paddle creek
Paddle Creek
Paddle Creek
Whatever location is nearest where I am.
Paddle Creek
State parks
private businesses
University Recreation Depts.

Paddle Creek
lake johnson park
borrow from friends
Shelly Lake in Raleigh
I prefer to rent from the parks department because it's convenient
Parks department.
Whichever location is closest to the launch site.
Paddle creek (I pay to use their take out and to transport my boat. Would love to have a way to drop off kayaks, drive to take out, cycle back to put in, and then kayak to car. All I need is a safe place to lock up my bike. It's fun!!! Multi sport!
Paddle Creek
Don't remember, but I've never paddled on the Neuse. Am looking forward to trying it!
Paddle Creek
rei
What ever is local to the body of water I'm on
Various locations
REI
Paddle Creek
Paddle Creek
Calabass
Rental store at Falls dam site.
store
Paddle Creek
Outpost
Dont own or rent
i believe I tried in once while attending Pullen Park in Raleigh
i believe I was at Pullen Park in Raleigh
Depends on which river I am paddling on. Haven't had any experience on the Neuse River.
Lake Crabtree County Park
I didn't own. I paddled with owner.
Paddle Creek
Paddle creek
Paddle Creek
When we need more kayaks, we rent from Paddle Creek
Paddle Creek NC
Various places when on vacation- OBX. Lake Johnson.
Lake Johnson, Outer Banks.
Wherever I'm at.
NCSU- outdoor recreation
I haven't rented but I don't own my own so would need to - if the City had ones for rent that would be great!!!
parks
Paddlecreek
Paddle Creek
Paddle Creek
Western NC Trips.
Zaloo's Canoes on the New River, NC

Paddle Creek
I own but also rent from Paddle Creek for the convenience.
Use friends

Please share your ideas for improvements at Neuse River boat launches.

At Poole Road improve the takeout, it is too steep and too muddy. At Anderson Point, the ramp is too muddy and there is a huge log jam/river wide strainer jammed up against the railroad bridge creating a big hazzard.
Improve the takeout at Poole road.
The entire run will have to have more reliable water to have any hope of being a consistent paddling location. A minimal 75-100cfs release from the dam is insufficient to support enjoyable paddding in the upper reaches of this section. The river will need frequent de-snagging operations and regular litter cleanups to become inviting to a broader demographic than it currently enjoys.
Love the Neuse! We paddle all the way to Oriental.
Please include kayakers as members of your advisors regarding the design of put in take outs that aren't too steep. Provide for trash disposal and pick up. Sustain surrounding natural environments so to prevent erosion that reduces water quality
All launches would benefit from having packed gravel or paved pathways down to the river edge. Creating even a 10 foot wide space that is a gentle slope into the water would be better than most of the places that are too steep. More people would use the river if the put ins and take outs were more user friendly. Kayakers would use the river more, (and help with river clean ups) also if there were more opportunities for paddling features along/in the river. Many times we have wanted to paddle and the flow was too low for anything worthwhile so we went somewhere else.
Anderson point launch is extremely muddy and hazardous with a log jam on the bridge. Poole road could use some better steps for getting out of the water
A whitewater park that makes the river usable at lower water levels would be a great addition to the falls dam area. A whitewater oark would allow new paddlers to safely learn about the sport.
Buffalo Road desperately needs more parking. Milburnie needs more parking. There is a large log jam around the center piling of the greenway bridge and the upper end of the island downstream of the bridge. The launch site at Poole Road needs to be completely redone from scratch. I have some pictures of the launch setup at Wilton Slopes Park (Granville County), an arrangement that might work better at Poole Road. Anderson Point is muddy, but I don't know what you would do about that given how much the Neuse rises and falls with different releases from Falls Dam. At least it isn't steep.
A whitewater feature with regular year round access at Falls Dam that allows use of kayaks, canoes, stand up paddleboards, and surfboards. This would be a valuable asset to the Raleigh-Durham area in attracting young urban professionals.
A park and play whitewater feature with parking and eddy access would be ideal.
They are fine. A little small if there was more traffic.
Play wave at the dam! Easy, cheap, low impact.
More access points along the river
Park and play whitewater features would be a huge draw for whitewater paddlers
New whitewater features and more access points along the river would be appreciated.
Picnic tables and restrooms
Buffaloe Road launch is pretty much just a dirt path to the River. This really needs to by upgraded and designed in a way that multiple people can launch and it minimizes erosion. Public restrooms would be a nice feature.
Standing wave and whitewater obstacles at falls.
The stairs and at falls d am are in bad shape at the base going into water. Also after excessive washout occurred a bunch of rip rap was dump along bank making it very dangerous for entering river. The area deserves better than that.
A permanent set of whitewater rapids or waves at the Falls Dam area with consistent releases throughout the year.
Add more parking at Milburnie Dam. Install a handrail to help down ramp at Poole Road.

More parking at buffalo and even falls boat launch. A place to take out at horseshoe farm would be nice since paddle creek isn't always available.
I live between paddle creek and buffaloe rd launch areas, and the neuse could really use some embankment cleanup and more stopping areas cleared
Easier access i.e. getting in and out and launching. Maybe a small accessible floating dock in some spots.
Launches need rock or other paving as mud can be slippery and dangerous. Low grade is also helpful to prevent muscle strain from hauling a heavy boat up a steep incline.
Pavement would create rapid runoff. Stone slows the runoff and allows for better footing. Lower grade would be easier in/out access and would also slow runoff.
Add additional boat launch areas along the river.
There needs to be an alternative to the Paddle Creek launch.
Improve take outs. Provide a take out at capital blvd that is not privately operated
City of Midland Michigan does it right you should reach out to them
The takeout at Buffalo road has very limited parking and is very steep for a solo kayaker. It's in very poor condition for a city-maintained launch.
I believe that Falls Dam is a perfect location for a whitewater park. There is already a good place to put in and take out at this location.
safer water access including walking substrate, erosion control along river boat launches
New take out for capital site or close by. Improve/repair existing areas
I have been disappointed every time my daughter and I have tried to go places for river access- either for paddling/ playing or fishing. Trash, not maintained, no clear access points, and we don't feel safe at some of them. With so much greenway and such natural resources, it's surprising that we don't capitalize on it more and build more infrastructure that allows people to enjoy the water more.
Easy access with vehicle to get to water. Decent launch with steps or flat area next to water.
Would love dog-friendly rentals like Lake Jordan provides as an option as some of the launches.
Stairs at Falls are horrible!
Safer put in and take outs that aren't awkward especially for people with disabilities
Im pretty concerned about overall water quality issues in the Neuse, and get worried about being in the waterway because of that reason (algae blooms, trash, fish kills, etc.)
Paddle Creek put in / put out has vauge towing enforcement and has unfairly towed me before when my vehicle was parked correctly. I'd like more clarity on what public parking is allowed, or even allow the area to be picking I public parking like in the Falls Dam area.
Paddle Creek - US 1 has limited access.
Brunswick county has a put in on the river that has rollers to launch a boat. Makes it so much easier to launch
A shuttle service provided by the city with a number posted at each boat launch.
I would like to see improved put in and take out. Getting out of a kayak into a couple inches of mud is no fun. A tap to rinse off river water and mud might be helpful.
Add some rocks for Rapids near d a m and improve take outs
Improved launch areas that arent so muddy. Additional launch areas with car access. Additional parking at Buffalo access. Clean up of debris around bridge pillars. Love paddling on the Neuse.
Capital Rd is where I actually take out but that wasnt listed
Service to return to starting put-in point.
Actual areas to get into the river would be nice
Better, safer walkways and stairs.
public access and parking at Paddle Creek; more access points.
Better launch area with gravel and rollers at all sites. Takeout at Horseshoe or Capital Blvd (public - free access) Better maintained areas(trash/recycle) and include restroom facilities. Better parking at all sites.
Better launch sites with gravel paths and rollers. Free river access at Capital blvd or add a launch site at Horseshoe. Trash maintenance and restrooms at more populated sites.



I would love a take out near the paddle creek take out but on the other side and with parking.
I would love more parking at Buffalo road and a take out across the river from the paddle creek take out.
Camping near boat launches
The blueway and associated launches need to include CRABTREE CREEK. It is regularly paddleable and I have done it many times. locations should include Lake Crabtree Dam, Duraleigh Rd, Crabtree Valley, Lassiter Mill and New Bern Ave. before joining the the mainstem Neuse. This will add more diverse paddling experiences to the blueway. Dead wood and treefall clearing is needed along the route.
I second more public access points. More options for where to put in and take out that are not privately operated
Public launch, staff and rest rooms @ River Bend Park obvious major improvement to enhance trip options.
There are manufactured ramped launches with pull railings for VERY safe/dry launches and take-outs. I've used one at Beaufort Harbor and it was a CDC great experience.
More access points
I hope they are taking Water recreation and the present location of Paddle Creek at capital Boulevard into consideration as they plan to turn Cap Into a freeway going north
Partner with adjacent counties to provide further access beyond Wake County for shorter trips.
Docks that are easy to access. River markers alerting you exit point. More auto parking.
Please make sure that any changes made PROTECT the river and riparian systems. More traffic and more put-ins in theory are great!, as long as the river and its ecology are protected. It IS also public drinking water downstream (and "we all live downstream", so keep that in mind.
I'm usually with kids, so bathroom access and easy to see & manage pullouts.
Marked access points visible from road and river; trash cans
Parking and improved launches, maybe a ramp or faded embankment.
Hard but pervious surfaces for ramps. Clear river of fallen trees. Will help with flooding. Clear trash.
rock and sand area for launch, muddy and slippery would like to see more trash clean up on the river
Have easier beach access, more parking
Have launch and take out info available on line, bathrooms would be awesome!
Improved launches with less corrosion. More parking at Buffalo rd access.
Restrooms and more access points.
Beach launches are best.
Beach launches are best, especially for senior paddlers.
A low grade launch/exit is much better than what currently exists, particularly for senior paddlers. How exciting that this is being planned!
I think it is a really good idea to maximize the Neuse River resource; good luck with the process.
The launch near Falls Lake needs be changed to a gradual slope to the river. The existing concrete stairs are a real hazard for paddlers all paddlers, and especially older people and children.
Make them accessible to all paddlers, such as specialized entry and exits, as more older paddlers still want to paddle
Better signage, more developed access,
The Poole Road access was ruined when the Neuse River Greenway was put in. I have not used this access for the past few years because it is not really safe to get boats into or out of the water here. Would like to see an access for canoe/kayak at Meal Plantation Rd.
Some type of restroom facilities would be appreciated. (not only for paddlers, but for cyclist also)
Gravel pathways designed to minimize erosion for launching / landing would be a big improvement at most sites.
More parking, more put ins and outs, pave or gravel Buffloe.
Better signage along the river. A dock would be great!
Better signage along the river, as viewed from the river. A dock would be great!
Anderson Pt needs some gravel or concrete on the launch
Better signage as viewed from the river. A dock would be great!
do what you can about the mud at anderson point

I don't think this is the place for this comment. But I don't know where else to put it, or of this can be done.
The river is so shallow, it's hard to canoe down it. If the water be made deeper in the summer months, that would help.
Poole's road launch/take out is pretty rough. Small area, tends to have debris. Would like to have other launch/takeouts further south. Is there a web site with info on water levels and flow rate?
More parking. Areas along the river to get out and picnic. low grade launches
buffaloe road could use more parking opportunities!
The City/County really needs to invest in a take-out at Capital Blvd. This stretch of river can be a crown jewel of the park system w/ this addition. Paddle Creek does a good enough job, but I am always afraid their land will be sold to someone who will not renew their lease.
More access points and public restrooms would be awesome!
Enough room for multiple people to put in at same time, beach area to hang out/rest, plenty of parking, easy/convenient put in and takeout areas. If renting is available, decent equipment at reasonable rates.
Having put in/take out points at 2-mile intervals would be a big improvement. It would also be helpful to make the take outs more substantive (the current situation with using slippery timbers isn't so great). Also, having somewhere closer to Johnston County available for a campsite would be really good.
One last thing: there are a lot of trees down along both sides of the river. Is there any way those trees could be logged and removed?
Having access points on both sides of Horseshoe Farm Park would be a great opportunity for some kid-friendly paddling and tubing. Signage from the streets to the access points would also help.
need to be cleaned up at the Anderson Point launch
Easier access
Buffalo Rd launch could use some work as stated by others. Also, some brush clearing along the bank and even some signage alerting anyone coming down river of the proximity of the launch approach.
Have a way to get in and out and avoid mud and poison ivy. Maybe provide a secure storage for payment for kayaks and gear to make it easier to get to the river
improve launches to limit erosion
Keep them clean and accessible.
debris and water level influence access and use often Put in and take out could be easier.
It would be nice if you could develop some sort of railed launch. Also,a temporary storage for your kayak after pulling it out, and a fresh water (not necessarily potable) hose.
The Neuse is an excellent paddle. However, it is not a lake. Paddling a stream/river is very different than paddling a lake. Of course this all goes without saying.
Given that put-in/take-out places are located at areas on the Neuse where it is not 'hard' to paddle 'up-river' then that is the best of all worlds for 'flat-water' paddlers (like myself)
Take out points along the Tar River cart so much based on recent rainfall and levels of the river. Most take outs along the Neuse are usually Muddy and not well marked, additional signage and more developed launches could make the river more accessible
Better parking, better signage on the river when the takeout is coming up.
rr
Don't alter the river itself - I'm a fan of whitewater, but I did not like the idea of installing artificial rapids on the Neuse.
Improve the Buffaloe take out and parking situation. Both aren't good.
I'd love to see a boat launch near Horseshoe Nature Preserve so that there is another location with a lot of parking like the Falls launch and a shorter trip than all the way to Buffaloe from Falls. Paddle Creek location being private and a difficult take out is not a solution.
I would like to see better signage along the river, an improved falls lake dam launch without stairs, and more parking at Buffalo road launch

Make a place to drop in and pull out at 401 by the bridge.
Mostly they are ok. Having a way to drive closer so I do not have to carry a canoe and gear far would be great. Just to launch. Parking a good ways away would be ok. Today we took out at Milburnie on the right side going down river (west side). It's where I saw the sign for this site, (good idea). The trek up to the gate is a long way to carry the canoe and the gate on Raleigh Beach road is hard to get around carrying a canoe. So in general, shorter portages from the car to the launch and back. Also, at this particular place the gravel road has large gravel and I worried about twisting my ankle. Also, another launch between the dam and Buffalo road would be nice. Don't want to sound like a complainer you guys do a great job. Thanks for asking for input.
We always use Anderson Point Canoe Launch for our Relay for Life paddle event in April of each year. We typically are trying to launch 20 to 30 paddlers at one time and we paddle all the way to Oriental which is an 8 day trip. We have made this trip 9 times. The Anderson Point site is the only one large enough for our group to meet and get in the water. It is typically very muddy. In the past two years due to hurricanes and other storms, there is a huge debris buildup at the railroad bridge that is dangerous during high water launches. There also needs to be some toilet facilities on the launch site. We currently use the ones at Anderson Point Park, but it is very difficult to get down in that parking area and turn around with a trailer in tow. Overall it is the best place for us to launch though, all the other sites in Raleigh are way too small for our group. hopefloatsnc.com
Definitely improve put in and take out areas. Include some kind of bathroom facilities. More parking at Elizabeth Dr. would be great.
Family oriented city classes and/or orientations that teach about paddling but also about city facilities and places to practice.
bathrooms
Launches are often for power boats and are difficult to use with kayaks. A kayak or canoe launch would make it much easier to launch
Boats for rent and equipment for rent would be a great addition!! There are many people who would love to paddle the Neuse but do not have access to the correct equipment. This would be a great addition for people looking for outdoor activities in our area.
A concrete slope... the current railroad tie steps are very difficult for carrying kayaks up. they are often muddy and slick
Remove the tree on the right river
It would be nice to have more areas with restrooms. This is a general recommendation for greenways and blueways. The launch areas could have significant improvements including more parking. A public access area around capital would be nice.
The facilities at this spot are good. The Whitewater park being proposed could make it amazing.
Would love love love to be able to get in on Thorton Rd.
protect our water quality so that we can continue to utilize this valuable resource.
Need an access point between Falls Dam and Buffaloe Rd... 10 miles is a little on the time consuming side.
Restroom facilities
Add more launch sites, including Crabtree Creek
This is a great idea.
Consider not just existing paddlers, but also those who don't. I don't have my own equipment so would need rental and shuttle service.
would love to rent canoe or kayaks from Parks and Rec for trips sown the Neuse.
More access for takeouts down stream. It seems like paying for parking at Paddle Creek, or going all the way Buffalo Rd are the only two options
A take out for shorter trips - I often only have a couple of hours.
None.
More (ie Capital and 401) and better sites
We are always going new places. We paddled the whole Neuse one time and now are working on other rivers mainly. DOWnstream, it would be great if the WRC putins extended further into the river so they were not so muddy when the water is low. We would love more parking at Buffalo Rd area, we like that place but cannot guarantee parking. Also,

we'd like a good putin near Cliffs of the Neuse SP. A few years ago that was a very challenging putin, I don't know if it has changed.
Up the fines for littering near and on the Neuse River. Garbage on the river banks has gone up 100 fold since the greenway and boat launches were opened. I suggest a \$2000 fine.
N/A I often launch from my property on the Neuse.
Anderson Point is a mud hole, you can't take out without being covered in mud as well as your paddle craft. Massive log jams at most bridges and other locations are extremely dangerous for paddlers, especially inexperienced ones. I also am concerned that with a big enough rainstorm a bridge could be taken out by the water piling up behind the debris. A big improvement at the launch/take out sites would be racks to rest your water craft on off the ground. Perhaps ask the Boy Scouts for someone looking for some Eagle projects to make some.
I haven't been out on the Neuse much because there is trash out there on the banks and it isn't as clean as I would like.
More access points
The current system of timbers is fairly primitive. It would be great to see a better system in place here. There also needs to be more boat launches, i.e., something between Capital Blvd and Milburnie would be really helpful. So glad you're undertaking this study!
There need to be more public spots to put in/take out. Horseshoe Farms should be a great public launch (and have camping). There could also be a launch near Riverside neighborhood or CASL soccer fields.
We need more public launch spots with better parking. Riverside neighborhood; CASL soccer fields; Horseshow Farms. Also, make it possible for folks to understand how far it is to the next launch and, even better, encourage people to start at the dam and float all the way to the coast.
I would prefer floating docks with ramps like at the Haw River Take-out, Robeson Creek. It would also be nice if the Blueway system put in a standing wave that all rivercraft could use. SUPs, kayaks, canoes and surfboards. AND I agree with Camille Warren more parking is needed. Definitely.
Please improve take outs and add signs to let people know that a take out is coming or how much time left.
More launch and take out points
A regular shuttle or at least one that you can call for transport back to your entry point would be great! Even if it's for a fee.
We are avid fishermen. There is no place for seniors to fish that does not have paddlers around. We need more accessible fishing spaces.
We are avid fisherman. There does not seem to be any place for seniors to fish without paddlers around. We need more accessible fishing spaces.
Sandy Beach access for kayaks!!
More access points for fishing along the Greenway. Safe parking utilizing Improved launch and take out locations from local public roads.
We need more take out points after Falls Dam that are within a 1-3 hour range. A public launch near Capital Blvd., and more options in between Capital and 401. Thornton Rd. Has a nice exit area, but then you have to get your watercraft back to the parking lot, which is 0.5 miles away. More launches with parking that is close by would be a huge improvement.
Wooden walkways and access points to stop the dirt becoming muddy and slippery. Sensible parking for cars.
More Parking at Elizabeth. Upgrading and monitoring of all access areas for safe entry to river. Some kind of marking, flag or pole visible from the river to indicate up coming access. Picnic tables at access points. Signs saying take it in/take it out for trash control.
need to clear our log jams at bridges. this could it make unsafe conditions at higher water flows. need ant easy app to get rivers stats and future release flows for next 12 hrs
Establish camping spots along the Blueway.
Please connect the Neuse Greenway to other Raleigh Greenways on its north end, such as East Fork Mine Trail and Baileywick Trail. Make it possible to commute downtown and connect to functional things by bicycle. Thanks!

What type of activities do you participate in near the Neuse River?

Hunting
---------

I would do camping if there were a place to do it. I'm not sure why camping is a choice since there is no place to do it (at least none that I know of). At Milburnie (depending on water levels) sometimes I do wading in the water. I live near Milburnie and I have heard what sounded like single rifle shots. And there are lots of deer - or at least there used to be a lot more. In the past I have come home around 10 PM to see a dozen deer in the field in front of my house. Maybe the hunters got them and that's why there aren't as many. Or maybe coyotes. In the last few years I began to sometimes hear coyotes at night, especially in the spring.
Swimming
Camp sites would be a great addition.
Would love to see more areas suitable for just hanging out by the water, wading, fishing, just playing...restrooms, clean water sources, Campsites would be amazing, or even just more picnic areas. Boardwalks/ wildlife viewing areas would be cool.
The water is filthy. I gashed my leg two years ago an a tubing event and it ended up getting infected with 7 different aquatic pathogens! I was on antibiotics for a year. :-(
Day camp
Flying my drone
Would like to camp.
Photography--scenic and wildlife
none
We live on the Neuse River. Our everyday lives are centered around protecting and preserving all the land and forest that surround it!
Fishing on the banks and wading in the river behind my property.
Only ever tubed on the Neuse.
It would be nice if there were some places to eat or drink with views of the river.
Rock climbing, swimming

Are you affiliated with a river-based advocacy group or organization? If so, which one?

Carolina Canoe Club
North Carolina State Director of the American Canoe Association
Member of Carolina Canoe Club
Better take outs and easier
Carolina canoe club
Carolina Canoe Club
Carolina Canoe Club, Carolina Kayak Club, American Canoe Association, American Whitewater
Carolina Canoe Club
Yes, Carolina Canoe Club, American Whitewater
Tuscarora Canoe Club
AW
Carolina Kayak Club, Carolina Canoe Club
CCC
WaterKeeper
Carolina Kayak Club, American canoe association
Carolina Canoe Club, American Whitewater
Carolina Canoe Club
American whitewater
Falls Whitewater Park
Falls Whitewater Park
Carolina Canoe Club

Carolina Kayak Club
Carolina Kayak Club
no.
no
No
no
no
No
no
No
Bo
No
No
no
no
No
I am a member of TSCA (Traditional Small Craft Association) of Raleigh. We build and use small wooden watercraft. Would use the Neuse more if it were more accesable and cleaner.
River keepers, Carolina Kayak Club
Haw River Assembly, Eno River Association,
Simply kayaking
Simply kayaking
Simply Kayaking
Simply Kayaking
Simply Kayaking meet up group
No
No
no, how do i become a member of a group
Na
No
No
No
trout unlimited
no
No
NONE
Capital Group Sierra Club and Sound Rivers
No
No
No
No
not now. formerly Carolina Canoe Club
No
OLLI
Yes Falls Whitewater Park Committee, Inc.
none



Upper Neuse Riverkeeper, Sound Rivers
Pamlico Tar River Conservancy (past)
Sound Rivers
None
Carolina Kayak Club and Carolina Canoe Club.
No
no
no
No, but I would like to find ways to connect with other to create ride sharing to be able to shuffle cars to get kayaks/canoes out and back home. You need to advertise reputable guides services to help shuffle

SECOND SURVEY (2020)

Would you like to elaborate on the scores you gave?

Happy to chat
Anderson Point has a problem with debri blocking half the river at the bridge. An inexperienced paddler could be pulled under this and drowned. Needs to be cleaned out.
These sites have not but upgraded or updated in many years. Parking, bathrooms, changing rooms, and better safety are needed at all of the ones I use.
I will use the Blueway if you put a toilet at the Elizabeth Drive location! Currently, I don't use it, but your marketing communication is incentive!
The best canoe access has good parking and a short carry to steps down to the river. Wood steps do not damage boats as you slide then up and down them and they offer good footing so you do not slip. Elizabeth drive has little parking and no steps. Falls lake has good parking, but the steps need wood so the boats don't get all scratched. I think Thornton is a long boat carry from where you can park. Milburnie is a long carry. Poole road is a long carry. Anderson point is almost Ideal but very slippery.
Most sites are steep and muddy with limited parking.
Falls lake is the best but is pretty shallow at the put in location and is often blocked by people fishing or playing on the steps. Elizabeth Dr. is good for kayak access but the parking lot is too small, need to direct bikers and people just using the greenway to Buffalo Rd. Park instead. Thornton Rd. parking is a long way away from the river, further than I want to carry my kayak. I've seen a lot of broken glass in the Poole Rd. parking lot where car windows had been busted out, I probably wouldn't park my car there.
what happened to Horseshoe Farm access??
Falls Lake is by far the best access point of the ones I've used. Well-signed to get there, pretty good amount of parking, easy access to the river.
Would use the blueway system much more frequently if ramp & parking areas were improved.
I agree that facilities really need to be upgraded. Restroom access, tables, etc. I've felt unsafe at Milburnie.
Yes, it feels very unsafe at Milburnie
It's always nice to park close to the "put-in" but the bigger issue for us is the roughness of the "put-in" . Often uneven, jagged, broken concrete or rocks, slippery, extremely muddy (esp. Poole Rd). From the river , there is no way to know where the put-in is until you are right upon it. The opening can be extremely narrow especially if kayaks are coming in and out.
The debris blockages at the bridges are daunting and dangerous. I would also love to see an access around Milburnie Falls to the right side as you come down the river. I think it is possible to get around it now, but not easily, by walking, dragging and climbing up and over with your boat.
Thornton Road is is extremely rough terrain and makes it difficult to take out without injury. More parking is needed at the location as well. The city should look to purchase the Capital Boulevard take out and improve it to a more family friendly access if they are truly interested in using the river as a point of attraction.
Parking and ease of carrying the boat to the water make or break a put in.
The drop and take outs are not user friendly
I would personally like to see improvements to allow large rafts and drift boats access into and out of the river
None combine the parking and easy in/out of the waterways except Falls which is overly busy.
All you have to do is go launch or take out a kayak or canoe from most of these points to know that parking is too far away and too limited, the carries are way too far in several cases, the access points are often steep, narrow, somewhat dangerous and difficult, and or a complete mud pit.
Some are just rough ground to get in and deep to get out
Many of the access points are difficult to walk to and from due to mud and rocks.
No
Not familiar with some of the access points but I know that Falls Lake and Elizabeth Dr are either too steep or not easily accessible or user-friendly. You would have to drag your kayak a long ways to get to the water from the parking lot.
you should include buffalo road canoe launch in this survey.
Outside of Falls Dam, access isn't easy due to parking restraints and how far you often have to transport boats quite far for me to really call it "easily accessible".

All of these launches need upgrades to parking and the boat ramps. They are essentially mud pits with lots of trash. They are rarely maintained and due to river fluctuations often are silted over resulting in a dangerous, slippery situation. The entrance/exit at Milburnie needs to be addressed as it is only suitable for one-way traffic. Fall lake is too slammed on nice days and weekends for paddlers to have space to load/unload equipment. Anderson Point is awkward to use with bike traffic and the log jam under the railroad bridge is nearly impassable. Elizabeth Drive has only a handful of parking spaces and no close overflow which renders it fairly useless. Poole Road is a slippery, muddy mess even on good days. None of the launches have suitable facilities to lock boats to for shuttle purposes. Shuttling to parking away from the launch is frequently necessary due to lack of parking.
There is a nice parking lot for greenway access where it intersects with Auburn-Knightdale Road, but no canoe launch for the river. One is badly needed there. Many folks like to park their vehicles there, so they can haul out, but because there is no launch, it is a rough struggle dragging your boat up the slope there to put it up on your vehicle in the parking lot.
I only know the two I rated but look forward to exploring the others. The kids and I have only taken our kayaks out once at Thornton but it was fine. (But somewhat possible that I am not getting the location right.) We normally put in at the top at Falls Lake access (bank a bit steep to easily get kayaks down into water), and take out at Capital Blvd (unofficial access).
None of the accesses are kayak friendly as there is nowhere to park the kayak while loading it.
Didn't know they existed!
Not enough parking. No room for trailers.
Beaches are preferred as well as nearby parking areas so that access is easy with heavy kayaks or canoes. Most access areas have either beach or parking nearby, but not both.
Add a take out point with parking at Capital boulevard.
Needs signage to show exit point and mile markers while on the river. Need drop off or parking area immediately next to exit points.
Most of the accesses are dirty and need to be cleaned up. Others are way too far away for someone to haul their canoe to the river. The boat ramps need to be concrete.
NA
Take outs are hard to find and not user friendly
Would like more access and parking for half day float trips, acquiring the take out area along us1 would be very valuable to the citizens of Raleigh
The city should look to buy the take out point on Capitol BLvd to add a parking lot.
There needs to be more access points and the current ones need upgraded
Access? There's no easy access anywhere
Elizabeth drive has too little parking and it is hard to turn around if the lot is full. The distance from parking to drop in is pretty far but totally manageable. The drop in area is narrow and would get muddy when wet. Anderson point is a little confusing at first on if you're allowed to drive on the green way to get to the drop in. There was lots of trash and debris and it was not the easiest point to find when getting out of the water.
Would like a kayak takeout point with parking at or near the Capital Blvd/ US1 bridge.
Thornton Rd. access is too far from parking
Thornton Rd. is too far from parking
The poole rd access seems dangerous. There is not much support and the access seems a little steep. The Anderson point access is okay, but a bit far from parking, especially if you are in the from of the lot.
Parking is limited at most access points and a lot of the access points are not clearly visible from the river. When putting equipment in to the river, the access points are cramped and can get crowded
Parking is limited if your using the river and not the greenway. Plus the "ramp" doesn't really exist in most locations. There is no mile markers anywhere and so much debris in the river.
Having a reuse river Blueway green would be nice to get the word out. I just moved by Poole road and was Afraid to kayak.
Finally where are the other parking spots... why stop at poole road?
Any access is nice...some are easier than others to access

<p>The parking situation at Milburnie is terrible and dangerous. The access road is not wide enough for two cars to pass and there is no visibility to see if another car is coming towards you.</p> <p>There is not enough parking at any of these access points. Anderson point has the most but it still fills up in the summer and people park in unmarked spaces and block access.</p>
<p>The exit points should be more clearly marked so people are not stranded on the river.</p>
<p>Not enough parking. Road down to Milburnie is too tight and creates congestion.</p>
<p>I have never used the Falls Lake access but it looks nice. Thornton Rd looks like it is way too far to carry the canoe and all the gear to get to the river. Parking should be closer to the river if it is considered canoe access. I really like the Elizabeth drive location but parking is an issue. It is a very small lot and it gets extremely crowded with bike riders. I also really like Anderson point because it has great access but a lot of trash. Poole Rd is one of my favorite take out spots because it is close to my house, good parking, close to the river and has a rack to put your canoe up on to clean it off. PLEASE PLEASE PLEASE build an access for Auburn Knightdale Rd!!! It will get a lot of use and it is a perfect location.</p>
<p>No question for it, but access at Auburn-Knightdale would be great</p>
<p>Huge resource under underutilized. We need restrooms, convenience concessions and the opportunity to have bistros on the river.</p>

Do you have suggestions for proposed improvements at the existing access points?

Happy to chat
More parking, changing rooms and bathrooms, more police patrols. I never go to Milburnie without smelling marijuana.
More parking, maybe restrooms. Better entries to water with debris cleared regularly?
More parking around Elizabeth Dr. A bigger access at Falls Lake. Also, most of these access points connect to the Greenway. It'd be nice to find an effective way to slow down or divert bikers in the greenway areas between the parking lot and the access point. I've had several times where I feel like I'm playing Frogger with the bikes while trying to carry my kayak.
Better signage along the river for all access points. I paddled right past Anderson Point the first time. Better directional signage to get to Milburnie and then lots more parking there.
More parking at Poole Rd.
Where parking is limited and adding parking is difficult, maybe at least one standalone parking spot for paddlers to unload their canoe/kayak and then find a regular parking spot?
Would like to see more access points on the upper section every 2 - 3 miles.
More access points and better amenities at existing points (bathrooms, lighting, safety, etc.)
Launch locations for boaters should not be on cement slabs or muddy locations. In a wet climate like ours, it becomes a slippery hazard. beach (sand) is best, but grass with erosion controls could work. You may want to consider accessibility in your designs as well that can assist those with varying degrees of physical strength. Therefore, long routes from parking lots to put in are a barrier for some canoeists, sea kayakers, kayakers, etc. Restrooms, outside showers, hoses for cleaning boats are nice..like at Robertson’s Millpond. But bikers and hikers, and fishing folks need guidance on navigation and stopping locations that don’t interfere with each other or boaters. Could there be designated areas for different types of users? Adequate parking for future growth would be needed as well as lighting, for safety . Due to water erosion and debris, these sites should be maintained to avoid hazards. The location near an overpass has potential safety issues for boaters without regular maintenance.
More access points, just better facilities. I am happy that Raleigh has so many parks and outdoor facilities but I wish they would improve on existing facilities before creating new ones. Inadequate parking, trash, and a feeling of the park being incomplete is something I run into at many parks and I feel the same way about these access points.
Better marking from the river, wider river access points, safer entry using engineered design to withstand water flow, erosion etc.
Any on-land improvement (toilets, parking, picnic areas are always nice but the river access is the main draw for us. Safer, easier, well-marked and maintained.
Oh yes, definitely more access points. It is 2-4 hours between any of them now.

Add signs on the river for each access point that includes distance to the next access point
Many cities across the country have invested in actual put in./take out equipment at river access points. This would be wonderful to provide disability access to the river.
Better signage online and along roadways would be helpful. Erosion is also an issue that should be addressed to make the sites safer.
At 401 where lots of people park anyway on private land. It would cut the Thornton to 5401 in half.
Add distance to marks. People are constantly asking us at Horseshoe "how much further?" to Buffaloe
Need an access at the proposed park near 5401.
closer parking to access; smooth/paved access.
Definitely better signage indicating when an access point is coming up or like others said- mileage noted to the next point.
Safer, more accessible access. Easy drop off spots for boats with better parking (overflow parking that's a short walk away?), distance markings between and along access points (with average time estimates for low, average, and high flows), easy warning markers to tell when water is too high and unsafe, more access points on the long stretches).
Grading is terrifically important if the River is to be accessible for all levels of paddlers. A visit to Beaver Dam Lake or Jordan lake would be excellent examples of safe accessibility.
A visit to Beaver Dam Lake or to several entrance points on Jordan Lake would be examples of safe and accessible entries. Grading is important if all levels of experience for kayaks, canoes or paddle boards are to be able to enjoy the Neuse River Trail.
Calling the one at Elizabeth Dr an access point to launch is a stretch. It has no sign on Buffalo Rd indicating location. Parking is inadequate. Try carrying a kayak or canoe down a two foot wide slippery clay foot path down the River bank. A sign by the river bank that can be seen from the river would be nice.
Expanded parking. Roadway improvement to access points. Safety signage. Log Jam removal from bridges
Check for dangerous debris where people step into the water. I’m always scared that I, my kids, or dogs will step on something sharp. Put ins just seem unkept and a bit sketchy. Almost prefer going in from the banks over official access points.
It’s also hard to find access points when on the river. Wayfinding signs from river, trails, and parking areas are needed.
Concrete. Plant trees and flower beds. Clean up trash. Create access points that are close to the river.
Set up areas specific for locking bike or boat for the single riders who park at one spot and bike back to the pick up spot.
Also include access points in the lower stretches of Walnut Creek and Crabtree Creek.
I have not paddled from any of these access points and haven't been to any recently, so I didn't rank them.
More access points with available parking for half day trips would be very valuable to the citizens of Raleigh, acquiring the take out below us1 would be very helpful
I’d like to see more access points!
N/A
More parking at some access. With Covid, access to parking lots later in the day has been difficult
more parking, larger and more access points
Closer parking and clear paths to the river. It is hard to launch at most sites.
More parking. Better signage at each exit point on the river. More information about the distance to each access point and the terrain you will encounter.
We need more parking at the Elizabeth Drive access, it fills up with bike riders and pedestrians way too quick.
Better parking
self serve concessions, restrooms, pit-stops for hikers/kayakers to eat lunch and grab a beer.

THIRD SURVEY (2020)

Overall are you satisfied with the Draft Neuse River Blueway Plan?

Sucks you need 82 pages to convince everyone of the biggest investment to that immediate area. Wildlife and nature combine. 82 pages cmon. Also would be great that once things are developed that they are upkept and not just completed. Trash and parking, landscape needs to be ever evolving. That kayak launch when it was gravel was clean and natural. Then pavement and parking lines came and so did the degradation of the are. Put some money into and quit being cheap cheap. We only have one river to enjoy. Peace
I was hoping to see additional improvements between Falls dam and River Bend. There is a long stretch of river that is inaccessible.. and it takes 6+ hours to "Float" (on a tube) that section of river. What about access at Horseshoe Farm park, or improving/acquiring access at Capital blvd? There also needs to be better public notice of the dam releases, its tough to find that information online
I LOVE all the new or improved launch sites but 69% launch from the dam and there is NOT enough parking there. It is too popular a site (especially with Covid) for the amount of parking. You talk about improving parking elsewhere but not there.
Parking needs to have a much greater prioity.
Parking at Milburnie needs to be a priority. It's so dangerous to drive down into that lot.
Would love to see funding for the Falls Whitewater Park added.
I believe the whitewater park should be a priority. The Raleigh area needs more whitewater paddling opportunities and this park could provide that. A flat water only blueway does not interest me. Whitewater paddlers go to Chatham Co., Durham Co., or Western NC to find good whitewater paddling because there is no such thing in the Raleigh/Wake Co. area.
I am a lifelong resident of the community impacted by the whitewater development. This area is very dangerous for all the traffic it gets to the river / greenway as it is. Cars parked along the roadway, even when parking lots are full make it dangerous for residents (many are elderly) to drive and make turns safely along the curvy Old Falls of Neuse / Fonville Road corridors. Adding MORE reason for MORE people to come and park and disrupt a peaceful neighborhood is poor planning, disrespectful, and dangerous. This area near the dam and the first section of the greenway is peaceful, serene, and should be left alone. Give the whitewater people space on a different, less congested section of the river - not our neighborhood!
Glad to see Falls Park on the Neuse River/Falls Whitewater Park included in the plan. Would like for increased priority for parking and restrooms/changing rooms at Falls Dam. The popular greenway means it is almost always hard to park and the only bathrooms are at the USACE parking lot and they are often out of order. It would also be nice to have access at Capital Boulevard. This is a commonly desired location for access, but there is none since Paddle Creek closed. I appreciate the effort to improve Raleigh's home river!
The falls dam launch is OK, but there are no places to take out anywhere really until Buffalo road. That's a loooong way to paddle.
This is a good start for the upper Neuse. However, the log jams and downed trees that litter the river must be addressed by the city too, NCDOT and CRX only care for river crossings. At the least the city should work with volunteer groups to ensure the navigation of the main river channel.
This seems like an exercise in promotion of an existing waterway. I and most of my friends are already aware of it and know what boat types to use on it. There isn't any cost information that I spotted, and I question the value of it, when plenty of resources already exist that give information on the river.
Perhaps spending the money on construction of a whitewater park at Falls Dam would give more bang for the buck.
You are right-on! A major focus of this project is boosting public awareness. Not enough people know that the Neuse River is right here, and not enough people think of it as a great outdoor recreation opportunity. We are hoping that some relatively low-cost improvements can help change that, and ultimately build broader support for other (larger, more expensive) river-related projects.
Well done. Well thought out.
LIGHTING - complaints about safety could be solved with lighting, no woman will go to a trail alone or with children day or night without lighting. GRAVEL - this would take care of all of the mud and debris causing issues with existing launches.
Poole road is a popular spot to leave the river. The trashcans are always overflowing, there should be more trash cans or more frequent pickup.

As someone who goes tubing frequently on the neuse, some AC outlets or air pumps at Anderson and Milburnie would be useful for inflating tubes.
There 2nd most important issue identified by the community is conservation, yet this is a proposal that deals almost exclusively with access. Please update to incorporate more intentionality behind the riparian conservation and water quality.
I hope there will be more focus on the distance between parking/drop-offs and the river. The 350 feet at the new River Bend doesn't make it friendly at all, especially to solo paddlers or canoes. Let's please not continue discussions about a whitewater park. We don't snow ski in Raleigh because the conditions don't exist to sustain it. I like whitewater too, but go where the whitewater is and stop trying to create it. Nature does its thing. Try to muster interest and investments in a completely man-made center. There will never be a consistent release rate from the dam to support a park there, and even with all of the releases in 2020, I hardly saw any whitewater boats out there playing, and I live right there.
Good overall plan to improve public access; I hope the blueway can be extended to Clayton, Smithfield and downstream.

Do you have any comments or questions about the Draft Neuse River Blueway Plan?

I am excited at the prospect of having so many launch sites. Glad this is getting prioritized.
I'd like to see some thoughts going into having a Whitewater Park (at the base of Falls Dam) that has been in the works now for some at least 6 years looked into.
Signage along the river and public art would make the paddling experience much better. But like others have said, any improvements won't matter if there isn't enough parking to access it. I can't put a kayak on my bike or on a bus.
We need a Horseshoe farm stop at 401. It was in an original Greenway proposal and people use the land next to 401 south of the river to try to access the river and greenway all the time. Plus, when the water is slow, we need more exits.
Also, I'd like to see these water markers/signs you ask for. Living on the river at Horseshoe, people are asking us all the time where the next boatramp is. They are exhausted and try to get out in areas they are not meant to around 401.
We need to assure that downed trees and other dangerous "strainers" are rapidly removed to avoid dangerous accidents.
Removing trees from the river is often more difficult than it sounds. Can be expensive and dangerous in itself. I'm lucky to be alive after stupidly thinking I could reduce the log pile on the left side of Gabriel's Bend on the Haw. On some rivers, this can be accomplished (e.g. Savage River in Maryland before major scheduled releases-they hire an expert contractor to do it though and it is expensive) but usually those are done when the river bed can be completely de-watered. But, at a minimum, maybe signage at put-in's and notifications of where strainers are and how to avoid.
Would love a whitewater park with advertised, planned releases. I understand that there are many competing priorities such as lake level, downstream flooding, rainfall, etc. but at least some amount of notice would be nice. Talk to kayakers about ideal levels. At approx 4,000 cfs, there is a wonderful and powerful surfing wave that is very difficult to catch. A little ramp would solve that problem. Talk to Brooks Burleson, a local boater and stone mason who has built a ramp at the Haw. He knows how to do it rithg.
Thank you for your reply and clarification to my comment about the whitewater park. I fully support the blueway plan and appreciate the opportunity to review and provide feedback.
The riverbend launch that opened yesterday is dark and the ramp is slippery... stop spending money building more “access points” until you fix existing issues.
Easy access to up to date water quality data for those interested in using the river.
Will there be public meetings, (pandemic allowing) going forward?

How would you prioritize the short-term improvements suggested in the Neuse River Blueway Plan?  
Results of this survey will be included in the Next Steps section of the final Neuse River Blueway Plan.

Again: parking! I can ride a SUP like a kayak, so less concerned with other issues than parking. Can't paddle if I can't find a place to park.
H.C. Woody Woodward (OSAPAC)
Fund and follow through with plan for Falls Park on the Neuse River/Falls Whitewater Park. This aligns with other desired improvements in the Falls Dam area.
Address the strainers blocking the river channel.
Improving water quality.
Add gravel or sand to all the existing launches.. concrete launches will become slippery and require more maintenance/money in the long term. Add lighting. Trash cans should be easily accessible and in lighted areas.
Low fruit: improve Anderson & Poole access, take pressure off Falls area, reduce parking conflicts. Can run that reach twice on same day with good flow. Thornton Rd access next, addresses big gap, also may take pressure off Falls if publicize as put-in. Get on with Master Planning & Development of large tracts Falls River Pk and Thornton Rd. Pk. (Drop Mr. Leonard's name! he did nothing to facilitate public good.) Operation: resolve how to make river [relatively] safe re: snags, notifications, instruction, etc. w/ dedicated staff and facilities that support volunteers, build a paddling community. Good work overall - now get funded!





Raleigh  
Parks

Parks, Recreation And Cultural Resources

919.996.3285

[raleighnc.gov/parks](http://raleighnc.gov/parks)





Falls of Neuse Whitewater Park  
Feasibility Study  
Raleigh, North Carolina

City of Raleigh

March 2011



# Falls of Neuse Whitewater Park Feasibility Study Raleigh, North Carolina

## **Falls of Neuse Whitewater Park Steering Committee**

Victor Lebsock, City of Raleigh Project Manager  
Kathy Capps, Steering Committee Chair  
Seth Yearout, City of Raleigh Adventure Programs  
Larry Ausley, Paddler  
Elizabeth Gardner, Paddler  
Bob High, Paddler  
Michael Keeney, Paddler  
Jade Wei, Paddler  
Sarah King, Paddler  
Mark Antonik, Paddler  
Bob Zarzecki, Paddler  
Carol Banaitis, US Army Corps of Engineers  
Thomas Freeman, US Army Corps of Engineers  
Tom Wright, River Mill Condominiums Homeowner  
Alissa Bierma, Neuse Riverkeeper  
Shari Bryant, North Carolina Wildlife Resources Commission  
Chief Frank McLaurin, Swiftwater Rescue  
Russ Scheve, Swiftwater Rescue

## **Prepared by:**

Stewart Engineering and McLaughlin Whitewater Design Group

John T. Jenkins II, PE – Stewart, Principal-in-Charge  
Cindy Szwarczkop, AICP – Stewart, Project Manager  
Garry Walston, RLA – Stewart, Project Landscape Architect  
John Anderson – McLaughlin Whitewater, Project Manager  
Aaron Asquith, PE – McLaughlin Whitewater, Hydraulic Engineer

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#### Appendix I – Public Process

- Steering Committee Meeting #1, January 19, 2010
- Community Meeting #1, January 19, 2010
- Steering Committee Meeting #2, February 15, 2010
- River Mill Community Meeting, March 2, 2010
- Steering Committee Meeting #3, March 8, 2010
- Steering Committee Meeting #4, April 12, 2010
- Steering Committee Meeting #5, July 14, 2010
- Community Meeting #2, July 14, 2010
- Steering Committee Meeting #6, August 16, 2010
- Steering Committee Meeting #7, September 21, 2010
- Steering Committee Meeting #8, October 4, 2010
- Presentation to Parks Planning Staff, October 27, 2010
- Community Meeting #3, November 3, 2010
- Steering Committee Meeting #9, January 24, 2011
- Public Comments:
  - January 19, 2010 Open House
  - Comments Received January through March 2010
  - Comments Received July to August 2010
  - Comments Received November 2010 to Present
- Falls Whitewater Park Committee Petition

#### Appendix II – International Scale of River Difficulty

#### Appendix III – Hydrologic Impacts of Project

#### Appendix IV – Memorandum from North Carolina Wildlife Resources Commission

## I. History/Scope of Project

### **History/Timeline**

When construction began on Falls Dam in 1978, Wake County staff developed “The Falls Lake White Water Study” to consider a whitewater park below the dam. The study found that the tailrace of the Falls Dam was a suitable location for whitewater canoeing. In the mid-1990s, when the Triangle area made a bid for the Pan American Games, the original whitewater park plan was revisited to create a whitewater slalom course. As the Triangle was unsuccessful in this bid, the course was never built. In 1996, the Raleigh City Council adopted the Neuse River Master Recreation Plan which included the possibility of developing a whitewater course within and along the banks of the Neuse River, just south and east of the Falls Lake Dam. In 2003, City of Raleigh residents approved a Park Bond Referendum which included funding for the design of the whitewater park in this area.

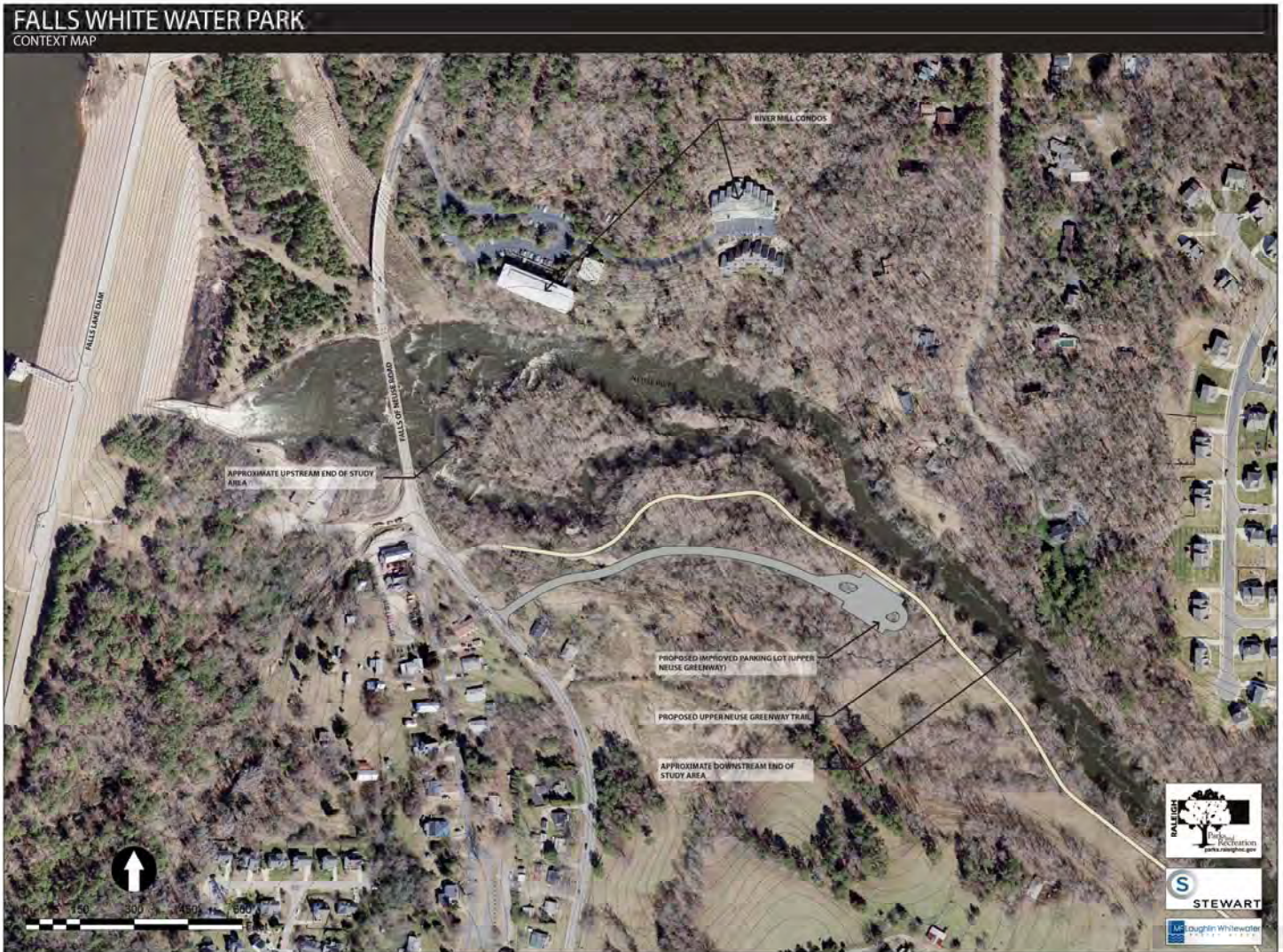
### **Scope of Work**

At the request of the local paddling community, the City of Raleigh issued a RFQ to study installing a paddling feature in the vicinity of Falls of Neuse Road on the Neuse River. The City of Raleigh Parks & Recreation Department and the Raleigh City Council selected Stewart Engineering, with McLaughlin Whitewater Design Group, to prepare a feasibility study to determine if a whitewater course could be developed to allow for the use of the area as a whitewater park during low flow periods as well as protecting the opportunity for continued use of the area during the less frequent high release days. Upon completion of the feasibility study, the design team would then create a conceptual plan and 30 percent design development drawings for the proposed whitewater park. The conceptual plan could then be used by the local paddling community to facilitate fundraising to construct the park.

As noted above, this project is a feasibility study and not a master plan. As suggested by the local paddling community and endorsed by the Raleigh City Council on May 19, 2009, the project included the establishment of a working group (Steering Committee) consisting of Parks and Recreation staff, Army Corps of Engineers staff, and several paddlers who would review and assist in the development of the conceptual plan.

## II. Project Location

The study area for the proposed project is located east of the tail race of the Falls Lake Dam and the Falls of Neuse Road bridge, south of the River Mill Condominiums, and north of the Neuse River Trail (currently under construction). Historically, the paddling community has used this area of the river for practice and play.



### III. Feasibility Study Process

The feasibility study process for the Falls of Neuse Whitewater Park included a Steering Committee led effort that resulted in nine Steering Committee meetings, three Community Meetings, and one meeting with the River Mill Condominium community. All meeting minutes, handouts, and public comments are located in Appendix I. The following is a summary of the public process:

#### **January 19, 2010 - Steering Committee Meeting #1/Community Meeting #1**

- Opening Remarks
- Introduction of Project/Design Team Members
- Vision/Functionality Exercise
- Hydraulic/Hydrology/Constraints Discussion

#### **February 15, 2010 – Steering Committee Meeting #2**

- Welcome and Ground Rules
- Vision Statement and Branding
- Whitewater Park Impact Research
- Engineering Update

#### **March 2, 2010 – River Mill Community Meeting**

- Representatives from the City of Raleigh and Stewart met with the River Mill community to discuss and receive comments/questions on the proposed Falls Whitewater Park project.

#### **March 8, 2010 – Steering Committee Meeting #3**

- River Mill Meeting Update
- Design Criteria Discussion
- Impact Research

#### **April 12, 2010 – Steering Committee Meeting #4**

- Full Value Contract
- Revised Vision Statement
- Branding Discussion
- NCWRC Site Visit Recap
- Webpage Preview
- Survey Update

#### **July 14, 2010 – Steering Committee Meeting #5/Community Meeting #2**

- Hydraulic Analysis
- Feasibility Study
- Preliminary Conceptual Design

#### **August 16, 2010 – Steering Committee Meeting #6**

- Impact of Water Diversion in the North Channel
- Discussion of Dam Images
- Swift Water Rescue Training Needs
- Land Based Elements Discussion/Design Session
- Email from Tom Wright, River Mill Homeowner – Steering Committee Member

#### **September 21, 2010 – Steering Committee Meeting #7**

- Hydrology/Hydraulic Analysis Update
- Conceptual Design Wish List
- NCWRC Memorandum on Fish Passage

**October 4, 2010 – Steering Committee Meeting #8**

- Fish Passage Discussion
- Final Water Based Issues Discussion
- Final Land Based Issues Discussion
- Vote on Design Approval

**October 27, 2010 – Presentation to City of Raleigh Parks Planning Staff**

- Stewart Engineering presented the proposed Falls Whitewater Park conceptual drawing and 30% Design Development drawings for review/questions by City staff.

**November 3, 2010 – Community Meeting #3**

- Project Overview
- Public Involvement Process
- Program Elements (Water and Land Based)
- Project Design Presentation

**January 24, 2011 – Steering Committee Meeting #9**

- Schedule and Next Steps
- USACOE Clarification on Boating/Features Upstream of Bridge
- Flow Clarification
- Mechanical Weir Discussion

**Future Presentations/Meetings**

- Parks Recreation and Greenway Advisory Board – March 17, 2011
- Parks Recreation and Greenway Advisory Board Action Meeting – April 21, 2011
- City Council – May 3, 2011 (Tentative)

## Vision Statement and Branding

The vision statement and branding (naming) of the proposed park were developed through the Steering Committee process.

**Vision Statement:** “To create a river park that provides multiple water-based recreational and educational opportunities throughout as much of the year as possible with the known historical release levels. The river and its natural habitat will be enhanced and celebrated through the creation of this project.”

**Branding:** The branding/naming of the project was discussed over the course of three Steering Committee meetings. City staff noted that the naming of City parks is mostly based on geography, not for a specific person, and that the park/facility will officially be named through the master plan process. The agreed upon name/brand for the feasibility study and to be utilized in private fundraising is *Falls of Neuse Whitewater Park*.



## IV. Ideal Program

During the development of the Feasibility Study, the Steering Committee offered direction on the water and land-based elements that should be included as part of the project. The following items were excluded from consideration.

- National/regional competitions.
- Electronics: night lighting, buried communications wiring, etc. – The facility will operate on a dawn to dusk schedule, precluding the need for lighting.
- Pedestrian bridge to the island.

### Location of Whitewater Course

The project area encompasses the South Channel from the Falls of Neuse Road Bridge to a point 600 feet downstream of the confluence of the North and South Channels. This defines an area which includes approximately 2,300 feet of river. The total hydraulic drop in this reach is approximately 11.6 feet confirmed by a survey conducted in 2009/2010; an average of .5 percent. This location was selected as it is the only current area along the Neuse River where there is enough vertical change in elevation to accommodate this type of facility.



*Figure 1: Upper reach of South Channel and recommended site of whitewater improvements.*

### Correlation of Course Gradient and Length

The gradient range of whitewater courses is between 0.5 percent and 2 percent. One percent is the average gradient for moderately challenging “drop and pool” whitewater parks constructed today. The drop and pool configuration is the most popular because it provides waves and holes for practicing skills.

### Course Location

Approximately seven feet of gradient is located in the upper 600 feet of the project area. This area is characterized by bedrock ledges riffles and small pools—and is indicative of a moderately high gradient river reach. Downstream of this point to the confluence, the gradient is flatter, with continuous riffles, fewer bedrock outcrops and no abrupt drops. The river bottom is cobble and gravel with areas of silt on the margins. Downstream of the confluence the river changes character to a very low gradient reach with no bedrock. The upper end of the large island is assumed to be composed of some high bedrock formations overlain by alluvial soils. The downstream end of the island in the area of the confluence is assumed to be all alluvial soil underlain by bedrock.

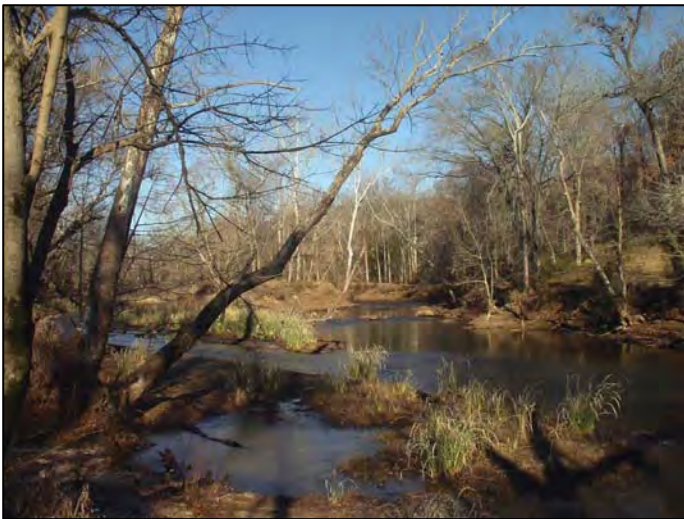
### **Selected Project Area**

The course is located in the upper third of the project area, starting near the Falls of Neuse Road bridge and extending down the South Channel. This area contains over half of the usable drop. A longer course extending to the confluence would only capture an additional three feet of drop but would increase the cost due to the additional bank protection that would be required.

If the same course were to be constructed in the downstream half of the project area, it would be considerably less economical than the upper reach for several reasons:

1. Higher and more massive structures would be needed to transfer the existing gradient downstream.
2. Transferring the gradient to the lower part of the channel may create significant hydraulic head losses.
3. The course would be perched several feet higher than the adjoining North Channel, and there would be a natural tendency for water to seek the lower grade. To resist the long term effects of seepage as well as flood over topping, the downstream end of the island would need to be fortified and a lateral seepage cutoff wall would likely be needed.
4. The north river bank at the confluence is private property. Construction on the north bank (bank armoring and drop structure abutments) would require permanent easements for construction and maintenance.

In summary, the native fall of the upper third of the project area will support the proposed 600 foot-long course. By inspection, the utmost upstream end of the site is the most economical option and the one with least apparent impacts to the banks and surrounding vegetation.



*Figure 2: Confluence of North and South channels at downstream end of study area.*



*Figure 3: Midpoint of South Channel, recommended end of whitewater park.*

## **WATER-BASED PROGRAM**

The Steering Committee desires that the whitewater park site serve local and regional citizens as an anchor for activities that include hiking, biking, walking, fishing, and passive viewing. While this community effort is one the City would embrace as a source of great pride, there are no plans to promote visitorship from outside the immediate geographical area. It should be noted that the United States Army Corps of Engineers (USACOE) has a mandated release regimen which prescribes the releases from Falls Lake. In over 80 percent of days, on an annual basis, the releases from the lake are very low.

As directed by the Steering Committee, the proposed Falls of Neuse Whitewater Park includes the following elements: course features, access, channel construction, hydraulics, and special events/programs/users.

### **1. Course Features**

- Provide course with play waves (2 to 3).
- Hydraulic flow and course difficulty.

The proposed whitewater course responds to the water-based program items by providing a course with the following features:

- The hydraulic profile with three abrupt drops is geared toward recreational boating and local freestyle competition. This configuration with drops separated by pools is the most popular for general users although is acceptable for slalom races and down river boating. The drops will have a variety of hydraulic forms ranging from beginner waves to an intermediate hole (the upstream-most drop). In response to Steering Committee member's requests, the drops have a slightly different alignment so that the approach and exit angles vary. The hydraulic forms should be refined in final design either with three-dimension modeling or a physical model.
- Each drop is separated by a pool varying in length from 125 feet to 150 feet. The pools provide areas for self rescue, resting and queuing space for waiting one's turn to surf on the wave. The pools are excavated into the river bottom, which provide the water depth needed to float the course during low flow and to help the formation of play waves. The water depth will also enable "mystery moves" where the participant deliberately submerges his boat on an eddy line.

The course is designed for a flow range of 200 cfs (cubic feet per second) net in the South Channel up to approximately 1000 cfs net. This higher flow corresponds to a bank full condition of approximately 5,000 cfs total flow in the river. In this flow range the technical difficulty of the course would range from Class II to Class III on the International Scale of River Difficulty (see Appendix II).

The three constrictions concentrate the low flow to the center of the channel and create the whitewater drops and adequate depth for navigation. The hydraulics at the drops and the deep pools will accommodate the range of desired recreational and training programs listed above. At the range of operating flows above 200 cfs, the water will be of sufficient depth for trick boating moves and floating over the drops without hitting or scraping bottom. Fifty cfs is the likely minimum flow for the course to be navigable in standard whitewater canoes and kayaks.

## **2. Access**

- A new put-in just upstream of the Falls of Neuse Bridge but outside of the restricted area below the spillway.
- Intermediate take out at the downstream-most pool at the end of the whitewater improvements.
- A take-out at the existing canoe launch.
- Access at various points along the whitewater course.
- Access downstream of the features, to minimize congestion in staging areas.
- Staging eddies above features.
- A continuous hardened area at the water's edge along the right bank (looking downstream) that is capable of withstanding foot traffic, including bank stabilization.

Access to the water is necessary to enter and exit the course and for self rescue at any point along the course. Self rescue is made possible by the low slope banks which are armored with large rocks that provide hand holds and footholds (presently the banks are high and nearly vertical at some points). The upper edge of the bank armoring is a continuous large boulder edge that is capable of withstanding foot traffic, albeit with limitations. It will not be a formal pathway or ADA accessible. The boulder surfaces will be natural rock with uneven faces, cracks between boulders and boulder faces that will not align with one another. This will allow a visitor to pick their way along the boulder edge, thus keeping traffic off the adjoining planted areas which are more susceptible to damage or erosion.

The put-in and new intermediate take-out areas shown on the conceptual plan provide formal access to the water and are ADA compliant with regard to surface treatment and slopes. The put-in is edged with large boulders which allow a wheelchair bound participant to transfer from the chair to a boat more easily. The grade of put-in and takeout is set at 6 to 12 inches above the 200 cfs water surface elevation, a dimension that will diminish as the flow increases and the water rises. The put in is designed for a "seal launch" and the takeout enables beaching the boat or sidling up to a hard edge and lifting oneself out of the boat. The Americans with Disabilities Act does not provide specific guidance for canoe and kayak launches, and it is assumed that a disabled participant will have the skills and strength/or manned assistance to participate in the sport.

## **3. Channel Construction**

- Utilization of south channel.
- Stabilization of existing banks.

The course is designed to take advantage of the bedrock river bottom that dominates the geology of the site. The proposed structures which span the river and create the hydraulic formations will be built of faux rock to simulate the appearance of the river's natural rock. The construction of the faux rock features are shown in the conceptual plan and the 30% design development drawings. The rocks consist of a grouted rock core faced with high strength, reinforced concrete with integral color, stain and texture to look like natural rock. The uppermost drop is built over a natural ledge at the head of the South Channel, the lowest point of which (the invert) is elevated slightly over the existing grade. The inverts of the lower two drops are below the existing grade of the



river, so the whitewater drop is created by lateral constrictions.



The river banks in the project area are presently being undercut by water action, causing banks to slough into the river and trees to fall over and block the channel. The Falls of Neuse Whitewater Park project will reduce erosion with armoring and by improving the bank geometry. The geometric improvements include a lower overall slope to the banks (they are nearly vertical in some locations). Both banks will be laid back at a minimum 2:1 slope and armored with un-grouted rock to withstand the additional water velocity and foot traffic. The river right (looking

downstream) bank will have a large boulder edge that conforms to the normal high water elevation at 4,000 cfs and marks the transition between armored rock and planted shoreline. The planted shoreline is underlain by buried rip rap to help withstand erosion until the trees and other plantings become established. When mature, the trees and herbaceous plants on the forest floor will stabilize the soil, and together with the armored shoreline will resist the undercutting which is currently active at the site. The base budget includes quarried rock for the shore armoring with an option for more aesthetically pleasing river rounded rock (at additional cost). The shore armoring also includes large feature boulders with one flat surface for seating. Solitary feature boulders will be placed at random intervals and in groups to add visual interest and variety.

#### 4. Hydraulics

- Increased number of boating days.
- No impact to the 100-year flood plain.
- Recovery pools between drops.
- Calm water at eddy exits to encourage beginner's use and maximize time before flushing.
- Deep, long eddy lines for mystery moves.
- Diversion weir for augmenting flow to the course.
  - 1) Option 1 – Fixed Crest Diversion
  - 2) Option 2 – Movable Crest Diversion
  - 3) Option 3 – Less Effective Crest Diversion

The project is located just downstream of Falls Lake Dam where the river bifurcates at a large island into two distinct channels. The South Channel is the desired location for whitewater features; however, it receives the minority of the river flow. This analysis presents an estimate of the number of boating days in the South Channel with and without a diversion weir.

## Hydrology/Boating Days

Water at the site is highly regulated by the Army Corps of Engineers' Falls Lake Dam. The purpose of the dam is flood control, water quality, water supply, and recreation, but it does not include special releases for whitewater boating. Therefore no special releases are contemplated by this project.

This analysis uses historic data from USGS Gauge No. 087183 located just downstream of the Falls Lake Dam outlet. The gauge is less than 200 yards from the project site with no significant inflow other than the dam and is therefore an excellent indicator of site hydrology. The years analyzed start in 1985, the year that Falls Lake was filled, to 2009, the most recent full year of records. It should be noted that the historic data from USGS is the average daily flow and not instantaneous flow, which tends to smooth any fluctuations in water release from the dam. Therefore there will likely be more periods of boatable water than presented due to high flow during some hours of the day but not others. Key hydrologic statistics<sup>1</sup> include the following:

- Drainage area 771 square miles
- Long term average discharge: 765 cfs
- Highest known flood (18 September 1945): 20,700\*
- \*(23,300 cfs published by U.S. Geological Survey)
- Maximum discharge: since filling of dam: 7,462 cfs (9/15/1996 --Hurricane Fran)
- Regulatory 100 year event: 11,100 cfs

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean	692	966	1277	1017	427	314	304	268	441	374	398	616
Median	247	426	517	367	171	165	164	167	165	167	128	151
85th Percentile	70	106	146	137	125	120	121	129	125	116	80	66

Figure 4: Table of Mean, Median and 85 Percentile Flow (cfs)

Note: the median flow is the most reliable indicator of actual conditions in the river, as high flow events can skew results in a river where low flows are the norm.

This analysis presents the estimate of useable boating days in the South Channel based upon the following Steering Committee, agreed upon criteria:

1. Useable boating days are defined as a minimum net flow of 200 cfs in the South Channel. This corresponds to the low range of discharge in man-made whitewater parks of similar channel width and fall. Boating and other water activities will be possible and popular at lower flows; however, the quality of the experience is subjective. To eliminate subjectivity, the 200 cfs was selected as an objective cut off because it corresponds to what customers will pay for at other courses where admission is charged. At the Steering Committee's request an analysis of minimal navigation using 50 cfs net flow in the South Channel has also been included.
2. Days where flows are high, nearing a bank-full condition have also been discounted. This flow is approximately 4,000 cfs and eliminates only a small number of days due to the flood control and water management at the Falls Lake Dam.

<sup>1</sup>Source: US Army Corps of Engineers.



### Flow Split at the North/South Channels

The early hydraulic analysis of the flow split relied on visual observations, one-dimensional computer modeling (Hec Ras) and hand calculations. With this it was estimated that the south channel captured 20 to 30 percent of the river flow. It was observed that there was significant cross flow at the head of the island as water crossed from the south side of the river to the north. Because of the limitations of one dimensional modeling to describe crossing flows, a two-dimensional analysis was performed using SRH2D software with SMS for pre and post processing. This two-dimensional analysis showed that the early estimates of flow capture were too high. The two dimensional modeled flow split is shown in Figure 5:

<b>Estimated Existing Flow Split</b>					
Total Flow (cfs)	South Channel Flow (cfs)		North Channel Flow (cfs)		
100	25	25%	75	75%	Interpolated
200	48	24%	152	76%	Modeled
500	78	16%	422	84%	Interpolated
1000	132	13%	868	87%	Modeled
2000	260	13%	1740	87%	Interpolated

Figure 5: Modeled/Interpolated Flow Split between North and South Channels.

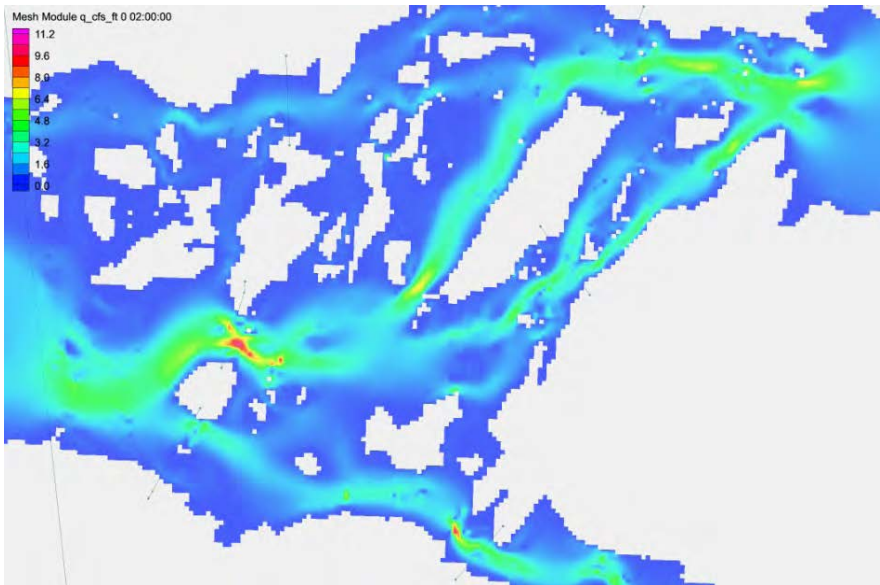


Figure 6: Model output for 200 cfs Flow Split, Existing Conditions

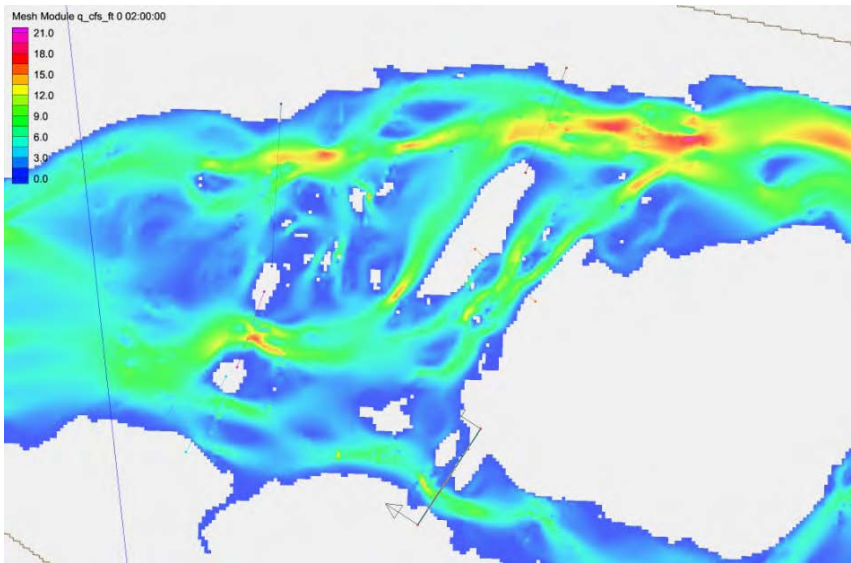


Figure 7: Model output for 1000 cfs Flow Split, Existing Conditions

Based upon the 2D analysis, approximately 1,500 cfs total river flow would be needed for the South Channel to receive 200 cfs, the lower range of boating according to the criteria. An analysis of boating days from historic flow data shows that on average there are only 35 days per year that meet the recommended 200 cfs flow in the South Channel and 165 days of the minimum 50 cfs flow. Therefore a diversion weir was considered<sup>2</sup>. The monthly distribution of existing boating days is shown in Figure 8.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	All Year
50 CFS flow in South Channel (existing)	17	23	27	23	10	9	9	4	6	8	9	14	165
200 CFS flow in South Channel (existing)	5	5	7	6	1	1	1	1	1	1	2	4	35

Figure 8: Boating Days by Month without Diversion

### Diversion Weir

The early diversion criteria, proposed to divert water at the median flows leaving the lower and higher flows unchanged, were developed following the initial Steering Committee meeting in January 2010. The fixed crest diversion (Option 1) was designed to be most effective during the 500 to 2,000 cfs range with diminished effects at higher and lower flows. However, the NCWRC concerns over lowering the flows in the North Channel during the spring fish migration period (if/when Milburnie Dam, located downstream, is removed to facilitate fish migration) led to renewed discussion of a movable or mechanical diversion weir (Option 2).

The movable or mechanical diversion weir would be lowered from March through May to maintain the normal flows in the North Channel as much as possible. An analysis of the movable diversion, however, revealed that many of the added boating days occur in the spring and would be eliminated by the movable weir. This led to a third option of a smaller fixed crest diversion that would leave more water in the North Channel during fish migration season, but would yield more boating days than the movable diversion weir.

<sup>2</sup> This figure is lower than the original boating 45 days presented in earlier drafts. This is due to an error in the number of years used in computing the averages.

## Option 1 Fixed Crest Diversion

The fixed crest diversion is a notched weir. The low flow notch in the weir serves to maintain the low flow in the North Channel by allowing low flow to pass unimpeded. As the flow increases towards 500 cfs, the water backs up behind the diversion and flows more strongly into the South Channel. As the water rises further it flows over the top of the diversion and preserves the existing flows in the North Channel and preserves the overall conveyance of the river during high flows. Target diversion is shown in Figure 9.

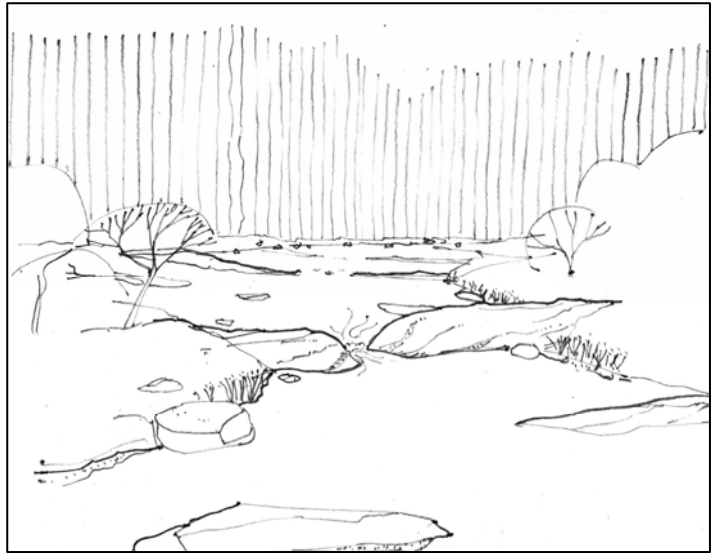
<b>Existing vs. Proposed Conditions (South Channel)</b>					
Existing Flow in South Channel			Proposed Flow in South Channel		
River Discharge	Existing Flow		Proposed Flow		Net Difference
(CFS)	(%)	(CFS)	(%)	(CFS)	(CFS)
100	25%	25	25%	25	0
200	24%	48	25%	50	2
500	16%	78	40%	200	122
1000	13%	132	40%	400	268
2000	13%	260	25%	500	240

<b>Existing vs. Proposed Conditions (North Channel)</b>					
Existing Flow in North Channel			Proposed Flow in North Channel		
River Discharge	Existing Flow		Proposed Flow		Net Difference
(CFS)	(%)	(CFS)	(%)	(CFS)	(CFS)
100	75%	75	75%	75	0
200	76%	152	75%	150	-2
500	84%	422	60%	300	-122
1000	87%	868	60%	600	-268
2000	87%	1740	75%	1500	-240

Figure 9: Existing vs Proposed Flow - Fixed Crest Diversion (Option 1)

Diversion Option 1 – a faux rock weir with a low flow notch (shown at low flow).



<b>Boating Days at 200 CFS Flow With Fixed Crest Diversion</b>													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	All Year
Existing Conditions with no Diversion	4.56	5.36	6.88	5.68	0.72	0.72	1.12	0.8	1.32	1.16	2.16	4.04	34.52
Proposed Fixed Crest Diversion	10	12.2	14.56	11.44	3.68	2.68	2.08	2.4	2.8	2.84	5.36	7.72	77.76
Increased Days	5.44	6.84	7.68	5.76	2.96	1.96	0.96	1.6	1.48	1.68	3.2	3.68	43.24
Percentage Increase	<b>119%</b>	<b>128%</b>	<b>112%</b>	<b>101%</b>	<b>411%</b>	<b>272%</b>	<b>86%</b>	<b>200%</b>	<b>112%</b>	<b>145%</b>	<b>148%</b>	<b>91%</b>	<b>125%</b>

Figure 10: Boating Days with Fixed Crest Diversion (Option 1)

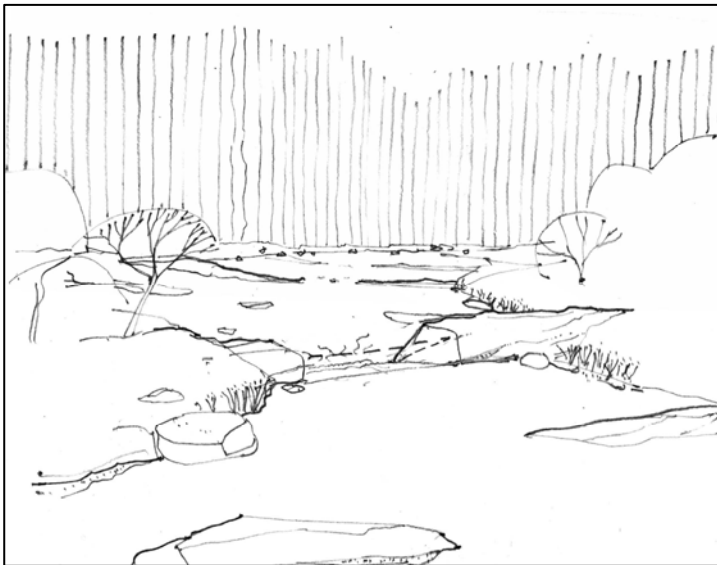
## Option 2 - Movable Crest (Mechanical Weir) Diversion

The NCWRC expressed concerns (see the NCWRC memorandum in Appendix IV) with Option 1, Fixed Crest Diversion, with regard to future fish passage through the project area. The North Channel will be the primary passage for shad, striped bass and other migratory fish since it has the deepest water and because the South Channel would be constricted with whitewater drops, causing potential blockages. The proposed lower flow in the North Channel, and resulting reduction in water depth, could prevent fish from passing. (This would have to be confirmed with field measurements using known data for the fish's preference of water depth and velocity.)

The movable crest diversion, as shown in the drawing below, would alleviate some of the concerns expressed by the NCWRC by maintaining more natural flow conditions during the critical migration period of March 1 to June 1. Upon analysis of the impact of the movable crest diversion it was determined that a third of the added boating days would be eliminated due to the diversion being unused during the spring, the time when most of the added days are available. Figure 11 shows the results.

Boating Days 200 CFS Flow	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	All Year
Existing Conditions, No Diversion	4.56	5.36	6.88	5.68	0.72	0.72	1.12	0.80	1.32	1.16	2.16	4.04	34.52
Proposed With Fixed Crest Diversion	10.00	12.20	14.56	11.44	3.68	2.68	2.08	2.40	2.80	2.84	5.36	7.72	77.76
Proposed With Movable Crest Diversion	10.00	12.20	6.88	5.68	0.72	2.68	2.08	2.40	2.80	2.84	5.36	7.72	61.36
Increased Days	5.44	6.84	0.00	0.00	0.00	1.96	0.96	1.60	1.48	1.68	3.20	3.68	26.84
Percentage Increase	119%	128%	0%	0%	0%	272%	86%	200%	112%	145%	148%	91%	78%

Figure 11: Boating Days with Movable Crest Diversion (Option 2)



*Diversion Option 2 – a moveable crest diversion shown in the down position. Dashed lines indicate the raised position. The center portion is made of a composite material or steel. The abutments are faux rock.*

### Option 3 - Smaller Fixed Crest Diversion

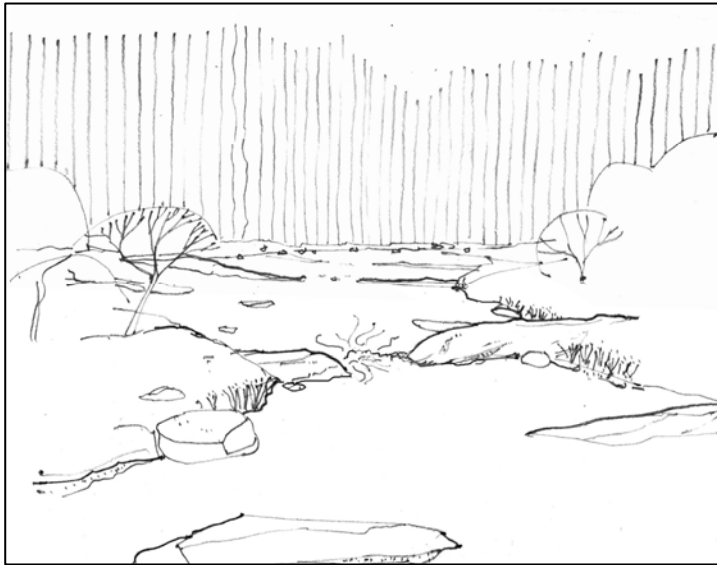
Consideration of the movable crest diversion and its disadvantages of the lost boating days and potential future maintenance costs led the design team to consider an alternate fixed diversion. A smaller fixed diversion would leave more flow in the river and attempt to match the performance of the movable crest diversion. As a trial run, the design team utilized the following criteria: provide 200 cfs boating flow midway between the existing condition (1,500 cfs) and the proposed Option 1 (500 cfs total river flow). In this option the boating flow would begin at 1,000 cfs.

<b>Existing vs. Proposed Conditions (North Channel)</b>					
Existing Flow in North Channel			Proposed Flow in North Channel		
River Discharge	Existing Flow		Proposed Flow		Net Difference
(CFS)	(%)	(CFS)	(%)	(CFS)	(CFS)
100	75%	75	75%	75	0
200	76%	152	76%	152	0
500	84%	422	80%	400	-22
1000	87%	868	80%	800	-68
2000	87%	1740	80%	1600	-140

<b>Existing vs. Proposed Conditions (South Channel)</b>					
Existing Flow in South Channel			Proposed Flow in South Channel		
River Discharge	Existing Flow		Proposed Flow		Net Difference
(CFS)	(%)	(CFS)	(%)	(CFS)	(CFS)
100	25%	25	25%	25	0
200	24%	48	24%	48	0
500	16%	78	20%	100	22
1000	13%	132	20%	200	68
2000	13%	260	20%	400	140

Figure 12: Existing vs. Proposed Flow with Smaller Fixed Crest Diversion



*Diversion Option 3 – a faux rock weir with a wider notch. The wider notch leaves the lower and moderate flows unchanged in the north channel.*

<b>Boating Days 200 CFS Flow</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
Existing Conditions, No Diversion	4.56	5.36	6.88	5.68	0.72	0.72	1.12	0.80	1.32	1.16	2.16	4.04
Proposed With Smaller Fixed Diversion	6.84	9.90	11.50	9.00	2.20	2.50	2.10	2.05	2.80	2.75	4.85	7.50
Increased Days	2.28	4.54	4.62	3.32	1.48	1.78	0.98	1.25	1.48	1.59	2.69	3.46
Percentage Increase	<b>50%</b>	<b>85%</b>	<b>67%</b>	<b>58%</b>	<b>206%</b>	<b>247%</b>	<b>88%</b>	<b>156%</b>	<b>112%</b>	<b>137%</b>	<b>125%</b>	<b>86%</b>

Figure 13: Boating Days with Smaller Fixed Crest Diversion (Option 3)

As noted in the preceding figures, and due to the necessity for fish passage from March to May, the smaller fixed crest diversion is recommended, adds to the annual boating days exceeding the performance of the movable crest diversion. It also avoids the capital and maintenance cost of the movable gate. The Steering Committee, during the January 24, 2011 meeting, voiced approval for Option 3 which offers a compromise between Option 1 and Option 2.

In addition, at the January 24, 2011 Steering Committee meeting, members also voiced unanimous support for the following motion that would delay consideration of fish passage design elements until environmental review and permitting of the project:

"It is the opinion of the NCWRC that if Milburnie Dam should be removed or other fish passage provided around Milburnie Dam, diadromous fish might traverse up river to the Falls of Neuse Whitewater Park. The Steering Committee is amenable to design elements if necessary that will allow for the passage of diadromous fish up river, should this dam be removed or other fish passage provided around Milburnie Dam. The details of which will be resolved during the environmental review and permitting process."

## **5. Special Events/Programs/Users**

- Allow multiple users (kayakers, canoeists, tubers, fishermen, etc.).
- Informal citizen races.
- Local slalom and freestyle events targeted at experienced boaters in those disciplines.
- Events/course programming for beginners, families, and children.
- Per event or demand slalom gates.
- Swift water rescue training.

A key consideration in the development of the feasibility study was to ensure that the proposed whitewater park could be utilized by multiple user groups, not just for whitewater kayaking. The proposed design will accommodate fishermen, those merely interested in viewing, and other river enthusiasts. On days when the cfs flow is not sufficient to support whitewater kayaking it is anticipated that the area will be utilized for other river recreational uses such as tubing.

### **Competitive Events**

The course is 600 feet in length including portions of the start pool and the pool downstream of the last drop. The hydraulics at the ledges will support local freestyle events at the 200 cfs flow level, but due to the infrequency of high flows it cannot support regularly scheduled events. A scheduled event would be possible through a special release from Falls Lake Dam; however, releases for recreational purposes is not part of the dam's authorization<sup>3</sup> and as such can not be a requirement of this project.

For whitewater slalom, an Olympic event, the minimum course length is 250 meters (820 feet) and the maximum course length is 400 meters (1312 feet). The minimum course would have to include a portion of the natural channel downstream of the project. The slalom event and slalom training requires gates to be suspended over the

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<sup>3</sup> Thomas Freeman, USACE personal communication



river by wires. For events, the gates are installed temporarily and taken down afterwards. Training gates could be left up all year. Training gates require a dedicated group to maintain and pull aside when not in use so as not to inconvenience other course users. The gates would be subject to periodic damage by floods and the suspension wires are a possible source of conflict with fishermen whose lines could become caught on them. As noted above, permanent power, communications and wiring for events are not included in the project, so these items would need to be added on an as-needed and temporary basis.

Citizen races and family events would not be subject to the same requirements as more formal events so they could be held more frequently.

### **Swift Water Rescue**

The course will be usable by swift water rescue personnel for training. The abrupt drops and deep pools between the drops will provide adequate depth for swimming and wading as well as hydraulics for tethered boogie board training. Tie-off points to the shore will be available in the cracks and spaces between the loose boulder edge, though the anchoring mechanisms would have to be provided by the users. Rescue groups requested midstream pinning points and a submerged automobile for rescue training. These two items are not provided in the base project but may be added on an as needed basis, provided that they obtain any necessary environmental permits. It should be noted that pinning points and other obstructions should be temporary installations, as they could impede the use of the course by other groups.

## **LAND-BASED PROGRAM**

As a compliment to the Falls of Neuse Whitewater Park, the Steering Committee desires to create amenities to serve the park, including upgraded parking facilities with pedestrian access and enhanced landscaping along the riverbank and between the park and parking areas. It is also critical that the new access routes and support facilities be seamlessly integrated into the Neuse River Trail, which is currently under construction immediately adjacent to the proposed park.

Therefore the proposed Falls of Neuse Whitewater Park includes the following elements: access/accessibility/circulation, bathroom/changing facility, spectator viewing area, shoreline stabilization, and signage/lighting.

### **1. Access, Accessibility, and Circulation**

- ADA access.
- Existing drive access improvements.
- Improvements to canoe launch.
- Parking needs, including accommodations for boaters.

The new Whitewater Park will be located in an area that makes it impractical to utilize the existing parking facilities at the dam, or at the canoe launch area to the east as primary parking areas. In order to accommodate the additional vehicular traffic at the park, a new paved parking lot will be provided just south of the access drive from Falls of Neuse Road to the existing canoe launch. Improvements to the drive are currently under way. The proposed parking lot is designed for thirty-nine cars and boat trailers, or forty-nine cars. Parking spaces designated for boaters will be wider than the standard parking spaces to allow for side loading and unloading of kayaks, canoes, etc. Early in the design process, parallel parking along the canoe launch access road was considered, but was deemed to be an impediment to circulation, and therefore removed from consideration.

A locking gate will be provided at the entrance from Falls of Neuse Road. Initially, this gate will remain unlocked except during adverse weather or flood conditions in order to protect the public. There was much discussion among the steering committee members of how to monitor and control access to the Falls of Neuse Whitewater Park. The City of Raleigh is currently considering methods to control access to city parks after hours, and these methods may be implemented at the site in the future. As planned, the Whitewater Park will be in operation from sunrise to sunset.

The parking lot will contain accessible parking spaces, and an accessible route will be provided from the parking facilities to the put-in and take-out areas for the Whitewater Park. Direct access to the put-in and take-out areas will be provided by a series of stairs and connected sidewalks. Pedestrian access to and along the river is designed to minimize conflicts between disparate users, such as fisherman, greenway users, and boaters. A more direct route for people carrying kayaks or canoes has been created apart from the accessible routes.

During early Steering Committee meetings, improvements to the existing canoe launch were discussed, with particular attention paid to ADA accessibility. It was determined

that the canoe launch area is outside of the current scope of the Whitewater Park project and that any improvements to that facility would be made as part of the Neuse River Trail greenway construction project.

## **2. Bathroom/Changing Facility**

- Provision of public bathroom facilities.
- Indoor/outdoor shower facilities.
- Changing area.

The feasibility study for the Whitewater Park includes bathroom and changing facilities for park users as a future phase of the development. These facilities are outside of the current scope of the project, but should be considered in the context of an overall master plan for a future City of Raleigh park on the property. This building would include ADA accessible bathrooms, changing areas and indoor and outdoor shower facilities. The current plan is for a building approximately five hundred square feet in size. The building would be available to all park users, as well as greenway users during normal hours of operation. This building would be constructed adjacent to the ADA accessible parking spaces in the new parking lot.

## **3. Spectator Viewing Area**

- Seating capacity.
- Use of natural materials.
- Maximum vantage point.

A spectator viewing area will be provided across the Neuse River Trail from the first drop in the Whitewater Park. This area will provide seating for a maximum of seventy-five people, including an ADA accessible area. The seating will be incorporated into the side slope of the approach ramp for the Falls of Neuse replacement bridge, providing an elevated vantage point that allows viewers to see downstream along the entire length of the whitewater course. This seating area will be accessed directly from the Neuse River Trail. Careful consideration has been given to selection of materials for this area, and local, natural materials including wood and stone will be used where possible to construct the viewing area.

## **4. Shoreline Stabilization**

- Repair, re-vegetation, and protection of river bank and riparian buffers.
- Screening of parking facilities.
- Removal of invasive plants.

As noted in the water based elements section of this feasibility study, there will be significant changes along the river bank along the north and south banks, including reshaping of the bank to repair decades of erosion and undermining of the bank. This will provide a great opportunity to remove invasive plant materials from the bank that have established over decades, and replace them with more native and local trees and shrubs. In time, the new plantings, in conjunction with shoreline armoring, will provide a healthier, natural protective riparian edge for the river, helping to reduce erosion from dam releases and abnormally high water conditions.

A similar approach will be taken to enhance the shoreline stabilization on the north side of the northern channel along the River Mill Condominiums property line. At the final Steering Committee meeting on January 24, 2011, the Steering Committee voted (seven to three with one abstention) to include the stabilization effort as part of the final construction documents and permitting for the project. The City will work closely with the River Mill community to provide a natural vegetated shoreline that enhances the river bank while meeting environmental requirements.

Additionally, landscaping will be installed to enhance and screen the new parking lot from the right of way, and to minimize the view from the Neuse River Trail. Areas denuded during construction of the access drive and parking lot will be replanted with locally grown, native plant material that will help return the area to a more natural condition.

## **5. Signage and Lighting**

- U. S. Army Corps of Engineers participation signage.
- Educational/ safety signage.
- Environmental education.
- Voice notification system.
- Site Lighting

A unified signage package will be created for the park, incorporating standards from the U.S. Army Corps of Engineers and the City of Raleigh. Signs will be located strategically along the course and in common areas that address items such as boater safety, user regulations, wayfinding, and environmental education. The City of Raleigh will work closely with the U.S. Army Corps of Engineers to provide signage as appropriate for each authority. The City of Raleigh has adopted a Master Signage Plan for use in parks and along the Neuse River Trail, and the standards of that plan will be incorporated into the Whitewater Park signage where possible.

The U.S. Army Corps of Engineers currently incorporates a "Giant Voice" notification system for warning boaters and fishermen when water releases from the dam are being increased. The current system is loud enough to be heard in the vicinity of the put-in for the Whitewater Park.

The provision of lighting for the water course or parking lots is not part of the scope of this project.

## VI. Falls of Neuse Whitewater Park Plan

This preliminary conceptual plan was presented to the Steering Committee on September 21, 2010 for review and consideration.



During the Steering Committee meeting, members were directed to study the preliminary conceptual plan and provide comments/suggestions to be incorporated into the final plan to be presented at the November 3, 2010 Community Meeting.



Final Conceptual Plan presented at Community Meeting #3 on November 3, 2010.

Changes from the 9/21/10 draft to the final 11/3/10 version include:

- finalizing put-in and take out areas,
- direct connections from parking lot to take-out area,
- the parking lot was rotated to accommodate existing topography, and
- parking spaces were widened or increased in size to accommodate loading and unloading of kayaks.





## VII. Estimate of Probable Cost

### Falls Whitewater Park

Design Development Submittal  
Opinion of Probable Construction Costs

Construction Item	Quan	Unit	Unit Cost	Total Cost
<b>Water Based Construction</b>				
<b>Access Paths</b>				
Grouted boulder at put in	88	CY	\$ 150.00	\$ 13,200.00
Grouted boulder at take out	69	CY	\$ 150.00	\$ 10,350.00
Concrete - put in launch and steps	15	CY	\$ 400.00	\$ 6,000.00
Concrete - put in path, flat work	9	CY	\$ 200.00	\$ 1,800.00
Rip rap armoring of put in path	35	CY	\$ 77.00	\$ 2,695.00
Rip rap armoring of takeout path and ADA	125	CY	\$ 77.00	\$ 9,625.00
concrete steps and take out area	15	CY	\$ 400.00	\$ 6,000.00
concrete stairs at takeout	3	CY	\$ 800.00	\$ 2,400.00
concrete take out path and ada path	25	CY	\$ 200.00	\$ 5,000.00
			\$	-
<b>Shore Armoring/ Bank Stabilization</b>				
			\$	-
Clear and grub	0.5	Acre	\$ 10,000.00	\$ 5,000.00
Earth excavate and haul off for bank right	2230	CY	\$ 10.00	\$ 22,300.00
Earth excavation for features	770	CY	\$ 10.00	\$ 7,700.00
Earth excavation for divider islands	252		\$ 10.00	\$ 2,520.00
Excavate and spoil on site	128	CY	\$ 10.00	\$ 1,275.00
Buried rip rap (upslope from boulder edge)	425	CY	\$ 80.00	\$ 34,000.00
Geotextile river right	2185	SY	\$ 2.00	\$ 4,370.00
Geotextile river left	446	SY	\$ 2.00	\$ 892.00
Large boulder edge river right only	160	CY	\$ 200.00	\$ 32,000.00
Ungrouted boulder armoring river right	860	CY	\$ 109.00	\$ 93,740.00
Ungrouted boulder armoring river left	130	CY	\$ 109.00	\$ 14,170.00
Gravel bedding river right	285	CY	\$ 68.00	\$ 19,380.00
Silt fence, install, maintain, remove	1500	LF	\$ 10.00	\$ 15,000.00
Erosion mat cover on 3:1 slope	635	SY	\$ 9.00	\$ 5,715.00
Feature Boulders	300	CY	\$ 200.00	\$ 60,000.00
<b>Whitewater Channel</b>				
Dewatering/water control	1	LS	\$ 40,000.00	\$ 40,000.00
Water quality pond	1	LS	\$ 10,000.00	\$ 10,000.00
Access road/work pads install	1330	Cy	\$ 68.00	\$ 90,440.00
Access road / work pads remove	1330	CY	\$ 15.00	\$ 19,950.00
Bedrock excavation	75	CY	\$ 1,125.00	\$ 84,375.00
Grouted core rock under faux rock features	700	CY	\$ 150.00	\$ 105,000.00
Grouted rock under ww features, buried in banks	770		\$ 151.00	\$ 116,270.00
Grouted core rock under diverter island	212	CY	\$ 150.00	\$ 31,800.00
Faux rock surface, whitewater drops	1000	SY	\$ 270.00	\$ 270,000.00
Faux rock surface, diverter island	364	SY	\$ 270.00	\$ 98,280.00
<b>Shore Armoring - River Mill</b>				
Clear and grub	0.25	Acre	\$ 10,000.00	\$ 2,500.00
Earth excavate and haul off for bank right	1400	CY	\$ 10.00	\$ 14,000.00
Excavate and spoil on site	128	CY	\$ 10.00	\$ 1,275.00
Buried rip rap (upslope from boulder edge)	425	CY	\$ 80.00	\$ 34,000.00
Geotextile river right	800	SY	\$ 2.00	\$ 1,600.00
Gravel bedding river right	140	CY	\$ 68.00	\$ 9,520.00

Silt fence, install, maintain, remove	400	LF	\$	10.00	\$	4,000.00
Erosion mat cover on 3:1 slope	635	SY	\$	9.00	\$	66,895.00
<b>Water Based Costs</b>				<b>Subtotal</b>	<b>\$</b>	<b>1,375,037.00</b>

## Land Based Construction

### Site Preparation

Clearing and Grubbing	0.88	AC	\$	10,000.00	\$	8,800.00
Topsoil Removal and Stockpiling	590	CY	\$	2.00	\$	1,180.00

### Erosion & Sediment Control

Erosion Control	1	LS	\$	20,000.00	\$	20,000.00
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### Earthwork

Rough Grading (cut/fill on site)	2,500	CY	\$	2.50	\$	6,250.00
Rough Grading (export cut)	1,970	CY	\$	12.00	\$	23,640.00
Erosion Control Matting	1,000	CY	\$	2.00	\$	2,000.00

### Storm Drainage

RCP Drain Line - 15"	75	LF	\$	45.00	\$	3,375.00
Rip Rap	5	CY	\$	60.00	\$	300.00
Flared End Section	6	EA	\$	500.00	\$	3,000.00
Stormwater BMP's	1	LS	\$	40,000.00	\$	40,000.00

### Hot-Mix Asphalt Paving

Asphalt Paving (normal duty)	2,510	SY	\$	22.00	\$	55,220.00
Traffic Marking	1	LS	\$	5,000.00	\$	5,000.00

### Cement Concrete Pavement

Concrete pavement (4")	6,000	SF	\$	4.50	\$	27,000.00
Concrete Steps	295	LF	\$	40.00	\$	11,800.00
Concrete Wheel Stops	26	EA	\$	75.00	\$	1,950.00

### Soil Preparation

Fine Grading and Amendments	1,415	SY	\$	2.00	\$	2,830.00
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### Seeding

Turfgrass Seeding	1,200	SY	\$	0.35	\$	420.00
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### Trees and Shrubs

Shade Trees	20	EA	\$	350.00	\$	7,000.00
Ornamental Trees	17	EA	\$	225.00	\$	3,825.00
Shrubs	85	EA	\$	30.00	\$	2,550.00
Additional Shoreline Plantings	1	LS	\$	20,000.00	\$	20,000.00

### Unit Masonry

Segmental Retaining Wall	600	SF	\$	65.00	\$	39,000.00
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### Timber Wall Bleachers

Timber Wall	363	SF	\$	40.00	\$	19,965.00
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### Metal Railings

Handrails (Stairs)	105	LF	\$	28.00	\$	2,940.00
Guardrails (Retaining walls)	205	LF	\$	40.00	\$	8,200.00

**Site Furnishings**

Benches, receptacles, etc	1	LS	\$	10,000.00	\$	10,000.00
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**Signage**

Informational, educational, wayfinding	1	ls	\$	3,000.00	\$	3,000.00
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**Land Based Costs**

<b>Subtotal</b>	<b>\$</b>	<b>329,245.00</b>
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**Combined Construction Costs**

<b>\$</b>	<b>1,704,282.00</b>
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Mobilization (2%)				\$	34,085.64
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General Conditions (5%)				\$	85,214.10
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Overhead and Profit (7%)				\$	119,299.74
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Bonds(1%)				\$	17,042.82
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<b>Subtotal</b>	<b>\$</b>	<b>1,959,924.30</b>
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Contingency 25%				\$	489,981.08
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<b>Total Construction Costs</b>				<b>\$</b>	<b>2,449,905.38</b>
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A/E design and construction services (8%)				\$	195,992.43
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<b>Subtotal</b>	<b>\$</b>	<b>2,645,897.81</b>
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Permit Fees	1	LS	\$	2,500.00	\$	2,500.00
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Estimated Stream and buffer mitigation fees	1	LS	\$	196,350.00	\$	196,350.00
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**Total Project Cost**

<b>\$</b>	<b>2,844,747.81</b>
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**Add Alternates**

large rounded boulders in lieu of quarried rock for feature bldrs	300	CY	\$	91.00	\$	27,300.00
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rounded rock in lieu of quarried rock at bank armoring and boulder edge	1150	CY	\$	107.00	\$	123,050.00
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<b>Subtotal</b>	<b>\$</b>	<b>150,350.00</b>
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Recommended contingency 30%				\$	45,105.00
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<b>Subtotal</b>	<b>\$</b>	<b>195,455.00</b>
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## Appendix I

### Public Process



STEWART

TO: Falls White Water Park Steering Committee Members  
City of Raleigh Parks & Recreation Department  
Design Team Members

FROM: Cindy Szwarczkop, AICP

DATE: 1/27/10

REFERENCE: Steering Committee Meeting Minutes 1/19/10

STEWART C09047

PROJECT NUMBER:

**Steering Committee Attendees:**

Elizabeth Gardner, Paddler  
Larry Ausley, Paddler  
Seth Yearout, City of Raleigh  
Vic Lebsock, City of Raleigh  
Carol Banaitis, US Army Corps of Engineers  
Jim Wei, Paddler  
Jade Wei, Paddler  
Mark Antonik, Paddler  
Mike Keeney, Paddler  
Bob Zarzecki, Paddler  
Tom Freeman, US Army Corps of Engineers  
Sarah King, Paddler  
Bob High, Paddler  
Kathy Capps, City of Raleigh  
Alissa Bierma, Upper Neuse Riverkeeper (not on Steering Committee)

**Design Team Attendees:**

John Jenkins, Stewart  
Graham Smith, Stewart  
Cindy Szwarczkop, Stewart  
John Anderson, McLaughlin Whitewater  
Aaron Asquith, McLaughlin Whitewater  
Risa Shimoda, McLaughlin Whitewater

***Opening Remarks, Introduction of Project and Design Team Members***

- Kathy Capps opened the meeting and asked that all attendees make introductions.
- Vic Lebsock gave a history of the project noting that there is funding of \$300,000 for the feasibility study (\$150,000 from the City and \$150,000 from the County).
- In 2009, the City Council directed the Parks & Recreation Department to develop a concept for the park.
- The Steering Committee includes paddlers, representatives from the Army Corps of Engineers, and City staff. The project needs to have public input to learn of concerns, ideas, support, or non-support of the project.

***McLaughlin Whitewater presented a brief powerpoint and detailed projects that they have worked on throughout the Country.***

***Vision/Functionality***

- Vic put forth an idea for the vision of the project: "To enhance the river system while providing paddling and other recreational opportunities for all skill levels throughout as much of the year as possible with the given release levels."
- The group was told that they would soon participate in an activity to help define the vision for the project.
- The following ideas were expressed by the group:
  - Project should accommodate all users – kids through experts



## STEWART

- Maximize the ability to use the river through given release levels.
- USACE release levels are fixed.
- Should we engage natural resource agencies informally? – Vic noted that through our communications we will inform the regulatory agencies and collect comments/concerns in the event that the project progresses to the NEPA process.
- The natural resource agencies can provide a lot of good information. It was noted that Stewart Engineering is the design consultant and are the experts and will do any permitting associated with the project.
- The project should include a safe, reliable location for swift water rescue training. Should some one from the public safety realm be included?
- "Enhance the river system to provide paddling" – the project should accommodate paddling and other recreational activities. Need to include fishermen.
- Tom Freeman, US Army Corps of Engineers – welcomed everyone to the Visitor Facility. He noted that Falls Lake is a multi-purpose civil works project. The project was started in 1978, the dam was completed in 1982, and opened in 1983. The Lake provides water to the City of Raleigh.
  - The Corps of Engineers has five mandates for Falls Lake: (1) flood damage reduction, (2) recreation, (3) fish/wildlife, (4) water supply, and (5) water quality.
  - Tom noted that DWQ takes the lead role in water quality issues and that the purpose of Falls Lake is low flow augmentation. 42% of the pool is allocated to the City of Raleigh. The USACE is a working partner with the City of Raleigh.
  - ACOE is the premier provider of natural resource based recreation in the nation. ACOE provides fishing opportunities, fishing platform, and restroom facilities at the Tail Race.
  - Falls Dam is a "heavy-hitter" in flood damage reduction in the Wilmington District. This is a direct result of the population centers down stream in eastern North Carolina.
  - ACOE is a public land management steward and a major provider of outdoor recreation areas in the Triangle.
- What should the park be called? "Branding" – should it be called White Water Park or Paddle Sports Facility. It is all about managing expectations; for example, many people will associate this proposed park with the Charlotte White Water Park and they are two completely different parks/areas. It was noted that white water is a special component of this area and the project. It will fall on the Steering Committee to educate the public.

At this point in the meeting, the Steering Committee members were given sticky-notes and asked to write down words or phrases that capture their "Vision" for the project. Following this exercise, Graham and Cindy took the notes and grouped them into the following categories:

### FISHING

- Systems for fish habitat
- Fishing/Fish Habitats
- Fishing Opportunities
- Fish Pools & Eddys
- Enhanced Fish Habitat

### PASSIVE/EDGES

- Family recreation
- Walkway along the river/park
- A gathering place for the public to walk, wade, tube, picnic
- Trails
- Passive opportunities (access to river, viewing)
- Other rec opportunities





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### STABILIZATION

- Maximize stability after construction/durability
- Minimal disturbance during construction

### NATURAL/CULTURAL RESOURCES

- To preserve the river system while enhancing paddling.
- Preserve character & integrity of the river system.
- Protect natural beauty and shoreline vegetation
- Cultural resources – River Mill, Falls Village
- Environment Sensitive – aesthetics, protected riparian buffers, limit river bed disturbance

### MAXIMIZE DAYS

- Maximum paddling days (flow diversion)
- Use throughout the year
- Extended time

### WATER RECREATION

- Paddle sports
- Tubing
- Special Events/Races
- Multiple enter/exit points
- Make use of the river – enhanced recreational opportunities (multipurpose)
- Recreation/paddling (other)

### EDUCATION

- Calm pools of water for roll practice, teaching opportunities
- Paddling instruction
- Competition training
- Swift water rescue
- Location for both recreational and instructional activities for paddlers of various skill levels.
- Education
- Safety/rescues instruction
- Education friendly – paddlers, biologists, SWR

### FEATURES

- Multi-features for kayakers
- Step/pool/riffle integrated into whitewater features
- Multi-feature system with sequential rapids of varying difficulty to allow use by varying levels of boaters
- Whitewater competition length (long as possible)
- Competition grade slalom course

It was noted that over the course of the next week or so, Stewart and City staff will study the vision “phrases” and prepare a draft vision statement for review and comment by the Steering Committee. It was also noted that the group needs to consider and discuss goals/outcomes. This topic will be addressed at the next Steering Committee meeting.

### *Hydraulics/Hydrology/Constraints Discussion – McLaughlin*

- Please see the attached presentation slides

### *Meeting Wrap-Up, Discuss Next Steps, and Schedule*

- Kathy Capps thanked everyone for their attendance, noted that the Open House would start at 7pm, and welcomed the Steering Committee to stay for the Open House.
- The Committee discussed the preferred day of the week and time for future Steering Committee meetings. It was decided that Steering Committee



STEWART

meetings would be held on either Monday or Tuesday nights at 5pm and that the next meeting would be held at the Stewart office in downtown Raleigh on Fayetteville Street.

- It was noted that the next meeting would be held within the next month and that the next Open House/Public Meeting would occur some time within the first two weeks of March.
- Topics for the 2<sup>nd</sup> Steering Committee meeting include:
  - Refine vision/mission statement
  - Branding
  - Update on hydraulics/hydrology analysis

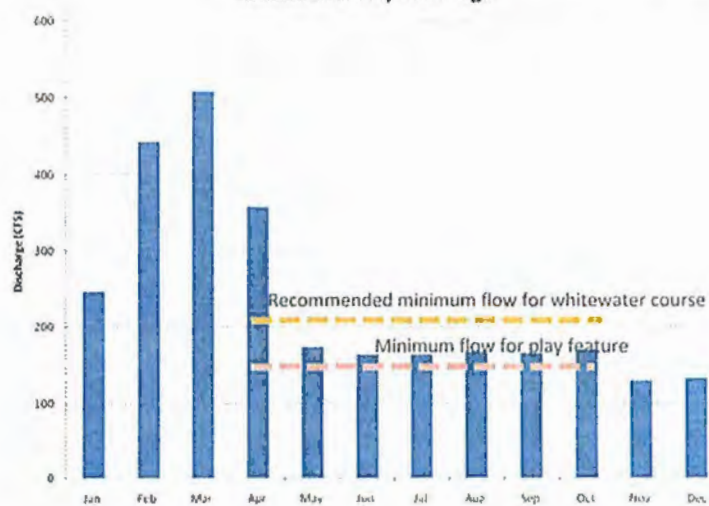
# Falls of the Neuse Paddle Facility

January 19, 2010

## Site Hydrology

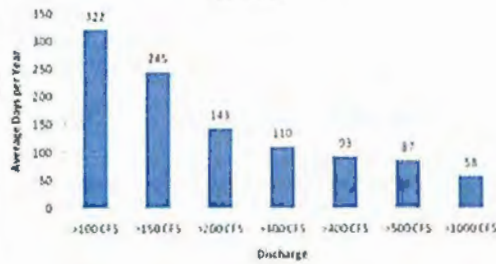
USGS Daily Statistics 1985 to  
2008, 23-3/4 Years of Data

Median Monthly Discharge



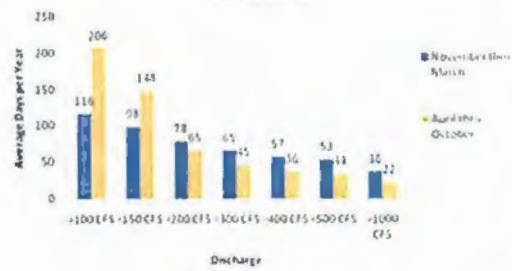
## Site Hydrology

Overall Site Hydrology  
100% Flow



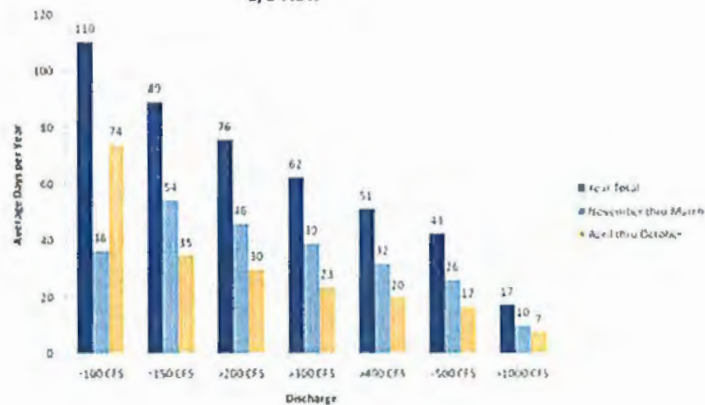
USGS Daily Statistics 1985 to 2008,  
23-3/4 Years of Data

Seasonal Hydrology  
100% Flow



## Site Hydrology

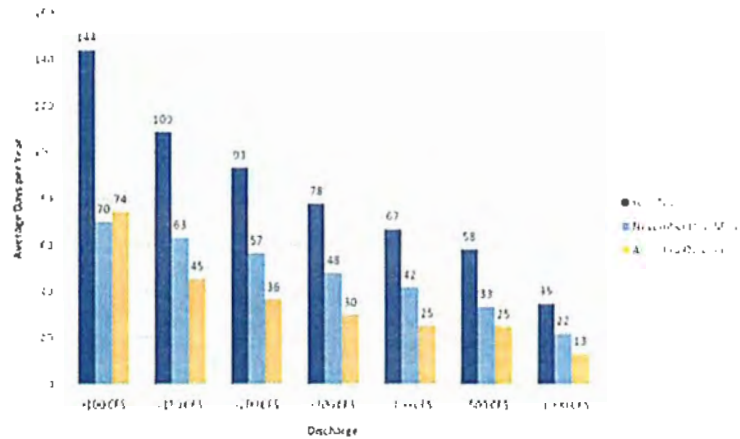
Seasonal Hydrology  
1/3 Flow



USGS Daily Statistics 1985 to 2008, 23-3/4 Years of Data

# Site Hydrology

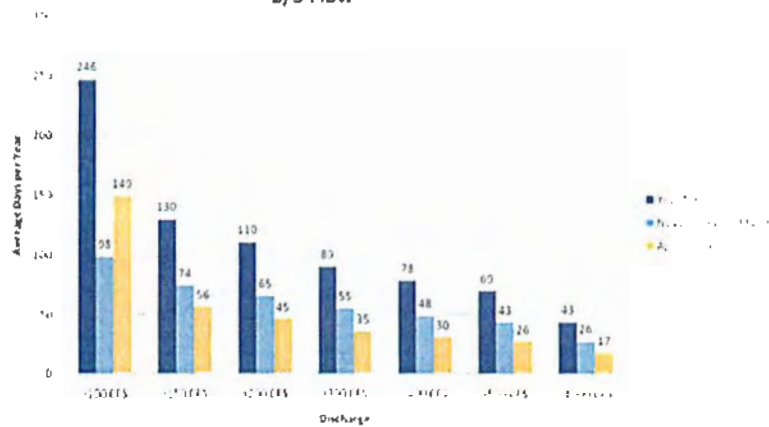
## Seasonal Hydrology 1/2 Flow



USGS Daily Statistics 1985 to 2008, 23-3/4 Years of Data

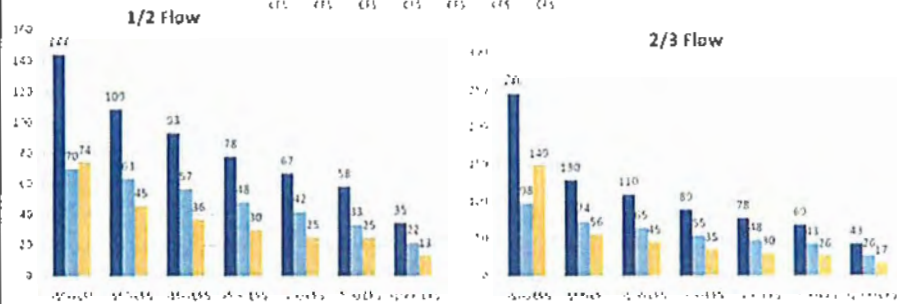
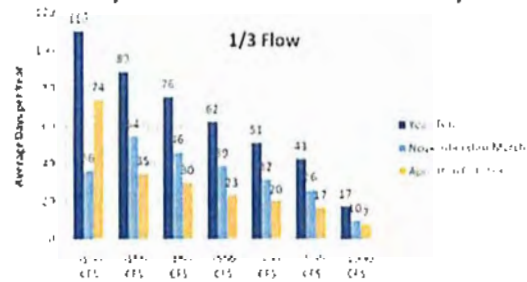
# Site Hydrology

## Seasonal Hydrology 2/3 Flow



USGS Daily Statistics 1985 to 2008, 23-3/4 Years of Data

# Comparative Flow Split



USGS Daily Statistics 1985 to 2008, 23 3/4 Years of Data





*City Of Raleigh*  
North Carolina

# Falls of Neuse White Water Park Community Open House Invitation

January 2010, Community Open House Event #1

## **Background**

In October 2003, City of Raleigh residents approved a Parks and Recreation Bond that included funding for the design of a White Water Park in the area of the Falls Lake Dam.

The City of Raleigh is pleased to announce that the design process for this white water recreational facility is set to begin in January 2010. It is anticipated that when built the park will serve as a facility for recreational and competition-level activities. The park will also include viewing areas along the river banks.

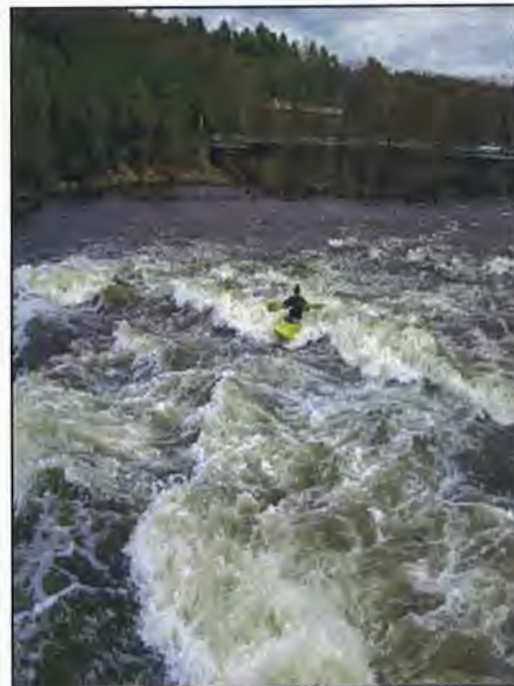
## **Want to find out more?**

Over the next several months, the City of Raleigh will hold three Community Open House events so that you may learn more about the project, meet the design team, and share with us your ideas. Please join us at the first Open House:

**Tuesday, January 19, 2010  
7pm to 8:30pm  
US Army Corps of Engineers  
Visitor Center  
11405 Falls of Neuse Road  
Wake Forest, North Carolina**

### **Directions:**

The Visitor Center is located on Falls of Neuse Road - 3 1/2 miles south of NC 98 or 2 1/2 miles north of 540. The gate at the Falls of Neuse Road entrance will be open the night of the event.



## **Project Contact Information**

### **City of Raleigh**

Mr. Vic Lebsack, Project Manager  
City of Raleigh  
Parks & Recreation Department  
333 Fayetteville Street  
Suite 300  
Raleigh, NC 27601  
[victor.lebsack@ci.raleigh.nc.us](mailto:victor.lebsack@ci.raleigh.nc.us)

### **Design Team**

Ms. Cindy Szwarcop, AICP  
Stewart Engineering, Inc.  
421 Fayetteville Street  
Suite 400  
Raleigh, NC 27601  
[cszwarcop@stewart-eng.com](mailto:cszwarcop@stewart-eng.com)



# FALLS WHITE WATER PARK

CONTEXT MAP





# Falls White Water Park

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January 19, 2010

## Scope of Project

The Raleigh City Council adopted the Neuse River Master Recreation Plan in 1996 which included the possibility of developing a white water course in the area of the Falls Lake Dam. Historically, the paddling community has used this area for practice and play. The US Army Corps of Engineers has a mandated release regiment which prescribes the releases from the lake. In over 80% of the days, on an annual basis, the releases from the lake are very low. The objective of this project is to develop a white water course which will allow for the use of the area as a white water park during low flow periods as well as protecting the opportunity for continued use of the area during the less frequent high release days.

The 2003 Park Bond Referendum included funding for the design of the White Water Park. Stewart Engineering, in conjunction with McLaughlin Engineering, is preparing a concept plan for the 900-foot reach extending below the tail race of Falls Lake Dam. Once the concept plan is prepared, plan elements will be prioritized and a phasing plan will be developed accordingly.

## Proposed Schedule and Milestones

Meeting #1 (Kick-off Meeting)	January 19, 2010
Schematic Design (Conceptual) Stage	January through February 2010
Meeting #2 (Presentation of Conceptual Design)	Early March 2010
Design Development Stage (Testing the Hypothesis)	March through early June 2010
Meeting #3 (Presentation of Design Development)	Mid-June 2010
Complete Design Development Drawings	Beginning of July 2010

### Project Contact Information

#### City of Raleigh

Mr. Vic Lebsack, Project Manager  
Parks & Recreation Department  
333 Fayetteville Street  
Suite 300  
Raleigh, NC 27601  
996-4786  
[victor.lebsack@ci.raleigh.nc.us](mailto:victor.lebsack@ci.raleigh.nc.us)

#### Design Team

Cindy Szwarcop, AICP  
Stewart  
421 Fayetteville Street  
Suite 400  
Raleigh, NC 27601  
866-4823  
[cszwarcop@stewart-eng.com](mailto:cszwarcop@stewart-eng.com)

# FALLS WHITE WATER PARK

## PROJECT SCOPE AND MILESTONES

### SCOPE

THE RALEIGH CITY COUNCIL ADOPTED THE NEUSE RIVER MASTER RECREATION PLAN IN 1996 WHICH INCLUDED THE POSSIBILITY OF DEVELOPING A WHITE WATER COURSE IN THE AREA OF THE FALLS LAKE DAM. HISTORICALLY, THE PADDLING COMMUNITY HAS USED THIS AREA FOR PRACTICE AND PLAY. THE US ARMY CORPS OF ENGINEERS HAS A MANDATED RELEASE REGIMENT WHICH PRESCRIBES THE RELEASES FROM THE LAKE. IN OVER 80% OF THE DAYS, ON AN ANNUAL BASIS, THE RELEASES FROM THE LAKE ARE VERY LOW. THE OBJECTIVE OF THIS PROJECT IS TO DEVELOP A WHITE WATER COURSE WHICH WILL ALLOW FOR THE USE OF THE AREA AS A WHITE WATER PARK DURING LOW FLOW PERIODS AS WELL AS PROTECTING THE OPPORTUNITY FOR CONTINUED USE OF THE AREA DURING THE LESS FREQUENT HIGH RELEASE DAYS.

THE 2003 PARK BOND REFERENDUM INCLUDED FUNDING FOR THE DESIGN OF THE WHITE WATER PARK. STEWART ENGINEERING, IN CONJUNCTION WITH MCLAUGHLIN ENGINEERING, IS PREPARING A CONCEPT PLAN FOR THE 900-FOOT REACH EXTENDING BELOW THE TAIL RACE OF FALLS LAKE DAM. ONCE THE CONCEPT PLAN IS PREPARED, PLAN ELEMENTS WILL BE PRIORITIZED AND A PHASING PLAN WILL BE DEVELOPED ACCORDINGLY.

### PROPOSED SCHEDULE AND MILESTONES

MEETING #1 (KICK-OFF MEETING)	JANUARY 19, 2010
SCHEMATIC DESIGN (CONCEPTUAL) STAGE	JANUARY THROUGH FEBRUARY 2010
MEETING #2 (PRESENTATION OF CONCEPTUAL DESIGN)	EARLY MARCH 2010
DESIGN DEVELOPMENT STAGE (TESTING THE HYPOTHESIS)	MARCH THROUGH EARLY JUNE 2010
MEETING #3 (PRESENTATION OF DESIGN DEVELOPMENT)	MID-JUNE 2010
COMPLETE DESIGN DEVELOPMENT DRAWINGS	BEGINNING OF JULY 2010

# FALLS WHITE WATER PARK

REFERENCE IMAGES



CONNECTIONS



LOW FLOW CONDITIONS



CREATED DROP



ATHLETES



VIEWING AREAS



SWIMMING





## STEWART

**TO:** Falls Whitewater Park Steering Committee Members  
City of Raleigh Parks & Recreation Department  
Design Team Members

**FROM:** Cindy Szwarcop, AICP

**DATE:** 2/17/10

**REFERENCE:** Steering Committee Meeting Minutes 2/15/10

**STEWART** C09047

**PROJECT NUMBER:**

**Steering Committee Attendees:**

Elizabeth Gardner, Paddler  
Larry Ausley, Paddler  
Seth Yearout, City of Raleigh  
Vic Lebsock, City of Raleigh  
Jim Wei, Paddler  
Jade Wei, Paddler  
Mike Keeney, Paddler  
Bob Zarzecki, Paddler  
Tom Freeman, US Army Corps of Engineers  
Sarah King, Paddler  
Bob High, Paddler  
Kathy Capps, City of Raleigh  
Tom Wright, River Mill Homeowner  
Bennett Wynne, NCWRC (representing Shari Bryant)

**Design Team Attendees:**

John Jenkins, Stewart  
Graham Smith, Stewart  
Cindy Szwarcop, Stewart  
John Anderson, McLaughlin Whitewater – via phone  
Risa Shimoda, McLaughlin Whitewater – via phone

**Welcome and Ground Rules**

- Kathy Capps opened the meeting, introduced the two new members (River Mill Homeowner and NCWRC) and then asked that all attendees make introductions.
- Cindy Szwarcop detailed the **Steering Committee Ground Rules**:
  - Attend meetings and be punctual.
  - Meetings start and end on time.
  - Meetings are uninterrupted.
  - Engage in active listening.
  - Don't take part in one-to-one meetings or sidebars.
  - Everyone participates actively.
  - Agree to give and receive feedback in a constructive manner.
  - Agree to work together to achieve both individual and group goals.

**Vision Statement**

- Graham Smith led the group in a recap of the vision statement exercise from the January 19, 2010 meeting and put forth a proposed vision statement (incorporating the ideas expressed at the previous meeting as well as email response received from Tom Wright of River Mill Condominiums):
  - **Initial Vision Statement** – To enhance the river system while providing paddling and other recreational opportunities for all skill levels throughout as much of the year as possible with the given release levels.
  - **Proposed Vision Statement** – To create a river park that provides multiple water-based recreational and educational opportunities throughout as much of the year as possible with the known historical release levels. The river and its natural habitat will be restored, enhanced, and celebrated through the creation of his project.





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- The following comments were offered by the Steering Committee:
  - Restoring the river to its natural habitat is a stretch.
  - How do we restore the river?
  - Enhance the aquatic environment.
  - "Restore" is a concern.
  - It was noted that areas downstream have remained in the same state for as long as can be remembered.
  - Should the last sentence include fortifying the area?
  - Increase access?
  - If the goal is to enhance, restore and celebrate, is that too much?
  - What is restoration? To what point in time to restore?
  - Consider just enhanced and celebrated, not restored.
  - What about stabilization? Can that really be done?

### **The following vision statement was agreed upon by the Steering Committee:**

"To create a river park that provides multiple water-based recreational and educational opportunities throughout as much of the year as possible with the known historical release levels. The river and its natural habitat will be enhanced and celebrated through the creation of this project."

### **Branding**

During the January 19, 2010, Steering Committee meeting, the group began initial discussions related to branding the project. The following suggestions were offered during the meeting or via comment sheets:

- Falls Whitewater Park
  - Falls Paddle Sports Facility
  - Falls of Neuse River Park
  - Falls of Neuse Recreation Area
- 
- What should the park be called? "Branding" - it is all about managing expectations.
  - Will the area be designated as a park?
  - Falls of Neuse River Park identifies the location – could have a paddle sports facility within this park. Vic noted that the City recently acquired 85+/- adjacent acres that are slated to be an active recreation park.
  - Five members noted a preference for 'park' as a generic entity.
  - Three members noted a preference for 'whitewater park'.
  - Paddle sport facility – could lead to misidentification of the facility.
  - Could be generic or specific, just not paddle sports facility.
  - Is there a downside to calling it a whitewater park?
  - Is there a downside to being too generic?
  - Need to recognize the vast number of user groups.
  - Tom Freeman noted that the branding/naming will go to the USACOE for review and a broader name will have more appeal.
  - Is there a concern about Falls of Neuse?
  - Vic noted that this committee is charged with the whitewater park component, the overall park will be named through the master plan process.
  - Branding will give a common language.
  - Need to recognize "truth in advertising" – 75 percent of the time releases are 500 cfs or less.
  - There needs to be a strong education component so that everyone understands.

No formal decision was made and this topic will be discussed at the March 8, 2010 Steering Committee meeting.

### **Whitewater Park Impact Research**

Cindy Szwarczkop noted that the City has instructed the design team to research the impacts/benefits that whitewater parks have on the natural environment. It was noted that as there was still a great deal of information to discuss at this meeting, the table would be emailed to all Steering Committee members, and that this information would be discussed at the next Steering Committee meeting.



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### Engineering Update

Tom Anderson and Risa Shimoda with McLaughlin Whitewater presented the Engineering Update portion of the presentation: course location, course wish list, potential pedestrian bridge, hydraulics, existing flow split, hydrology, and potential diversion weir. (Please refer to the attached powerpoint presentation).

#### McLaughlin Comments:

- It was noted that the Hydrology slide (#20) describes an estimate of visual flow under existing conditions.
- Potential Diversion Weir Appearance (slide #22) – if this option is considered, the faux rock would be created by zoo rock artists. Pictures would be given to the artists to create rock that mimics the existing rock in the area.
- Potential Diversion Weir Hydraulic Criteria (slide #23) – Note that this is not engineering design by rather criteria to be negotiated and agreed upon as the project moves forward into design.
- Potential Diversion Weir (slide #25) – this information will be verified with the hydraulic model.
- Potential Diversion Weir Benefits (slide #26) – with the weir and diversion, the increase in days is 23 and the overall percent increase is 30 percent.
- Potential Diversion Weir Status (slide #27) – Design is awaiting the completion of the river survey (which has been delayed due to high release levels due to the high amounts of rain and snow this area has received). Prior to design will also need agreement on the diversion criteria.

#### Questions/Comments

- Bennett Wynne – once Milburnie Dam comes down fish will have access to Falls Dam for the first time in 100 years. The fish could get there during high flow but perhaps not at all times. This area will become a spawning habitat. Need to consider the impacts to fish populations.
- This project sounds like stream restoration.
- Need to meld habitat enhancement with paddle sports enhancement.
- Natural aquatic habitat enhancement - we need NCWRC to help with the fish habitat concerns.
- If rock habitat is to be created need to be sure that there are no adverse impacts to spawning areas.
- NCWRC would like to see the impacts from flows.
- Can we apply DWQ standards to this project to enhance the habitat?
- What about heron habitat?
- It is possible that diversion could be beneficial to the fish habitat. An increase in the water depth will help with fish passage and migration.
- The Corps does replicate natural conditions by releasing flows that have less peak and longer duration.
- If Milburnie Dam does come out, is there a chance the release regimes will change at Falls Dam? This change could allow the Corps to reach higher peaks in the range of 4,000 to 12,000 cfs.
- Artificial rock – Would like to see as little engineered rock as possible. Aesthetically using zoo rock is right on. This will be addressed appropriately during engineering design – whether it would be faux rock or natural stone with grout.
- Stream beds are made to move, they aren't constant.
- This area has changed dramatically in the past 25 years since the dam was constructed.
- Should the pedestrian bridge be taken off the table? It will stay on the table, but not a lot of design time or expense will be expended.
- User Days – while the table shows an increase of 23 days to 99 per year, need to recognize that there will actually be more days when you look at all user levels. Low flow = beginners; Higher Flow = advanced paddlers.
- Need to look at the broad range of paddlers that we want at these facilities.
- It will be a much safer place to get in a lower flows.
- Need to think about the protection of the river bank. The banks are highly eroded. Vic noted that this project will address restoration/stabilization.
- Concerned about potential increased pedestrian use on the north side of the



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river. There should be signage to discourage people from trespassing on the north side of the river. The City can not advocate for usage on private property.

- Public lands = public access.
- It was noted that the eroding bank does discourage access.
- Vic – if it is determined that areas beyond public lands need stabilization the City would need to execute an agreement with the property owners.
- It was noted that the left side has lost 10' of bank over the past 26 years.
- With a course of 600 to 900 feet in length – how many features can be fit in? Typically within this length, three to six features could be designed but this depends on fish criteria and habitat.

### Meeting Wrap-Up and Schedule

- The Committee discussed the preferred day of the week and time for future Steering Committee meetings. It was decided that Steering Committee meetings would continue to be held on Monday nights but that the start time would be pushed back to **5:30pm**.
- We will alternate the location of the meeting from downtown at Stewart to North Raleigh. The next meeting is tentatively set for the Durant Training Lodge on **Monday, March 8, 2010** – if this location isn't available or doesn't have A/V capabilities then the meeting will be held at the Falls Dam Visitor Center conference room.
- The next Community Meeting will be scheduled for some time in mid-April, following completion of the river survey and preliminary engineering analysis.



## STEWART

**TO:** City of Raleigh Parks & Recreation Department  
River Mill Community

**FROM:** Cindy Szwarcokop, AICP

**DATE:** 3/8/10

**REFERENCE:** River Mill Community Meeting  
March 2, 2010

**STEWART PROJECT NUMBER:** C09047

### Attendees:

Vic Lebsock, City of Raleigh Parks & Recreation  
Lisa Potts, City of Raleigh Parks & Recreation  
Cindy Szwarcokop AICP, Stewart Engineering, Inc.  
Garry Walston RLA, Stewart Engineering, Inc.

The following individuals signed the attendance log: Sharron Parker, Dan Lee, Elaine Bartlett, Sheri Knight, Marie Guziejka, Susannah Koger, Charlotte Fougue, Gene Dodd, Brian Upchurch, Tessa Hunt, Roberta Forbes, Jason Clark, Tom Wright, Juli Brown, Rafael Soto, Charlotte Gross, Lamar Caldwell, Sandra McKeown, and Jannice Ashley

Comment sheets were handed out at the meeting and three were received back. Tom Wright serving as the River Mill representative to the Falls Whitewater Park Steering Committee will collect the comment sheets and bring them to the next Steering Committee meeting on 3/8/10.

### Meeting Purpose:

On March 2, 2010, representatives from the City of Raleigh and Stewart Engineering met with the River Mill Community to discuss the proposed Falls White Water Park. The meeting began with a brief project introduction by City of Raleigh Project Manager, Vic Lebsock. Cindy Szwarcokop with Stewart Engineering then presented a powerpoint presentation, discussed the project schedule and gave an overview of the status of the project. It was noted that this project is purely a feasibility study to see if the project can be constructed in this location. The project is in the very beginning stages and data collection is still underway as the recent rains and inclement weather have precluded the Stewart survey crews from safely accessing the river to complete the in-river survey.

The following questions were asked by the River Mill residents:

1. Describe the feasibility study and the economic impact of the project.
2. Diversion – concerns with the drought – prefer medium flow.
3. Who is the paddling community?
4. What is the paddling community influence?
5. Where was the original park?
6. How many users per year are anticipated? Not sure.
7. Is it family oriented? Is it safe for families?
8. How many paddlers are on the steering committee? Nine
9. Are there other paddling areas nearby?
10. Is it connected to Forest Ridge Park? Does it tie in?
11. Has the southern parcel (85+/- acres) been planned?
12. Has a traffic study been done? No.
13. What will determine a go/no go decision?
14. Will an environmental assessment be provided?
15. Does public opinion matter?
16. Explain the process for city approval of the project.
17. When is the EA provided in the process?
18. What is the parameters/effect of the Milburnie Dam removal on fish habitat?
19. Who are the users of the park – fishermen?



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20. Are there user surveys? What is being used to determine need for this park?
21. Are there recreation surveys?
22. Can we survey River Mill residents?
23. Who decides what is too much of an impact? COE?
24. Is the City an advocate of the project?
25. Does City have performance data to determine the number of users?
26. Will this project improve the paddler experience?
27. What about impact to the river?
28. Why invest in a park that doesn't generate revenue?
29. Does Parks & Rec keep track of paddlers in the area?
30. What are the cumulative effects to the river from the new road, bridge, and this project?
31. How will traffic be impacted? This area has a country feel.
32. Where is the project in Parks & Rec's priority list?
33. Why brand the park now?
34. Concerned with lighting.
35. How far will users travel to visit the whitewater park?
36. How will rise not occur with diversion?
37. What methodology will be used in shoreline design?
38. Will paddlers use the north side?
39. It was noted that there are 20 paddlers that live in River Mill.
40. Where will the paddlers put in?
41. How do paddlers get back to the top?
42. Will users have to cross the bridge?
43. What will the broader impacts on the area be? - Roads, parking, etc.
44. Is the RFP that Stewart responded to public knowledge?
45. Was it an RFP or an RFQ?
46. Why does the study not include other concerns? Traffic, parking, etc.
47. Look at the number of users.
48. Concerned that users of the whitewater park will park on River Mill property.
49. Should there be more public involvement?
50. Would the NEPA document include the entire park (including 85+/- acres)?
51. How far into design will the project go?
52. Why is the whitewater park not part of the 85 +/- acre park?
53. Should it be master planned now? (There is a hope that this will connect to Forest Ridge as both parks are adventure programs).
54. Why invest in this park? Why not upgrade the area to make the area better?
55. Will the project recommend no change or a no-action decision?
56. What is the cost of the project?
57. Can the park compete with Charlotte? It was noted that this park is not in competition with Charlotte and is not a "competition-level" park but rather for informal events.
58. River Mill residents are concerned with trespassing.

# River Mill Community Meeting

March 2, 2010



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## Agenda

- Introductions - Tom Wright, Vic Lebsock
- History of Project – Vic Lebsock
- Project Status Update – Cindy Szwarczkop
- Question/Comment Session



## Project Schedule

Community Meeting #1: January 19, 2010

Data Collection/River Survey: Ongoing – March 2010

Preparation of Conceptual Design: April 2010

Community Meeting #2: Late April or Early May 2010

Design Development Stage: May through July 2010

Community Meeting #3: End of July 2010

Complete Design Development Drawings: Late August 2010

## Community Open House January 19, 2010



## Open House Comments 1/19/10

I am against this water park. The project is only going to benefit a very small group of people and only for a small fraction of the year. The impact will be negative to the natural beauty and create eyesores to residents of the area who are here everyday of the year. The environmental impact is not worth sacrificing play for a few people. Taxpayer money would be better spent to help more people with less impact to the birds, fish, and plants in the area.

The potential project name should encompass multiple user groups. Emphasize that this is an augmentation of existing features. Project will increase user groups by including education, multi-level paddling/tubing, fishing (could be improved with riffle/pool systems) – will not exclude current user groups. Ecological integrity of the river system (locally & downstream) is critical to all players and partners – this includes stabilization after/during construction, keeping it as natural as possible.

I think this park is a great idea. It can help the soil erosion and other environment impact problems. And I am looking forward to paddling it.

I oppose this project. It is fiscally irresponsible to spend an unknown amount of money to build a 600 ft run that is only usable when the flow is high enough for such a small number of people.

Define enhance and what areas are we enhancing? Paddle Sports Facility

This is a great idea for Raleigh. I am excited about what these improvements will bring to the area in regards to fishing, boating, and overall enjoyment of the area.

## Open House Comments, Continued

The park looks great. Big plus for Raleigh. Great for families.

I am in complete opposition to this project. It is a selfish small interest group project designed to serve a very small group and the taxpayers resources for this are, frankly a complete sham. Our Sheriff just announced that deputies will probably be laid off, Wake school are underfunded and so are many City issues that would serve a much broader range of taxpaying citizens. Furthermore, the environmental impact studies of this are far reaching. "Diverting" or controlling water flow should be out of the question, period. Streamflow should have to remain the same to both sides of the river. The reasons are numerous. The impact on hunting grounds for animals and birds of prey would be terrible. Spawning grounds would be permanently destroyed. Bridging to an island that has been a solice for wildlife for ages should be absolutely done away with!

Could be an opportunity to introduce new populations to a recreational activity not available now. Since flows will not be changed, there will still be lots of days for and areas for folks who like to fish, wade or enjoy the river, not boating. Maintaining health of the river is important. Public areas are important and any enhancement to provide enjoyment for additional uses brings more benefits to the area.

I feel that the bond/taxpayers money from the City of Raleigh is being used on a project that only 100's of Raleigh citizens will use vs. projects such as swimming pools that 10's of 1,000's of Raleigh citizens will use.

## Open House Comments, Continued

Initial plans look good. Along with the boating options I see added value for swiftwater training and improved fishing downstream. I would be in heaven with one bluntable wave and a loopable hole. Glad to see this coming into reality!

Good info shared on proposal. As a paddler, I would love any enhancements that would allow more days on the water. Thanks for organizing.

I live in the Rivermill community and am very concerned about this proposal. Right now life at the Mill is very quiet and enjoyable. At any given moment you can enjoy a leisurely stroll and see many types of wildlife. The view from my unit is breathtaking. My concerns involve the possible water diversion, the destruction to our side of the bank, the traffic along our side, the possible deterioration of the island. It seems to me this is a large amount of money for an exclusive group. Paddlers have the right to paddle but we also have the right to our quiet life at the Mill.

Everything looks great! I look forward to this being complete. It will be a big bonus for the area.

Looks great! Keep going!!

Please put more funding toward the greenway along the river, for the many who could enjoy the beauty of this area. Scrap the white water park, which puts phony rock among the natural rock, diverts water which gives us much-loved rapids on the north side of the island and takes away our chance to put kayaks in and paddle ourselves. We love the river and live there 24/7 so this negatively impacts 51 homeowners and their families more than it can ever benefit the few who visit occasionally.

## 2/15 Steering Committee Meeting

- Vision Statement
- Branding
- McLaughlin Whitewater Update
  - Whitewater Course Location
  - Whitewater Course Wish List
  - Potential Pedestrian Bridge
  - Potential Diversion Weir

## Vision Statement

- “To create a river park that provides multiple water-based recreational and educational opportunities throughout as much of the year as possible with the known historical release levels. The river and its natural habitat will be enhanced and celebrated through the creation of this project.”

## Branding

- The Steering Committee is currently working to determine a name/brand for the project.
  - Falls Whitewater Park
  - Falls Paddle Sports Facility
  - Falls of Neuse Recreation Area
  - Falls of Neuse Recreation Area

## Whitewater Course Location

- Project will be located in the South Channel.
- Most of the drop is at the upper end of the study area.
- Available drop is 6 to 8 feet.
- 1% gradient yields a *course length of 600 to 800 feet.*



## Whitewater Course Location

- Construction at the downstream end would be more expensive, have more impacts and yield few additional benefits.



Middle Section of South Channel



Confluence of North and South Channel looking Upstream

## Whitewater Course Location



## Whitewater Course Wish List Hydraulics

- Play waves.
- Eddies for queuing.
- Recovery pools between drops.
- Calm water at eddy exits to encourage beginners and maximize time before flushing.
- Deep, long eddy lines for mystery moves.
- Diversion weir for augmenting flow to the course.





## Whitewater Course Wish List Events and Programs

- Informal citizen races.
- Local slalom and freestyle events targeted at experienced boaters in those disciplines.
- Events for beginners, families and kids.
- Swift water rescue training.
- Instruction for varied skill levels.



## Whitewater Course Wish List Access

- Improved put in downstream of the dam outlet.
- Intermediate take out downstream of the whitewater improvements.
- Potential pedestrian bridge to island.
- Access at various points along the whitewater course including key whitewater play spots.
- A hardened area at the water's edge along the right bank (looking downstream) that is capable of withstanding foot traffic.

## Potential Pedestrian Bridge

- Would provide access to the island.
- ADA accessibility.
- Elevated above the 12,000 cfs dam release.
- No impact to flood elevations.



## Potential Pedestrian Bridge

- Proposed bridge location at the head of the South Channel.



## Existing Flow Split

Flow split at the head of the island – visually estimated

- 2/3 goes north
- 1/3 goes south



## Appearance of Potential Diversion Weir

- Possible Construction Methods



Faux rock to resemble natural rock outcrops



Grouted boulders

## Potential Diversion Weir Status

- Design has not yet started.
  - Waiting on completion of river survey.
  - Need to reach agreement on diversion criteria and performance from Steering Committee.
  - Construction needs to be as natural looking as possible.
- Location has not been determined.

## Contact Information

### City of Raleigh

Mr. Vic Lebsock, Project Manager  
Parks & Recreation Department  
333 Fayetteville Street, Suite 300  
Raleigh, NC 27601  
Victor.lebsock@ci.raleigh.nc.us

### Design Team

Cindy Szwarcop, AICP  
Stewart Engineering, Inc.  
421 Fayetteville Street, Suite 400  
Raleigh, NC 27601  
cszwarcop@stewart-eng.com



**STEWART**

**TO:** City of Raleigh Parks & Recreation Department  
Falls Whitewater Steering Committee

**FROM:** Cindy Szwarczkop, AICP

**DATE:** 3/11/10  
Falls Whitewater Steering Committee Meeting

**REFERENCE:** March 8, 2010

**STEWART  
PROJECT  
NUMBER:** C09047

**Meeting Attendees:**

Seth Yearout, City of Raleigh  
Larry Ausley, Paddler  
Mark Antonik, Paddler  
Shari Bryant, NCWRC  
Susan Clizbe, USACE Wilmington District Public Affairs  
Tom Wright, River Mill HOA  
Jade Wei  
Carol Banaltis, USACE Falls Lake  
Sarah King, Paddler  
Alissa Bierma, Neuse Riverkeeper  
Bob Zarzecki, Paddler  
Tom Freeman, USACE Falls Lake  
Jean B. Manuele, USACE, Raleigh Regulatory Field Office  
Elizabeth Gardner, Paddler  
Kathy Capps, City of Raleigh  
Vic Lebsock, City of Raleigh

**Design Team:**

John T. Jenkins II, PE – Stewart  
Garry Walston, RLA - Stewart  
Cindy Szwarczkop, AICP – Stewart  
John Anderson, McLaughlin Whitewater (via phone)  
Risa Shimoda, McLaughlin Whitewater (via phone)

**Meeting Agenda:**

1. Design Criteria Discussion
2. Branding Discussion
3. Impact Research
4. Meeting Wrap-Up, Schedule

Cindy Szwarczkop opened the meeting by asking Tom Freeman to introduce Susan Clizbe (USACE Public Affairs Officer). She then gave the Steering Committee a brief update on the meeting that was held with the River Mill Community on 3/2/10. Approximately 25 to 30 River Mill residents attended the meeting hosted by Tom Wright. During the meeting Vic Lebsock and Cindy Szwarczkop provided a brief overview of the project, received comments, and responded to questions. It was noted that the comments/questions received would be added to the comments received during the January Open House and added to the City website.

Tom Wright noted that he had not yet received any additional comment sheets from River Mill residents, but that he would check in with the residents.

**Design Criteria**

Cindy introduced the Design Criteria Exercise and John Anderson/Risa Shimoda with McLaughlin Whitewater (via phone) further detailed the data that they need to proceed with the design. The design team asked the Steering Committee to break



## STEWART

into small groups and provide comments related to the following items:

1. Aesthetics
2. Riparian Protection
3. Physical Access
4. Hydraulic Features
5. Aquatic Habitat and Fish Passage
6. Diversion Weir
7. Landscape Materials

The summary of the small group exercise is attached.

### **Branding**

The Branding portion of the meeting was deferred to the next Steering Committee meeting so that additional time could be given to the Design Criteria discussion.

### **Impact Research**

Cindy Szwarcop asked the Steering Committee to report back on the "assignment" that was given to the members to research potential impacts. The American Whitewater table (that was discussed at a previous meeting) with annotation by McLaughlin Whitewater was also distributed for review.

- Larry Ausley noted that he had contacted Jay Sauber with the Environmental Sciences Section of DWQ to request that a riparian/instream habitat survey and possibly even more formal macroinvertebrate and fish population surveys be conducted.
  - In addition, he noted that he queried DWQ to see if there are fish surveys in the area. He noted that DWQ doesn't monitor this area because the areas are impacted; the next downstream monitoring area is Neuse at 401 and Neuse at Hwy 64.
  - Basin assessment for food was fair.
  - Structures could provide additional aeration.
- A question was asked of Tom Freeman related to a hydroelectric dam at Falls River. Tom noted that Congress has not authorized (as one of the five goals of Falls Lake) a hydropower plant. Jordan facility is now under construction.
- Seth Yearout noted that over the past three years there were a total of 1,872 participants in kayaking with an average of 624 participants per year. It is believed that there are a good deal of potential participants that would use this type of facility.
  - Seth was asked to explain the Adventure Program. It was noted the Program serves users 12+ in age and that there are Adult and Senior programs.
- Jade Wei presented information related to education:
  - Paddle Creek send 4,500 people down the Neuse River each year.
  - The Carolina Canoe Club holds novice clinics per year (20) and three Swiftwater Rescue Classes (48 students) per year. It is expected that with more access the Canoe Club would hold more classes.
  - According to the Outdoor Industry Association, 17.8 million Americans aged 6+ participated in kayaking, canoeing, and rafting in 2008. 7.8 million Americans participated in kayaking.

### **Meeting Wrap-Up and Schedule**

It was noted that the City and the Design Team would hold off scheduling another Steering Committee meeting until there were substantive items to discuss. The Steering Committee meeting will be held at least one week prior to the next Community meeting. It was also decided that the next Steering Committee meeting would be held at the Stewart office in downtown Raleigh.





## STEWART

Cindy noted that due to high release levels the Stewart surveyors have not been able to get into the water to do the survey. Tom Freeman noted that the release levels on today (3/8/10) were 500 cfs and that it should be less than that in a few days, depending on the rains that are targeted to arrive this week.

### **Schedule -**

Data Collection/River Survey: March 2010  
Preparation of Conceptual Design: April 2010  
Community Meeting #2: Late April or Early May 2010  
Design Development Stage: May through July 2010  
Community Meeting #3: End of July 2010  
Complete Design Development Drawings: Late August 2010



**STEWART**

**TO:** City of Raleigh Parks & Recreation Department  
Falls Whitewater Steering Committee

**FROM:** Cindy Szwarcop, AICP

**DATE:** 4/15/2010  
Falls Whitewater Steering Committee Meeting #4

**REFERENCE:** April 12, 2010

**STEWART  
PROJECT  
NUMBER:** C09047

**Meeting Attendees:**

Seth Yearout, City of Raleigh  
Shari Bryant, NCWRC  
Tom Wright, River Mill HOA  
Carol Banaitis, USACE Falls Lake  
Sarah King, Paddler  
Alissa Bierma, Neuse Riverkeeper  
Bob Zarzecki, Paddler  
Elizabeth Gardner, Paddler  
Bob High, Paddler  
Kathy Capps, City of Raleigh  
Vic Lebsock, City of Raleigh

**Design Team:**

Garry Walston, RLA - Stewart  
Cindy Szwarcop, AICP - Stewart

**Meeting Agenda:**

1. Full Value Contract - Kathy Capps
2. Branding Discussion - Cindy Szwarcop
3. NCWRC Site Visit Review - Shari Bryant
4. Updates
  - Project Webpage
  - Survey

**Tentative Project Schedule:**

- Data Collection/River Survey - March to April 2010
- Preparation of Conceptual Design - Late April to May 2010
- Community Meeting #2 - Late May 2010/Early June 2010
- Design Development Stage - May through August 2010
- Community Meeting #3 - August 2010
- Complete Design Development Drawings - September 2010

**Full Value Contract -** Kathy Capps led the group in a discussion related to the Full Value Contract - which is often used in recreation programs.

- This is a diverse group with diverse backgrounds.
- The goal is to work as part of the group.
- Need to reaffirm the commitment to the committee's purpose.
- Need to make sure that everyone is committed to the vision and goal of the group despite each individual's ideas/agendas - everyone needs to work together towards a common goal.
- A seat at the "table" is the place to make an impact - not individually.
- It is not appropriate to use information gained at the table to further your own individual goals/efforts.
- Alissa asked that the group reaffirm the vision statement. She noted that



## STEWART

**Branding Discussion** – Cindy led the group in a discussion to determine the “brand/name” for the project. Vic first detailed the process for naming parks in the City.

- Naming is mostly based on geography, not person. Officially done at the Master Plan phase. This project is different, since there is not a master plan at this time. This will be named as a facility.
- Are there any words that can’t be used? Not unless voted on and changed at master plan stage.
- Would there be a problem with naming now and using same later for the overall park?
- Cindy detailed the original options that were discussed at the January 19, 2010 Steering Committee meeting:
  - Falls Whitewater Park
  - Falls Paddle Sports Facility
  - Falls of Neuse River Park
  - Falls of Neuse Recreation Area
- Vic recommended that Falls be in the name.
- Alissa asked if people could confuse Falls of Neuse Recreation Area with Falls Lake Recreation Area.
- Falls of Neuse is a good identifier.
- Alissa noted that she is opposed to it being called a whitewater park.
- The Corps of Engineers (Carol) was asked if the Corps objected to whitewater park. Yes, because the feeling is that it is exclusive to paddlers.
- The Falls Lake Master Plan (1981) referred to whitewater park.
- Vic suggested eliminating Falls Paddle Sports Facility and Falls of Neuse Recreation Area.
- Alissa is concerned that there will have to be a lot of education associated with the name whitewater park and there will be objections from anglers.
- Elizabeth noted that all western facilities are called whitewater parks. The name needs to identify the use and create interest. Name should not confuse people or users.
- Alissa noted that with whitewater there will be required education of the public through signage, education, and explanations.
- Should provide clarification on use rather than design.
- Vic noted that historically this area has been called Falls and always had whitewater. Build on this history.
- The committee discussed who would use the facility and where they would come from to use it.
- Vic suggested Whitewater Park at Falls of Neuse.
- The group took a vote: Falls of Neuse Whitewater Park received 6 votes; Falls of Neuse River Park received 3 votes; and 2 members abstained from voting.
- The **brand/name will be Falls of Neuse Whitewater Park.**

### **NCWRC Site Visit Recap – Shari Bryant**

- Shari noted that she wouldn’t detail word-for-word the report because it was provided to all Steering Committee members.
- She did note that there are concerns about the diversion weir. NCWRC needs more information from the design consultants.
- It was noted that some anglers have expressed concern about being forced out of the area. Need to figure out how everyone can co-exist. It is noted that the groups co-exist now.
- Tom mentioned that River Mill does allow some anglers to use the north bank – the City will need to discuss any improvements to the north bank with the homeowners.
- Alissa expressed a concern about removing subsistence fishing.
- Need to make sure that the project doesn’t impede the areas where people fish for bass.
- If there were to be too big of an impact to anglers and subsistence fishers, could the park be moved down further?



STEWART

**Webpage Preview** – Cindy and Kathy previewed the project website for the Steering Committee. The link is [http://raleighnc.gov/portal/server.pt/gateway/PTARGS\\_0\\_2\\_306\\_209\\_0\\_43/http%3B/pt03/DIG\\_Web\\_Content/category/Leisure/Park\\_and\\_Greenway\\_Planning/Current\\_Projects/Cat-MCH-2007222-094908-White\\_Water\\_Park.html](http://raleighnc.gov/portal/server.pt/gateway/PTARGS_0_2_306_209_0_43/http%3B/pt03/DIG_Web_Content/category/Leisure/Park_and_Greenway_Planning/Current_Projects/Cat-MCH-2007222-094908-White_Water_Park.html)

**Survey Update** – Cindy noted that the Stewart survey crews are actively working on the project with approximately 2 ½ weeks of field + office work remaining to complete the survey component of the project. This information will then be forwarded on to McLaughlin Whitewater Design.

**Meeting Wrap-Up and Schedule**

It was noted that the City and the Design Team would hold off scheduling another Steering Committee meeting until there were substantive items to discuss. The Steering Committee meeting will be held at least one week prior to the next Community meeting. It was also decided that the next Steering Committee meeting would be held at the Corps of Engineers Visitor Center. Prior to the meeting, there will be a walking tour/site visit. Additional information (time and place to meet) will be forwarded to the Steering Committee members via the meeting invitation.



**STEWART**

**TO:** City of Raleigh Parks & Recreation Department  
Falls Whitewater Steering Committee

**FROM:** Cindy Szwarczkop, AICP

**DATE:** 7/19/2010

**REFERENCE:** Falls Whitewater Steering Committee Meeting #5  
July 14, 2010

**STEWART  
PROJECT  
NUMBER:** C09047

**Meeting Attendees:**

Shari Bryant, NCWRC  
Bennett Wynne, NCWRC  
Tom Wright, River Mill HOA  
Carol Banaitis, USACE Falls Lake  
Sarah King, Paddler  
Bob Zarzecki, Paddler  
Elizabeth Gardner, Paddler  
Bob High, Paddler  
Larry Ausley, Paddler  
Kathy Capps, City of Raleigh  
Vic Lebsock, City of Raleigh

**Design Team:**

Garry Walston, RLA - Stewart  
Cindy Szwarczkop, AICP - Stewart  
John Anderson, McLaughlin Whitewater  
Risa Shimoda, McLaughlin Whitewater

**Meeting Agenda:**

1. Introduction and Recap – Kathy Capps
2. Hydraulic Analysis, Feasibility Study & Conceptual Design – McLaughlin
3. Question & Answer Session – Design Team
4. Community Meeting Information – Cindy Szwarczkop

John Anderson and Risa Shimoda presented the Hydraulic Analysis, Feasibility Study, and Conceptual Design presentation. It was noted that the same presentation would be given during the Community Meeting at 7pm that evening.

The following questions/topics for future discussion/analysis were noted after the presentation:

- Bank stabilization and aesthetic boulder placement.
- Significance of lower water height and minimum channel depth.
- It was noted that the north and south channels have changed over the years. Carol Banaitis noted that she found pictures of the area going back to the 1960s, 1970s, and 1980s.
- Diversion island. During high flow conditions would the island be able to handle the velocity? Yes, the island will be a grouted rock structure on one side with pockets of soil to encourage tree growth. It could also mimic a form of a dam – perhaps a timber crib dam.
- What will be the height of the diversion island? It will not be higher than the existing island.

The Steering Committee was charged with going back to their respective groups/agencies to solicit comments and gain consensus on the project. During the next Steering Committee meeting, members will report back and provide any



**STEWART**

comments/questions/concerns that they have gathered during the interim. The design team will be moving into the design development stage of the project and will begin to design the hardscape elements (parking, access, etc.).

#### **Meeting Wrap-Up and Schedule**

The next Steering Committee meeting is scheduled for Monday, August 16<sup>th</sup> from 5pm to 6:30pm in the Stewart Engineering Training Room. 421 Fayetteville Street, Suite 400, Raleigh, NC

#### **Project Schedule:**

- Meeting #1 (Kick-off Meeting) – January 19, 2010
- Data Collection/River Survey – Complete – May 2010
- Preparation of Conceptual Design – May to Mid-July 2010
- Community Meeting #2 – July 14, 2010
- Design Development Stage – Late July through October 2010
- Community Meeting #3 – Mid-October 2010
- Complete Design Development Drawings – Mid-November 2010

Attachments: McLaughlin powerpoint presentation



## STEWART

**TO:** City of Raleigh Parks & Recreation Department  
Falls Whitewater Steering Committee

**FROM:** Cindy Szwarcop, AICP

**DATE:** 7/20/2010

**REFERENCE:** Falls Whitewater Park Community Meeting #2  
July 14, 2010

**STEWART  
PROJECT  
NUMBER:** C09047

**Meeting Location:**

Durant Nature Park, Campbell Lodge

**Meeting Time:**

7pm to 8:30pm

**Meeting Attendees:**

The following 29 people signed the guest attendance log:

Scott Reston  
Cleo Smith  
Mary Stager  
Shawn Gordon  
Matt Howard  
Ian Pond  
Elizabeth Gardner  
Sharron & Ken Parker  
Carol Banaitis  
Dick Bailey  
Spencer Muse  
Sig Hutchison  
Jerry Walker  
Paul Scrutton  
Russ Scheve  
Doug Stager  
David Muse  
Cal Coetlee  
James Mong  
H. B. Williamson  
Larry Ausley  
Garry Walston  
Cindy Muse  
Jeanne Smoot  
David Smoot  
Nancy Guthrie  
H.H. Hancock  
John Jenkins

**City of Raleigh and Design Team Attendees:**

Vic Lebsock - City of Raleigh  
Kathy Capps - City of Raleigh  
Garry Walston, RLA - Stewart  
Cindy Szwarcop, AICP - Stewart  
John Anderson, McLaughlin Whitewater  
Risa Shimoda, McLaughlin Whitewater





## STEWART

### Meeting Agenda

1. Introduction, Recap, and Welcome – Kathy Capps
2. Hydraulic Analysis, Feasibility Study & Conceptual Design – McLaughlin
3. Question & Answer Session – Design Team

Kathy Capps noted that the new city webpage will be active on 8/1 and there will be a page dedicated to the Falls Whitewater Park project – [parks.raleighnc.gov](http://parks.raleighnc.gov) – then type in whitewater park. John Anderson and Risa Shimoda presented the Hydraulic Analysis, Feasibility Study, and Conceptual Design presentation.

The following questions/topics for future discussion/analysis were noted after the presentation:

- Will the park be competitive? It will be designed for local events and programming including rodeo activities.
- What is the purpose of seating? There will be informal seating areas located on the south channel area.
- Concern with erosion at the canoe launch and other activities, including illegal activities. Armoring will improve the erosion conditions and be an aesthetic improvement.
- Prior to the canoe launch there was a little traffic on the river. Now there are a lot of people and lots of illegal activities in the canoe launch area. There is a need for additional security. The south side of the river is a mess. Concerned about the impact of the greenway.
- The City wants to bring appropriate recreation to the area. Sig Hutchison noted that the greenway will bring controlled access to the area as opposed to uncontrolled access.
- Will waves be more dynamic with more movement?
- What is the cost range for the project? The cost will be determined during the design development phase of the project.
- What is the anticipated time for construction? It is anticipated that the whitewater park could be constructed during one construction season (late spring to early winter).
- How many users are expected? It was noted that there are 300 to 400 kayakers in the RDU area, 1,100 members in the Carolina Canoe Club, and that Paddle Creek sends over 4,000 people per year on trips down the river. This whitewater park will be open to the public for canoeing, kayaking, tubing, fishing, etc. It was acknowledged that the largest user group will be the boaters.
- What is the anatomy of the three drops? Project is being designed to provide variety.
- Why not vary the height in the drops? The fixed drops do not go over two feet which is a design standard.
- Can training be incorporated into the park?
- Can the park be designed for higher flows?
- It was noted that the presentation showed 99 days in the south channel with the proposed conditions. How does the 99 projected days compare to existing conditions since the south channel does not have the flow to support many paddling days?
- Larry Ausley noted that the park will introduce paddling to a larger community – the beginning paddlers.
- It was noted that in the presentation three play areas were shown. There was a question as to whether these areas will “do away with” the current natural play spots.
- Why does the plan start beneath the bridge? The USACOE has asked that the park be built downstream of the bridge for safety reasons. There are legal restrictions against building too close to the spillway.
- Can deep water rescue be included as part of the park programming? The park should include anchor points and areas for rope drills.
- Should include local rescue squads in the design of the park.

It was noted that the next community meeting will be held in mid-October. The purpose of that meeting will be to present the design development drawings including parking areas, access improvements, cost information, etc.



#### Project Schedule:

- Meeting #1 (Kick-off Meeting) – January 19, 2010
- Data Collection/River Survey – Complete – May 2010
- Preparation of Conceptual Design – May to Mid-July 2010
- Community Meeting #2 – July 14, 2010
- Design Development Stage – Late July through October 2010
- Community Meeting #3 – Mid-October 2010
- Complete Design Development Drawings – Mid-November 2010

The following comments were received via the comment sheets:

*This proposed park will be a big asset to the Raleigh area. There will be many teaching opportunities (ie) swiftwater rescue, intro to whitewater, kayaking, etc. It should enhance the area surrounding the tailrace and perhaps will bring more people to the river which should help to increase river stewardship.*

*I think this is GREAT! Great synergy with the greenway. I believe it should move forward.*

*The opportunity for teaching after the park is established is great and should be developed. Not only a source of revenue, but a way to encourage use of the park. This is a good resource for novices and beginners to turn to.*

Please join the City of Raleigh Parks & Recreation Department, Stewart Engineering, and McLaughlin Whitewater as they present an update on the Falls Whitewater Park feasibility study. A question & answer session will follow the presentation.

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Falls Whitewater Park  
Community Meeting  
Wednesday, July 14th, 2010  
7pm to 8:30pm  
Campbell Lodge at Durant Nature Park  
3237 Spottswood Drive, Raleigh, NC 27615

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If you have any questions in advance of the meeting, please contact:  
Vic Lebsock at [victor.lebsock@raleighnc.gov](mailto:victor.lebsock@raleighnc.gov) or 996-4786  
Cindy Szwarcop at [cszwarcop@stewart-eng.com](mailto:cszwarcop@stewart-eng.com) or 866-4823



City Of Raleigh  
North Carolina

# Falls Whitewater Park Community Meeting #2

## Guest Attendance

July 14, 2010 - 7pm to 8:30pm

	NAME	ADDRESS
1	JERRY WALKER	600 RIVER SIDE DR WAKE FOREST, 27587
2	PAUL SCRUTTON	3 TIPPECANOE CT., DURIAM, NC 27713
3	RUSS SCHEVE	504 OLIVE BRANCH RD, DURIAM, NC 27703
4	DOUG STAGER	7508 DRAYTON CT RALEIGH NC 27615
5	David Muse	9629 Waterwood Ct Wake Forest, NC 27587
6	CAH COETZEE	209 N CHURCH, DUKHAM, NC, 27701
7	James Mory	5109 LENORA WAY DR RALEIGH, NC 27613
8	H.B. WILLIAMSON	5419 FIELDSTONE DRIVE, RALEIGH 27609
9	LARRY AUSLEY	6717 VALLEY WOODS LN., CARY NC 27519
10	GARRY WALSTON	421 FAYETTEVILLE ST. SUITE 400 RAL 27601
11	CINDY MUSE	5410 RAVENHURST DR DUKHAM NC 27713
12	Jeanne J. Smart	940 Stone Falls Tr. 27614
13	David M. "	" 27614
14	Nancy Guthrie	6717 Valley Woods Ln, Cary NC 27519
15	H.H. HANCOCK	2624 WELLS AVE RALEIGH, NC 27608
16	John Jenkins	9610 Barton's Creek Rd Raleigh, NC 27615
17		
18		
19		
20		



City Of Raleigh  
North Carolina

# Falls Whitewater Park Community Meeting #2

## Guest Attendance

July 14, 2010 - 7pm to 8:30pm

	NAME	ADDRESS
1	Scott Reston	7812 Harps Mill woods Run
2	Cleo Smith	P.O. Box 17127 ; Raleigh, NC 27619
3	MARY STAGER	17508 DRAYTON CT. RALEIGH, NC 27615
4	Shawn Gordon	9609 Waterwood Ct. Wake Forest 27587
5	Matt Howard	3824 Laurel Hills Rd. Raleigh, NC 27612
6	IAN POND	112 GREENHAM AV DUNHAM 27704
7	Elizabeth Gardner	1806 Bickett BLVD. Raleigh NC 27608
8	Sharron + Ken Parker	1500 River Mill Dr. #306 Wake Forest, NC 27587
9	Carol Banatjis	USACE 11405 Falls of Neuse Rd
10	DICK BAKER	PER
11	Spencer Muse	5410 Ravenswood Pl Durham NC 27713
12	Sig Hittinger	2704 Spring Meadow Ct. #717614
13		
14		
15		
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# Falls Whitewater Park Community Meeting #2

July 14, 2010

## Scope of Project

The Raleigh City Council adopted the Neuse River Master Recreation Plan in 1996 which included the possibility of developing a whitewater course in the area of the Falls Lake Dam. Historically, the paddling community has used this area for practice and play. The US Army Corps of Engineers has a mandated release regiment which prescribes the releases from the lake. In over 80 percent of the days, on an annual basis, the releases from the lake are very low. The objective of this project is to develop a whitewater course which will allow for the use of the area as a recreational/non-competitive whitewater park during low flow periods as well as protecting the opportunity for continued use of the area during the less frequent high release days.

The 2003 Park Bond Referendum included funding for the design of the Whitewater Park. Stewart Engineering, in conjunction with McLaughlin Whitewater Engineering, is conducting a hydraulic analysis, feasibility study, and preparing a conceptual plan for the 900-foot reach extending below the tail race of Falls Lake Dam. Once the concept plan is finalized, plan elements will be prioritized and a phasing plan will be developed accordingly.

## Project Schedule and Milestones

Community Meeting #1 (Kick-off Meeting)	January 19, 2010
Data Collection/River Survey	Complete – May 2010
Preparation of Conceptual Design	May to Mid-July 2010
Community Meeting #2	July 14, 2010
Design Development Stage	Late July to Early October 2010
Community Meeting #3	Mid-October 2010
Complete Design Development Drawings	Mid-November 2010

### Project Contact Information

#### City of Raleigh

Mr. Vic Lebsock, Project Manager  
Parks & Recreation Department  
333 Fayetteville Street  
Suite 300  
Raleigh, NC 27601  
996-4786  
[victor.lebsock@raleighnc.gov](mailto:victor.lebsock@raleighnc.gov)

#### Design Team

Cindy Szwarcokop, AICP  
Stewart  
421 Fayetteville Street  
Suite 400  
Raleigh, NC 27601  
866-4823  
[cszwarcokop@stewart-eng.com](mailto:cszwarcokop@stewart-eng.com)



# Falls Whitewater Park Community Meeting #2

July 14, 2010

## Scope of Project

The Raleigh City Council adopted the Neuse River Master Recreation Plan in 1996 which included the possibility of developing a whitewater course in the area of the Falls Lake Dam. Historically, the paddling community has used this area for practice and play. The US Army Corps of Engineers has a mandated release regiment which prescribes the releases from the lake. In over 80 percent of the days, on an annual basis, the releases from the lake are very low. The objective of this project is to develop a whitewater course which will allow for the use of the area as a recreational/non-competitive whitewater park during low flow periods as well as protecting the opportunity for continued use of the area during the less frequent high release days.

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333 Fayetteville Street  
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[victor.lebsock@raleighnc.gov](mailto:victor.lebsock@raleighnc.gov)

#### Design Team

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Suite 400  
Raleigh, NC 27601  
866-4823  
[cszwarcop@stewart-eng.com](mailto:cszwarcop@stewart-eng.com)



## STEWART

she agrees in theory, but there are some things that she can't agree with now in the current vision statement. She noted that the "lacking part" is the lack of protect. She agreed with celebrate because there are certainly pieces that are celebrated in the current form – this represents the historical part.

- Tom noted that through this process we may find out that the goal/vision is not possible. We may not be able to sustain or improve habitat. May not disrupt but may not enhance either.
- Shari with NCWRC noted that this might not be the case. Different fish species could have an improved habitat and others may not. This project could change the fish species in the area.
- Tom wondered what is a "fair" amount of material to place in the channel to constrict it. He would like additional information from the consultants.
- Kathy noted that everything that we do as a group is public record.
- Alissa isn't sure how the project can be done. She isn't convinced that it can be done. She feels that if the vision statement is tweaked, then she can support it.
- Kathy noted that there will be people that are for and people that will be against the project and each will try to generate public sentiment. By doing this, it discredits the work of the entire committee.
- It does not benefit the project or the committee when Steering Committee members solicit support for the project without the collaboration of the City. Soliciting support as a single entity instead of in concert with the City weakens the overall project and process.
- Steering Committee members should not try to sabotage the project or generate negative support of the project.
- We should work out any differences while seated at the table.
- Vic noted that we come here to share information without bias. Each Steering Committee member should solicit comments and bring them back to the entire group.
- We will not editorialize on the information or data that is presented to the Steering Committee.
- Any comments that are brought forth by a member from their respective interest group will be discussed at the table.
- Everyone needs to commit to the process to the end, whatever the end may be.
- The group will balance all activities that could/could not happen in this stretch of the river.
- There was unanimous support of the process.
- There was discussion related to altering the vision statement. It was asked if the vision statement could be altered to include "protect".
- Bob noted that there are certain areas where no impact should take place. He completely believes in this – especially to protect during construction. But we can't set up a project purpose where the entire area is to be protected.
- Sarah noted that she was leery of the word "protect." In this segment of the river, we are trying to create a whitewater park. What about protecting a part of the river?
- Celebrate is an important word. If it is celebrated – more people will come to experience the river.
- Protection is more of a quality descriptor. Would have action steps to protect but not celebrate.
- It was asked if we should leave the mission statement alone but acknowledge that protection is high on the list.
- How about protected wherever possible, enhanced, and celebrated?
- A vote was taken of the attendees – 9 voted to amend the vision statement and 1 voted against.
- The **revised vision statement** reads: "To create a river park that provides multiple water-based recreational and educational opportunities throughout as much of the year as possible with the known historical release levels. The river and its natural habitat will be protected, enhanced and celebrated through the creation of this project."

**FALLS WHITEWATER PARK**  
**July 14, 2010**  
**Community and Steering Committee Meetings**

**Summary of Project Requirements**

- Recreational whitewater course in south channel;
- Water diversion / Protect low flows in north channel;
- Surfing waves (2 to 3);
- Pools and calm water;
- Local events and programs;
- Access improvements;
- No impact to 100 year flood plain;
- No features upstream of the Falls of the Neuse bridge;
- No boating or water access within restricted area below spillway; and
- Pedestrian bridge and foot access to island has been removed from the project.





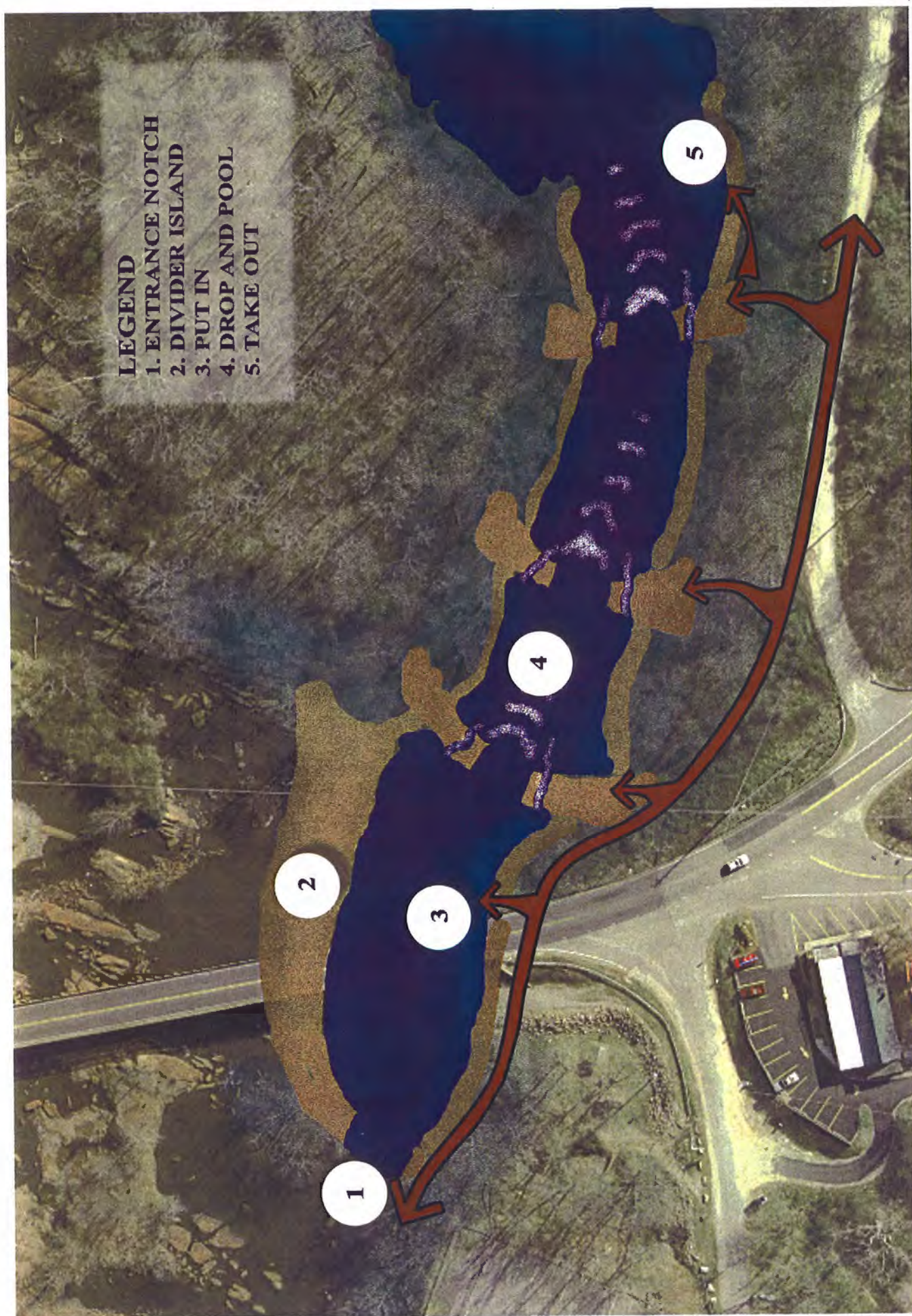


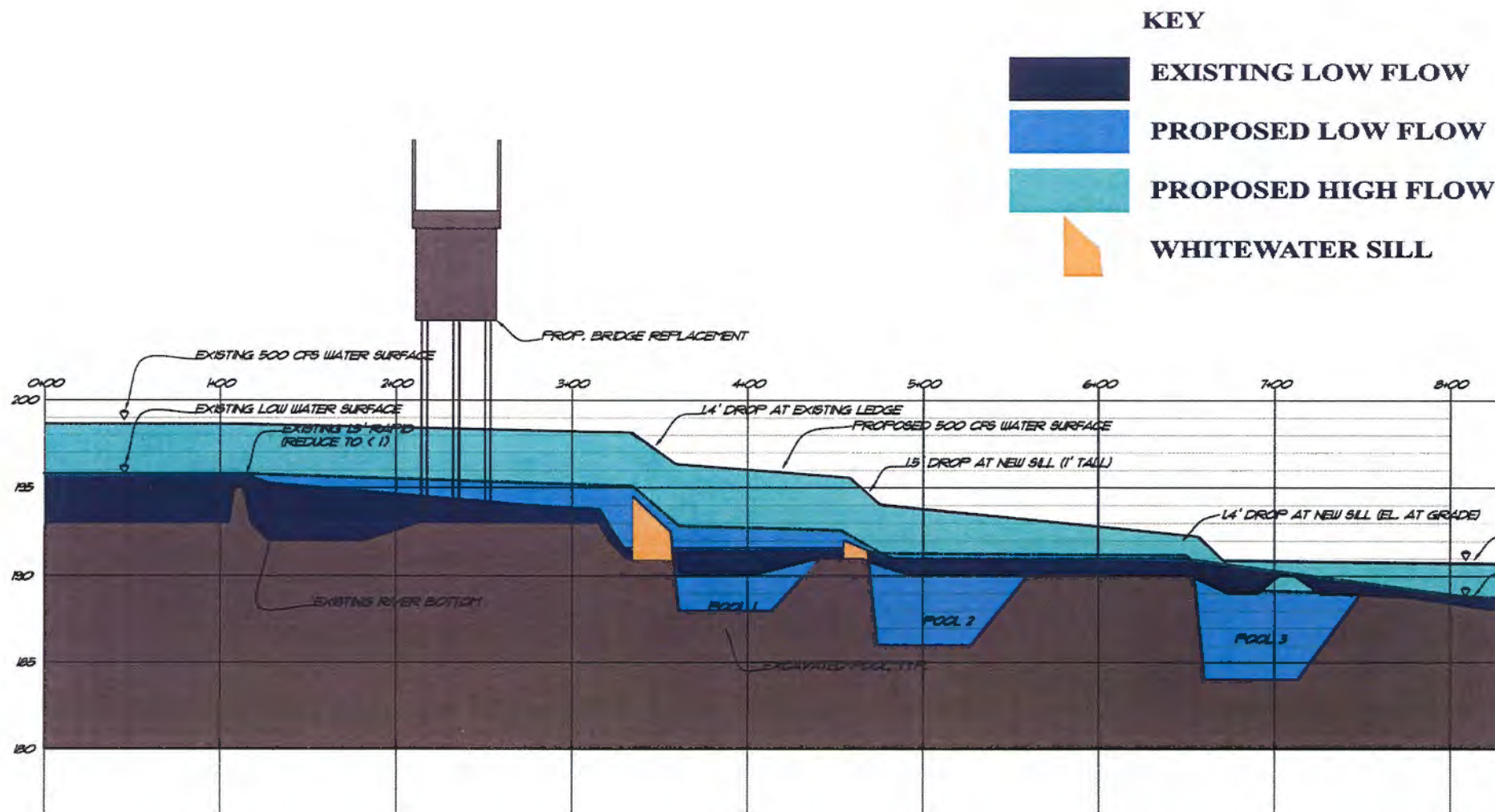
FIGURE 1 PLAN AT 500 CFS





**FIGURE 2 ~ OVERALL SITE PLAN**





**FIGURE 3 ~ SOUTH CHANNEL PROFILE**



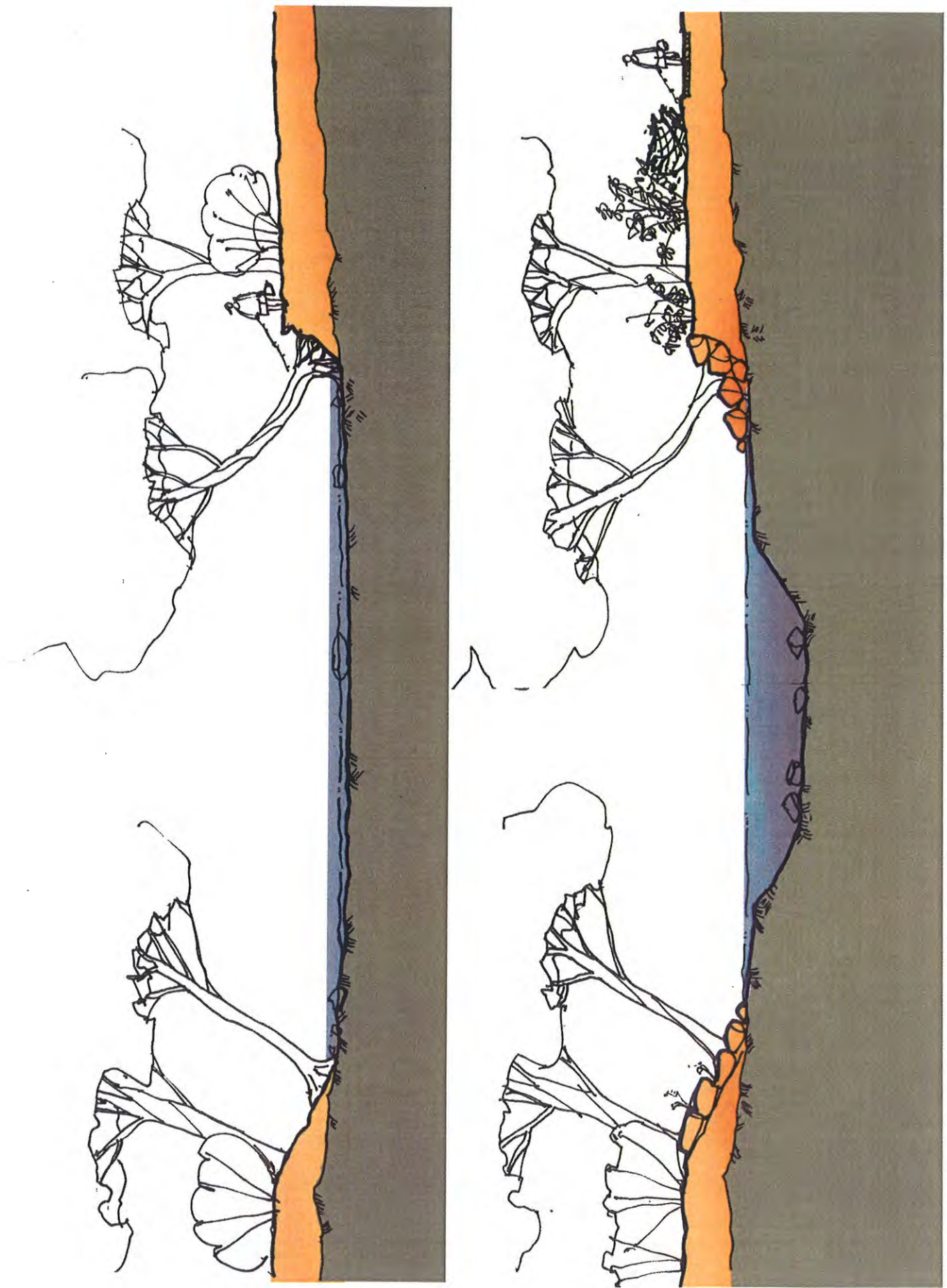


FIGURE 4 EXISTING AND PROPOSED CHANNEL CROSS SECTIONS

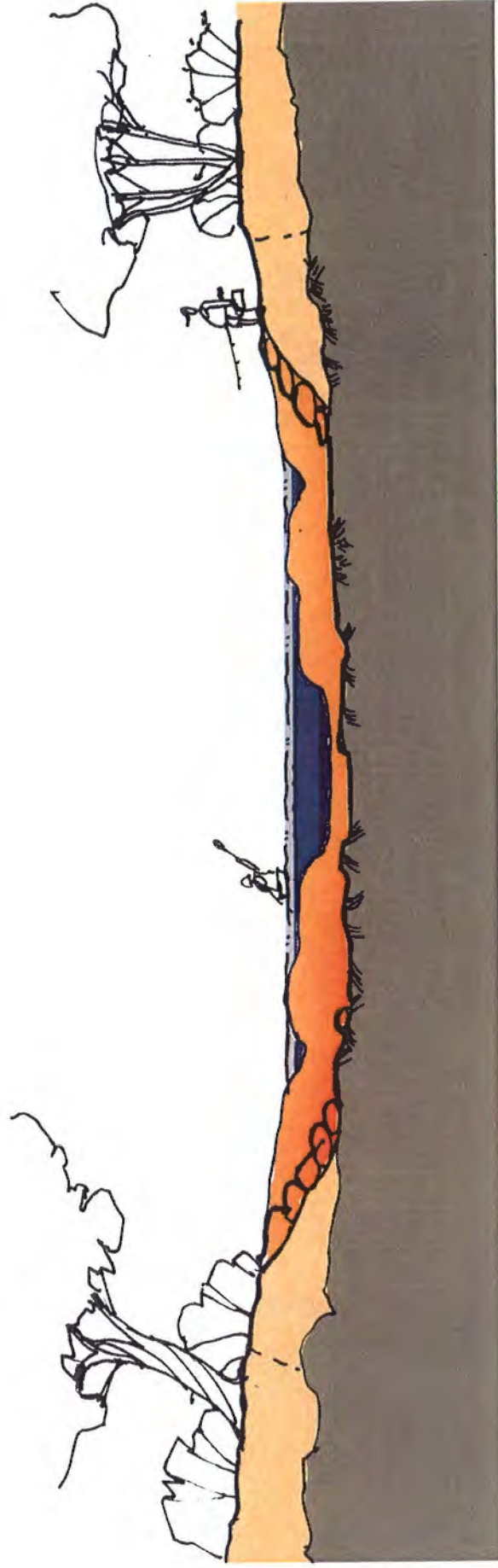


FIGURE 5 ~ ELEVATION OF TYPICAL DROP



# Conceptual Design Falls Whitewater Park



City of Raleigh, North Carolina

July 14, 2010



## *Contents*

1. Whitewater Park Examples
2. Review of Project Requirements and Concerns
3. Conceptual Design
4. Hydraulic Analysis
5. Diversion
6. Impacts



## *Olympic Heritage*



## *Olympic Heritage*



## Olympic Heritage



## US Paddle Sports Historical Markers

- 1950's Canoes mass-produced, paddling clubs
- 1960's Race and recreational network
- 1970's 1972 Olympics and *Deliverance*
- 1980's Kayaks mass-produced
- 1990's Sit on top kayaks, lake kayaks, inflatables
- 2000's Whitewater park growth: 15 to 65



## *US Whitewater Parks*

- Rockies - 40
- Midwest - 10
- Northeast - 2
- Mid-Atlantic - 3
- Southeast - 6
- Pacific / PNW - 7



## *International Whitewater Parks*

- 10 - France
- 6 - England
- 5 - Czech Republic
- 2 - China, Germany, Greece, Slovakia, Spain
- 1 - Italy, Brazil, Canada, Netherlands, Norway, Poland, Slovenia, Wales, Australia





## *Self-Contained Parks*



- Multiple trips or open use available for a fee
- Adventure Sports Center (MD), US National Whitewater Center (NC)

## *In-River Parks - Urban*

- Destinations for river users
- Backdrop for shore-based recreation
- Urban parks serve diverse populations





## *Suburban, Small Town Locations*



## *Economic Development*





## *Family Friendly*



## *Opportunities to Grow River Skills and Stewardship*

- Accessibility
- Controlled environment
- Opportunity to grow river use and stewardship





## 2. Project Requirements

- Recreational whitewater course in South Channel
- Water diversion / Protect low flows in North Channel
- ~~Pedestrian bridge~~
- No impact to 100 year flood plain
- No features upstream of Fall of the Neuse bridge
- No boating or water access within restricted area below spillway



## Whitewater Project Wish List

- Surfing waves (2 to 3)
- Pools and calm water
- Local events and programs
- Access improvements





## *Concerns*

- Impact of water diversion
- Alteration of aquatic habitat, fish passage, fish stranding, etc.
- Increased level of activity
- Impacts to riparian zone, stream banks
- User conflicts
- Impact to flood hydraulics

## *Project Location*



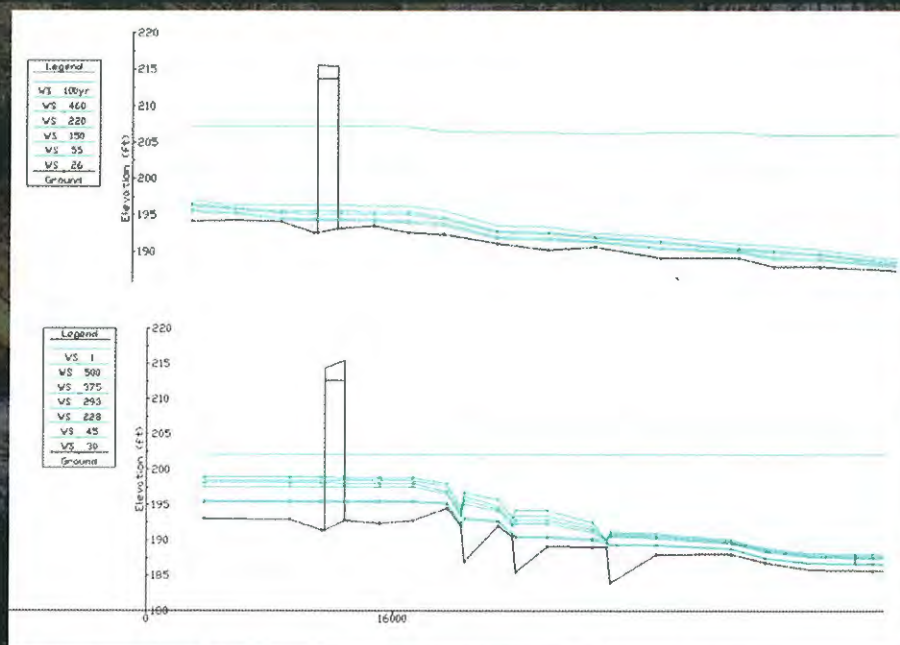


### 3. Conceptual Design

- 3 whitewater drops with play waves with 4.5 feet of drop
- Water diversion
- Access and bank protection



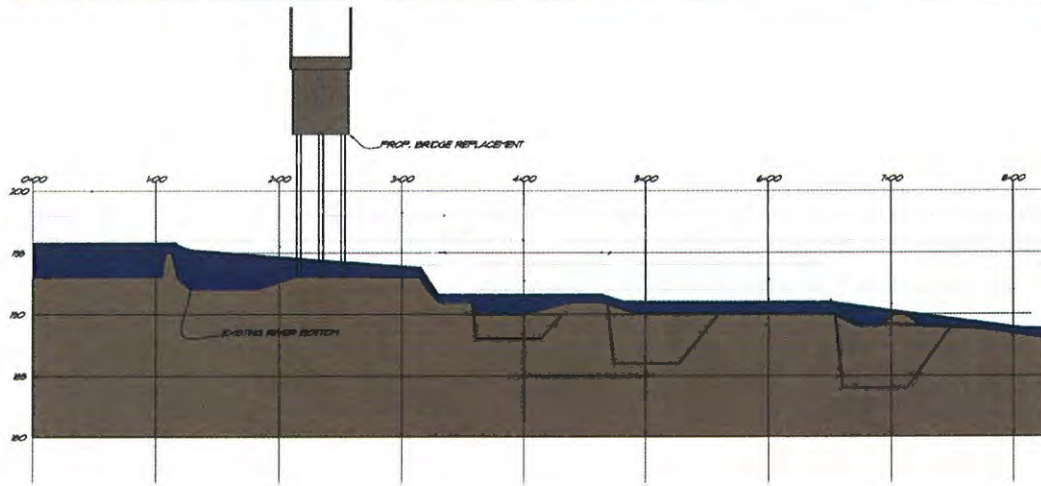
### Initial Hydraulic Analysis





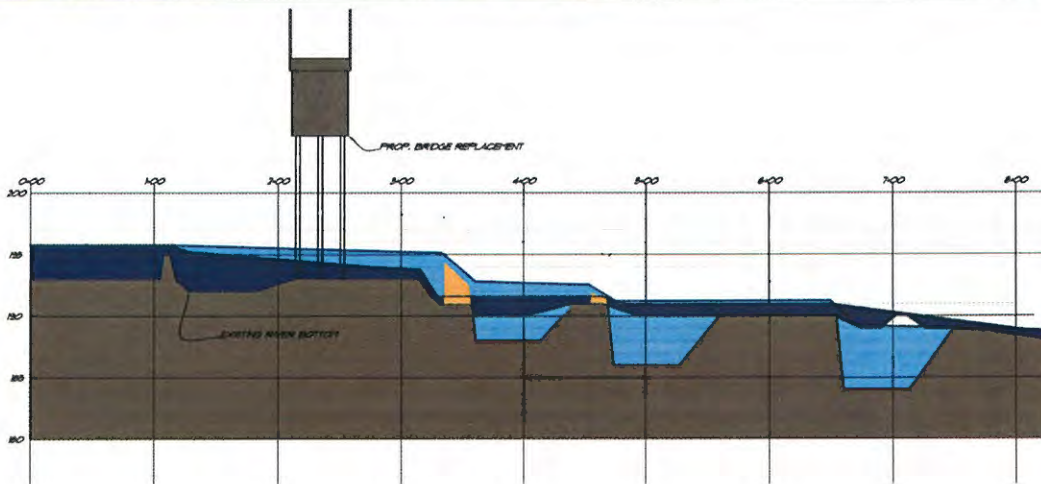
## Hydraulic Profile

- Existing low flow water surface profile



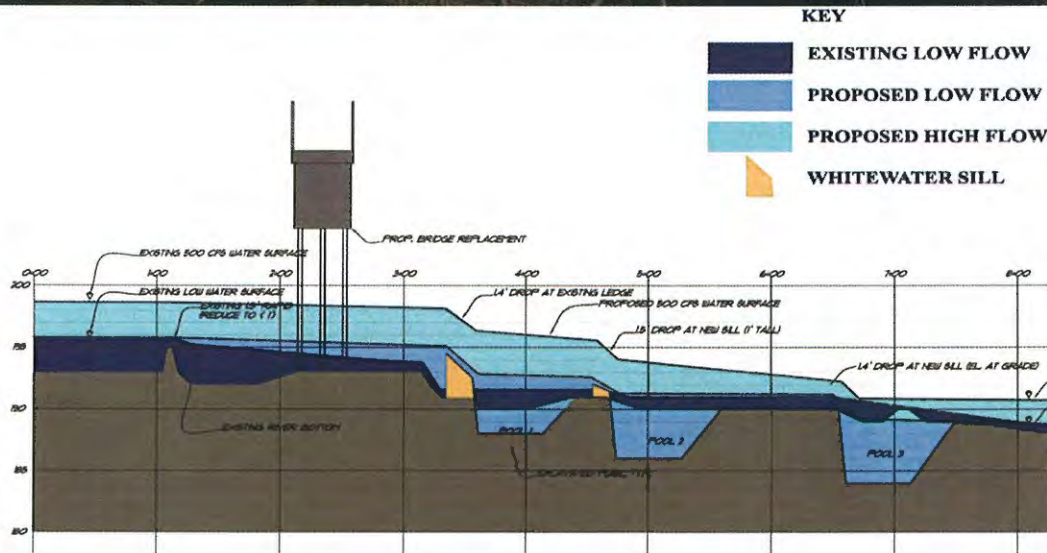
## Hydraulic Profile

- Proposed low flow water surface profile including improvements:
  - 3 Sills to redistribute existing drop
  - Deep pools to help create better waves and depth for fish



## Hydraulic Profile

- Proposed 500 cfs water surface profile including improvements:
  - 3 Sills to redistribute existing drop
  - Deep pools to help create better waves and depth for fish



## Plan ~ Low Flow





*Plan ~ 200 to 500 cfs boating flow*



*Play Wave Anatomy*





## *Play Wave Anatomy*



## *Play Wave Anatomy*





## Play Wave Anatomy



## Play Wave Anatomy



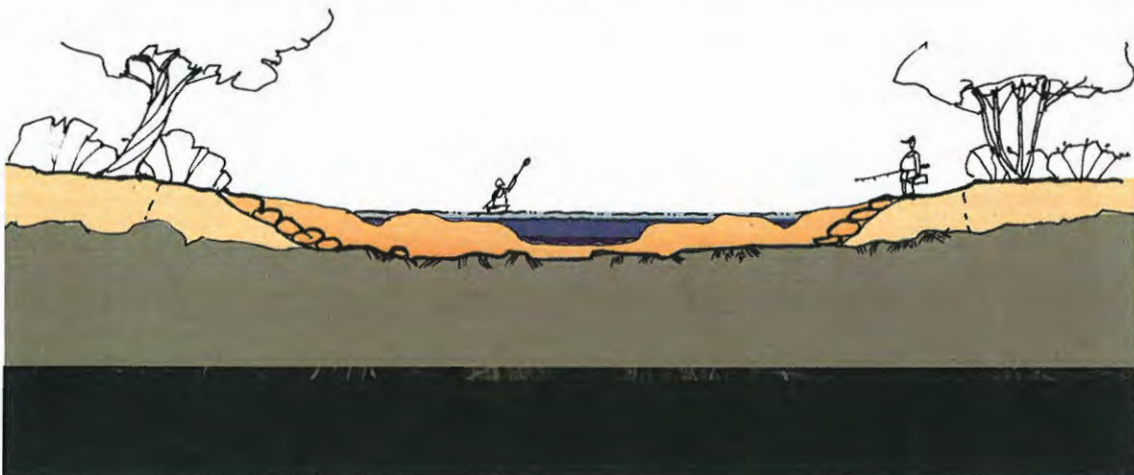


## Play Wave Anatomy



## Elevation of Typical Drop

- Low flow notch creates the play wave
- Shoulders and side spill notches help the wave formation and help prevent re-circulating eddies





## *Possible Construction Methods*

- River Rock
- An economical source may not be available
- Taking rock from a river may not be permit-able



## *Possible Construction Methods*

- Faux rock to resemble natural rock outcrops
- Readily available, but expensive





## *Possible Construction Methods*

- Quarried granite boulders
- Readily available, least expensive material



## *Recommended Approach*

- Use faux rock at the ledges and constrictions to blend in with the bedrock
- Use quarried granite for shore armoring and divider island





## Access and Bank Protection

### Problems

- Bank erosion from high water
- Recirculating flows from whitewater drops
- Foot traffic can trample herbaceous plants that can hold soil

### Solutions

- Armor banks reduce erosion
- Limit shore access to hardened areas
- Main circulation paths located well back from river's edge
- Limit traffic at water's edge and confine it to the armored banks



## River Access Don'ts

Removal of herbaceous plants and understory can result in soil loss

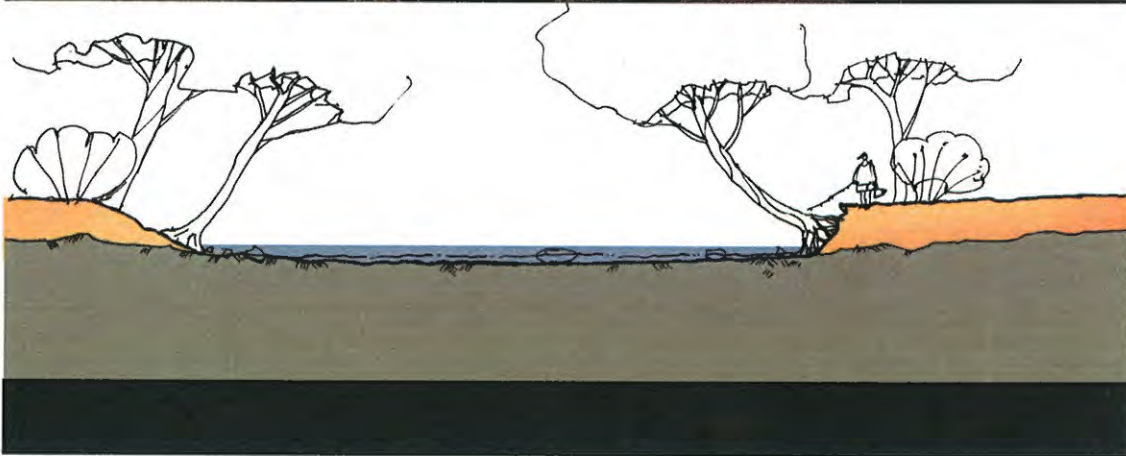
Turf grass site furnishings and light poles are inappropriate near the river's edge





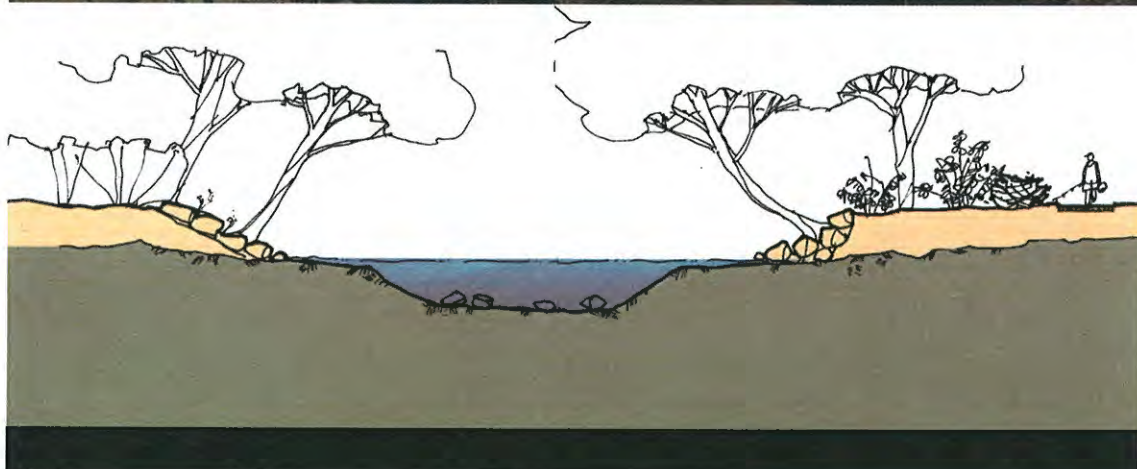
## *Existing Channel Section*

- Foot traffic at top of bank erodes shoreline
- Undercut banks fail, causing trees to fall into river



## *Proposed Channel Sections*

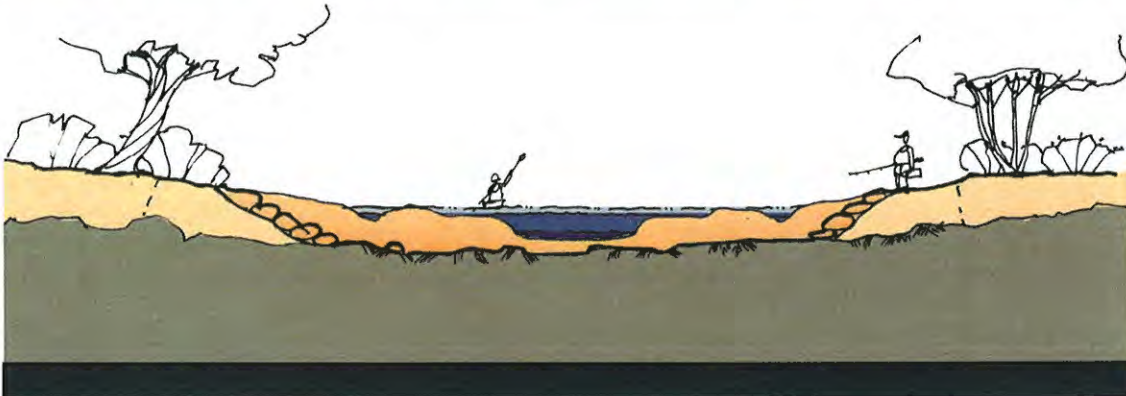
- Bank armoring to reduce erosion and protect existing trees
- Limited foot traffic along armored shorelines
- Main foot traffic back from river's edge
- Slash piles to discourage traffic in riparian zone
- No clearing of undergrowth





## Proposed Sections

- Access at the whitewater drops for viewing and fishing
- Limited access along armored shoreline



## Access Plan

- Main path is set back from river
- Access is concentrated at designated overlooks (at the drops)
- Selected hardened spaces for heavy traffic and viewing
- Put-in at bridge, intermediate take out below last drop





## *Water Diversion*

**Purpose:** Increase the number of boating days by diverting more water to the South Channel.

- Constructed of natural rock and grout or Faux Rock that looks like existing bedrock
- No automated gates or moving parts
- No impact to flood elevations
- Maintain low flows in North Channel

## *Water Diversion Hydraulic Criteria*

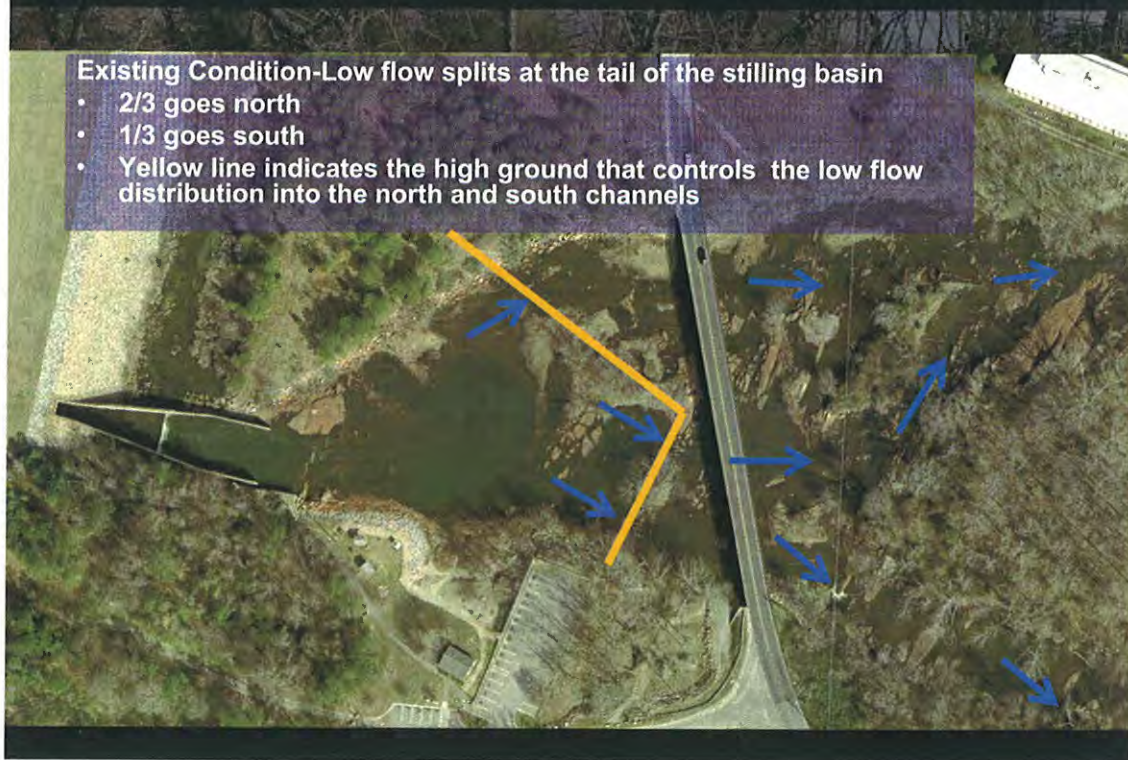
- 100 cfs or less: no discernable impact to flow split.
- 100 to 300 cfs: moderate increase in flow to South Channel.
- 300 to 1000 cfs: noticeable increase in flow to the South Channel—the “zone” for boating.
- 1000 cfs: decreasing impact to flow split.
- Flood flows: little to no effect on flow split.



## Existing flow split

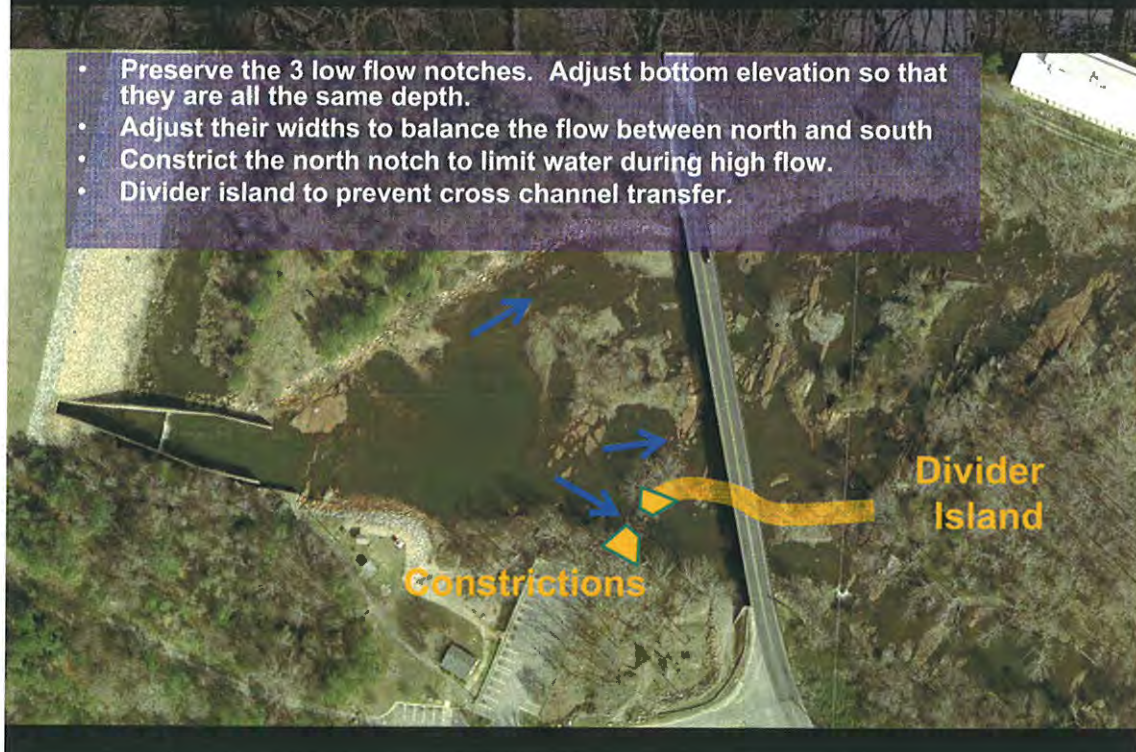
Existing Condition-Low flow splits at the tail of the stilling basin

- 2/3 goes north
- 1/3 goes south
- Yellow line indicates the high ground that controls the low flow distribution into the north and south channels



## Proposed Diversion

- Preserve the 3 low flow notches. Adjust bottom elevation so that they are all the same depth.
- Adjust their widths to balance the flow between north and south
- Constrict the north notch to limit water during high flow.
- Divider island to prevent cross channel transfer.





## Diversion Performance

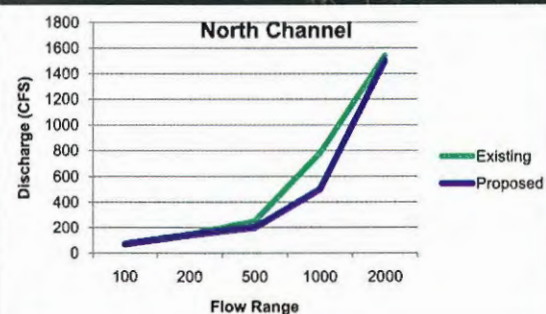
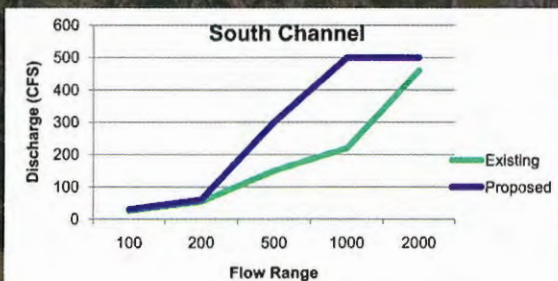
**Estimated Existing Flow Split**

Total Flow (cfs)	North Channel Flow (cfs)		South Channel Flow (cfs)	
100	74	74%	26	26%
200	145	73%	55	28%
500	350	70%	150	30%
1000	780	78%	220	22%
2000	1540	77%	460	23%

**Proposed Flow Split**

Proposed Flow Split (%)			Proposed Flow Split (CFS)		
River Discharge (CFS)	North Channel	South Channel	River Discharge (CFS)	North Channel	South Channel
<100	70%	30%	100	70	30
100 to 200	70%	30%	150	105	45
300 to 400	35%	65%	350	123	228
400 to 500	35%	65%	450	158	293
500 to 1000	50%	50%	750	375	375
1000 to 1500	70%	30%	1250	875	375
>2000**	75%	25%	2000	1500	500

## Diversion (cont.)





## Diversion Weir Benefits



	Without Weir	With Weir	Increased Days	% Increase
Full Year	76	99	23	30%
April to October	28	38	10	36%
June, July, August	8	9	1	13%



## Impacts

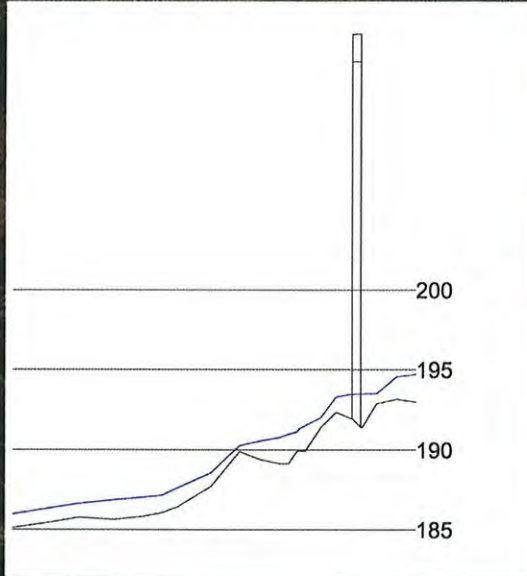
- Transfer of water from North to South channel
- Flood Impacts
- Aquatic Habitat





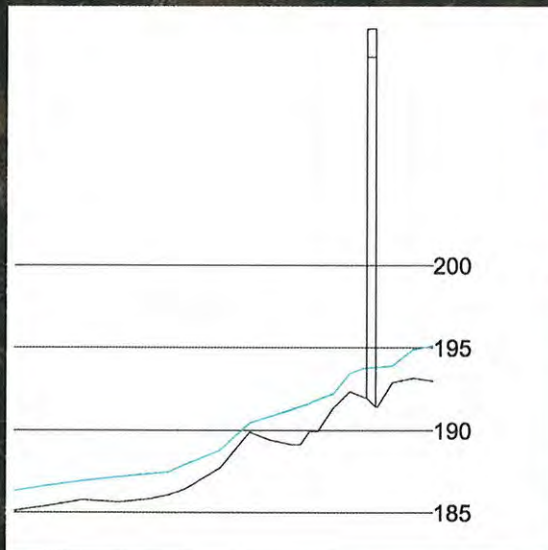
## Impact of Diversion

- 100 cfs net in river
- 74 cfs existing in North Channel
- 70 cfs proposed in North Channel
- $<1/4"$  difference in water surface



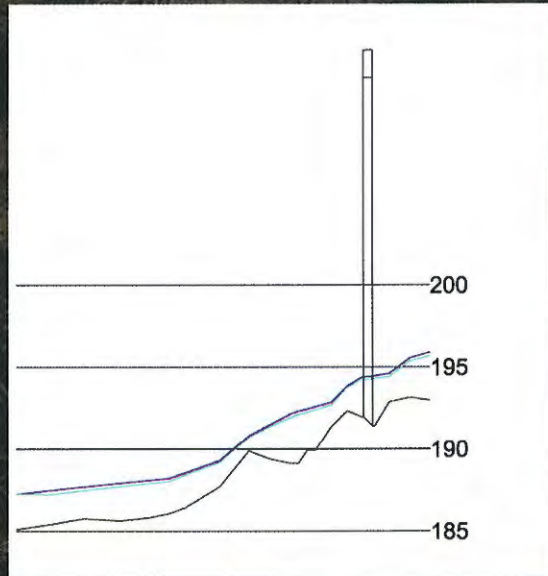
## Impact of Diversion

- 200 cfs net in river
- 150 cfs existing in North Channel
- 145 cfs proposed in North Channel
- $<1/4"$  difference in water surface



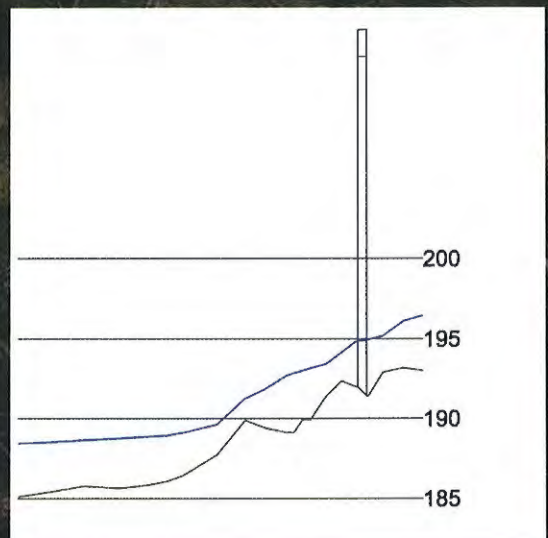
## *Impact of Diversion*

- 500 cfs net in river
- 350 cfs existing in North Channel
- 200 cfs proposed in North Channel
- 4" difference in water surface



## *Impact of Diversion*

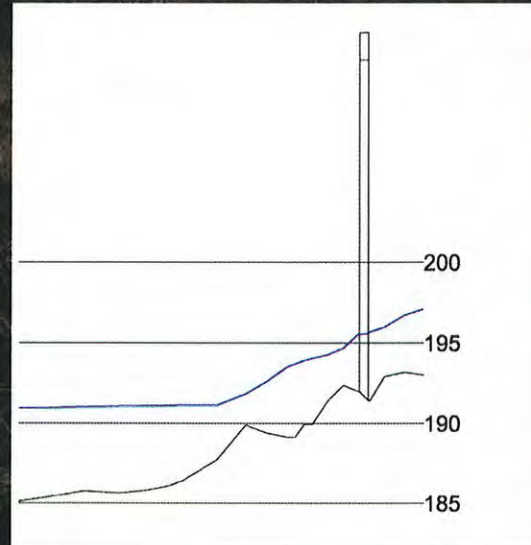
- 1000 cfs net in river
- 780 cfs existing in North Channel
- 500 cfs proposed in North Channel
- 5" difference in water surface





## Impact of Diversion

- 2000 cfs net in river
- 1540 cfs existing in North Channel
- 1500 cfs proposed in North Channel
- 1/2" difference in water surface



## Flood Impacts

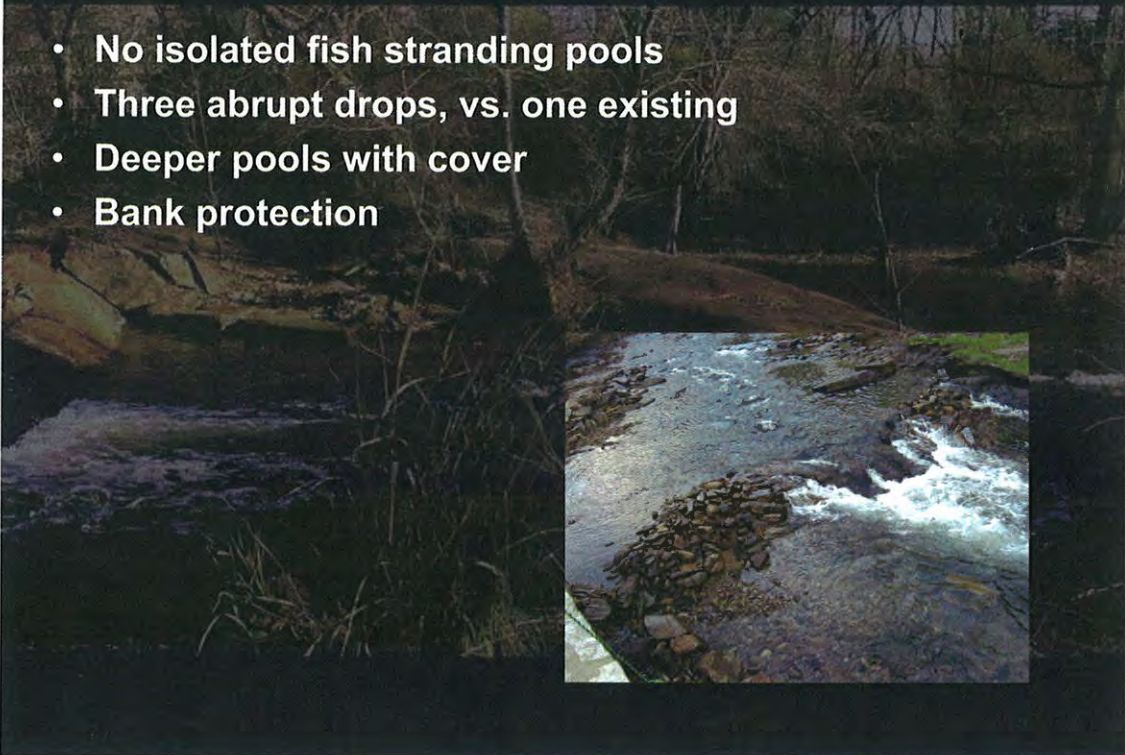
- Project has no impact to 100 year flood elevations, measured in 1/10 foot.
- Flood modeling does not take into account proposed bridge replacement.

Proposed Sills			Existing Conditions			Difference
River Sta.	Q Total (cfs)	W.S. Elev (ft)	River Sta.	Q Total (cfs)	W.S. Elev (ft)	
12350	11100	205.19	12350	11100	205.16	0.03
12300	11100	205.21	12300	11100	205.18	0.03
12230	11100	205.22	12230	11100	205.19	0.03
12190	11100	205.18	12190	11100	205.14	0.04
12170 Bridge			12170 Bridge			0
12150	11100	205.16	12150	11100	205.13	0.03
12100	11100	205.17	12100	11100	205.14	0.03
12060	11100	205.17	12060	11100	205.14	0.03
12010	11100	205.13	12010	11100	205.12	0.01
12009	11100	205.13				
12008	11100	205.15				
11931	11100	205.1				
11930	11100	205.09	11930	11100	205.1	-0.01
11929	11100	205.09				
11860	11100	205.09	11860	11100	205.08	0.01
11801	11100	205.06				
11800	11100	205.06	11800	11100	205.06	0
11799	11100	205.06				
11710	11100	205.07	11710	11100	205.07	0
11590	11100	205.07	11590	11100	205.07	0
11540	11100	205.06	11540	11100	205.06	0
11470	11100	205.05	11470	11100	205.05	0
11370	11100	205.02	11370	11100	205.02	0
11270	11100	204.99	11270	11100	204.99	0
11170	11100	204.97	11170	11100	204.97	0
11080	11100	204.97	11080	11100	204.97	0
10980	11100	204.95	10980	11100	204.95	0
10890	11100	204.91	10890	11100	204.91	0
10800	11100	204.86	10800	11100	204.86	0
10710	11100	204.83	10710	11100	204.83	0
10590	11100	204.82	10590	11100	204.82	0
10490	11100	204.76	10490	11100	204.76	0
10400	11100	204.73	10400	11100	204.73	0
10290	11100	204.69	10290	11100	204.69	0
10200	11100	204.69	10200	11100	204.69	0
10100	11100	204.63	10100	11100	204.63	0
10000	11100	204.62	10000	11100	204.62	0
67	11100	202.1	67	11100	202.1	0



## ***Aquatic Environment Impacts***

- No isolated fish stranding pools
- Three abrupt drops, vs. one existing
- Deeper pools with cover
- Bank protection



**THANK YOU!**





## STEWART

**TO:** City of Raleigh Parks & Recreation Department  
Falls Whitewater Steering Committee

**FROM:** Cindy Szwarcop, AICP

**DATE:** 8/19/2010

**REFERENCE:** Falls Whitewater Steering Committee Meeting #6  
August 16, 2010

**STEWART  
PROJECT  
NUMBER:** C09047

### Meeting Attendees:

Shari Bryant, NCWRC  
Sarah King, Paddler  
Bob Zarzecki, Paddler  
Elizabeth Gardner, Paddler  
Russ Scheve, Carolina Canoe Club – Swift Water Rescue  
Chief Frank McLaurin, Swift Water Rescue  
Kathy Capps, City of Raleigh  
Vic Lebsock, City of Raleigh

### Design Team:

Garry Waiston, RLA - Stewart  
Cindy Szwarcop, AICP - Stewart  
John Jenkins II, PE - Stewart  
David Boyette, PE - Stewart  
Aaron Asquith, McLaughlin Whitewater (via phone)  
Risa Shimoda, McLaughlin Whitewater (via phone)

### Meeting Agenda:

1. Impact of water diversion in the north channel
2. Discussion of Dam Images
3. Swift Water Rescue Training Needs
4. Land Based Elements Discussion/Design Session

### Meeting Discussion:

#### Water diversion

- Vic noted that the tables show that flows will still go to the north channel just not as much. Look at the existing/proposed conditions, the channel never loses water below the low flow standard. The north channel will still get water with increased releases just not as much.
- The depth of the water (unaltered vs. altered) is shown in the table.
- As flow increases the depth increases at each stage.
- The important distinction is that the depth is still there. It was noted that this should be shown graphically on a map.
- The average width in this portion of the river is 140', this project proposes to reduce down to 115' in width.
- At 2000 cfs water tops the divider island. The changes are very small at 2000 cfs, going back to natural flow split.
- The goal is at low flow to maintain the majority of what is in the north channel.
- Tom Freeman asked "assuming there is a constrictor device, will there be a backwater effect to the upstream portion of the pool?" Aaron will look into this and provide an answer.
- Will there be an increase in tail race elevation due to the installation of the divider?
- Shari Bryant noted that the NCWRC still has concerns regarding whether shad will be able to move through the north channel. She noted that the





## STEWART

500 to 1000 cfs flows are critical. She believes that the diversion of water to the north channel could reduce andamanous fish flows by 13 percent (since the south channel would include the whitewater course).

- Shari noted that it appears that 700 cfs really is 522 cfs in the north channel (with diversion). With the proposed plan fish would need 1000 cfs to get to the 700 cfs flow level.
- Is it possible to construct the diverter island with adjustability? It was noted that it had been decided by the committee and community groups that the diversion island should not look mechanical, but rather mimic the natural surroundings.
- Is the last 900' that important to the shad? The shad can't get past Milburnie Dam. Shad haven't been able to move up this area in the past 100 years.
- If the project can't produce the volumes needed for shad movement, can we create a habitat below this area for spawning? Look at creating this area 900' short of the course. This option would negate potential fisher/kayaker conflicts.
- How many days of the year do shad spawn? Shari noted that it depends on the water temperature and flow.
- Is the water temperature favorable to shad since the water comes from the reservoir? Tom note that the water comes from the top of the pool.
- From an operational standpoint – would paddlers have any impact on the sandy area just on the west side of the bridge? It was noted that it isn't believed that the upper low flow notch will be an area where boaters will want to paddle. This is a prime bank fishing area.
- Kathy Capps noted that Seth Yearout (Adventure Programs Director) could not attend the meeting, but forwarded on to Kathy a list of wants/concerns:
  - Is there an opportunity to vary the drops? Aaron Asquith noted that if there is a strong push for a specific type of training environment, they will try to incorporate those elements.
  - The drops have less teaching value with three straight down the middle play areas.
  - Could a boulder be put in the middle of the second play area to guide people left or right?
  - The Adventure Programs staff would like to see as much diversity as possible for teaching value.
- The Steering Committee needs to identify the play features/moves they wish to see in the park.
- Could the side spill areas be enlarged to enable fish to pass on the side? McLaughlin to study.
- NCWRC will do additional research and report back to the Committee.
- Steering Committee would like McLaughlin to further explain the modifications to the two low-flow notches.

### Dam Image Discussion

- The faux rock mimics the natural environment.
- Does the top of the divider island need to be uniform in elevation? No, it can be raised or flat.
- Faux rock can be shaped to give irregularity, but it also gives a high level of control from an engineering perspective.
- Sliding failures are less of a concern with faux rock installations.
- Tom Freeman noted that he prefers the faux rock option because in times of high release levels, if the divider island is "blown out" there will be less to clean up.
- It was noted that the faux rock installation at the Ocoee has withstood releases of 70,000 cfs.
- The Steering Committee members in attendance noted their preference for the type of dam structure: City of Raleigh prefers the faux rock option as it will be easier to maintain and get permitted; Paddlers – faux rock; Corps of Engineers – faux rock; NCWRC – faux rock. It was acknowledged that not all groups were in attendance today (Tom Wright representing the adjacent homeowners and Alissa Bierma with the Neuse Riverkeeper Foundation) so these groups will be asked to note their preference.



## STEWART

### Swift Water Rescue Training Needs

Cindy noted that there were two new members of the Steering Committee in attendance this evening: Russ Scheve with the Carolina Canoe Club (Swift Water Rescue Training) and Chief Frank McLaurin (Raleigh Fire Department).

Russ Scheve noted the following swift water rescue training needs/wants:

- Wheelchair access, handicapped access. (Vic noted that the park must meet ADA requirements).
- Wading areas to move people across the river.
- Waist high water.
- Swift water entry.
- Footing areas conducive for training.
- Defensive position to aggressive position.
- Strainer bar drills, deeper the flow the better.
- Anchor points – downstream side of the rocks.
- Anchor bars across outflow.
- "Live bait" rescue.
- Ropes throwing.
- Zipline.
- Pinning of boats – vertically.
- How wide does water have to be for training? 20 to 25' is adequate.

Chief McLaurin noted the following swift water rescue training needs/wants:

- They utilize 16-18' Zodiacs.
- Would like four, 45- 50' bays (truck/trailer parking + bus parking).
- Would need improvements to the existing canoe launch so trucks could back in to unload equipment.
- Anchor points on island (one on either side). Will need several hundred sf on each side for anchoring and area to work. They need a 15 to 1 safety ratio (ie) 250 lb would need a 3000 lb anchor point.
- Permanent prop to mimic car rescues.
- Helio/aquatic rescue.
- Could class 3 rapids be provided?

### Land Based Elements Discussion

#### **1. Access/Accessibility/Comfortable Walking Distances**

- There must be ADA accessible points at the put-in and take-out areas.
- Due to new regulations, the park must be ADA accessible. The greenway trail will be the best ADA accessible option.
- Existing drive/parking lot will be improved.
- Improvement to the canoe launch.
- Parking lot is approximately 1600 feet from the put-in area. What is a comfortable walking distance for the paddlers?
- What is the ideal location for the parking lot?
- There is a 10 foot grade change from the canoe launch to the river.
- Can New Falls of Neuse Road be shown on the maps? It was noted that this roadway is east of our project area and does not impact this project area. We can provide a small reference map.

#### **2. Vehicular Movement**

- Parking Needs
- Flow for Boaters
- Should a drop-off area be included? Most paddlers will park in the existing lot and walk their boats to the put-in.
- It was noted that people may park at the Corps parking lot and then boat down.
- Does the drive need to moved south?
- Should think about a parking lot north of the new drive location.
- Can parking be placed at the end of the course? Yes.
- What about parallel parking along the entrance road? Concerned about constricting the roadway to too narrow of a width as people may parallel park on each side. The City would prefer not to have parallel parking.
- How many spaces are appropriate? The number of spaces that we are able



## STEWART

to provide will be driven by the size of the site. Vic noted 30 to 40 spaces.

### 3. Changing Room

- Should restroom/changing facilities be built within the parking lot area?
- It was noted that there is a concern regarding potential vandalism.
- It was noted that the paddlers aren't interested in changing facilities.
- Vic noted that we need to think of this as a master plan for all users of the park.
- Kathy noted that the changing facilities would be well used especially for new people.
- A restroom facility would also be good for greenway users and spectators.

### 4. Spectator Areas – Bridge Abutment

1. Should there be an elevated spectator area?
2. Need to determine the appropriate size.
3. Perhaps a terraced deck, boulder structure or a back-filled retaining wall.
4. Ask McLaughlin for the typical number of users in spectator areas.
5. Viewing areas along the river, perpendicular river access areas.

### 5. Signage – Branding

- Work with the Corps as they have participation signage.
- Need Educational/Boater Safety signs.
- Environmental Education
- It was noted that the Corps has a "Giant Voice" notification system that announces when the water releases are being increased.

### 6. Materials

- Options for materials for boardwalk. Design team to make recommendations.

### Water Use Control/Conflict

- How to split the usage of the facility between City of Raleigh programs, paddlers, training, etc? How can you tell the public that they can't use the facility during certain times?
- Not sure how this will be controlled, it is a relatively small area to share a great deal of programs.
- Vic and Kathy noted that there will need to be a MOU for shared use.
- It was noted that there will be a great number of swift water rescue teams that will want to use this facility.

### Wish List

- Lights so that the park may be used at night.
- Livery operations by the City of Raleigh for boat rentals, tube rentals, etc.
- Concessions?

### Next Steering Committee Meeting

- Tentatively scheduled for Monday, 9/20 from 5pm to 6:30pm at the Corps of Engineers Visitor Center.

### Project Schedule:

- Meeting #1 (Kick-off Meeting) – January 19, 2010
- Data Collection/River Survey – Complete – May 2010
- Preparation of Conceptual Design – May to Mid-July 2010
- Community Meeting #2 – July 14, 2010
- Design Development Stage – Late July through October 2010
- Community Meeting #3 – Mid-October 2010
- Complete Design Development Drawings – Mid-November 2010



**STEWART**

Attachments:

- Memorandum prepared by Bob Zarzecki
- Summary of comments received since Community Meeting #2





North Channel  
100 cfs Net in River

North Channel Proposed Flows							
River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Max Depth (ft)
12350	70	193	194.7	0.69	101.19	105	1.7
12300	70	193.17	194.56	2.13	32.93	60.56	1.39
12230	70	192.91	193.51	3.41	20.51	48.71	0.6
12190	70	191.43	193.49	1	70.03	81.23	2.06
12150	70	192	193.47	0.73	96.29	112.56	1.47
12100	70	192.37	193.32	2.31	30.26	88.79	0.95
12060	70	191.42	192.02	2.64	26.53	112.95	0.6
12010	70	189.94	191.51	1.58	44.28	87.61	1.57
12009	70	189.94	191.31	2.37	29.55	58.09	1.37
12008	70	189.94	191.13	3.34	20.99	44.1	1.19
11931	70	189.13	190.97	1.85	37.88	51.46	1.84
11930	70	189.13	190.84	2.23	31.43	45.01	1.71
11929	70	189.13	190.79	2.39	29.24	42.59	1.66
11860	70	189.4	190.55	1.58	44.31	50.83	1.15
11800	70	189.89	190.27	1.54	45.37	150.76	0.38
11710	70	187.72	188.55	3.18	21.98	69.98	0.83
11590	70	186.43	187.6	1.43	49.03	98.43	1.17
11540	70	186.08	187.15	2.64	26.49	60.64	1.07

North Channel Existing							
River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Max Depth (ft)
12350	74	193	194.72	0.72	103.45	105.36	1.72
12300	74	193.17	194.58	2.19	33.81	61.46	1.41
12230	74	192.91	193.54	3.41	21.69	49.09	0.63
12190	74	191.43	193.51	1.03	71.52	82.53	2.08
12150	74	192	193.49	0.75	98.19	113.31	1.49
12100	74	192.37	193.32	2.4	30.85	89.32	0.95
12060	74	191.42	192.04	2.6	28.45	116.28	0.62
12010	74	189.94	191.54	1.58	46.91	92.7	1.6
12009	74	189.94	191.33	2.37	31.2	62.67	1.39
12008	74	189.94	191.16	3.3	22.44	45.33	1.22
11931	74	189.13	191	1.87	39.58	53.32	1.87
11930	74	189.13	190.87	2.26	32.82	46.47	1.74
11929	74	189.13	190.82	2.43	30.51	44.01	1.69
11860	74	189.4	190.57	1.63	45.3	51.24	1.17
11800	74	189.89	190.28	1.58	46.75	150.83	0.39
11710	74	187.72	188.57	3.18	23.3	72.55	0.85
11590	74	186.43	187.62	1.44	51.22	99.94	1.19
11540	74	186.08	187.15	2.78	26.58	60.75	1.07

Net Change						
Change in flow (cfs)	Change in depth (ft)	Change in width (%)	Change in width (ft)	Change in velocity (ft/s)	Change in velocity (%)	
-4	-0.02	-1%	-0.36	0%	-0.03	-4%
-4	-0.02	-1%	-0.9	-1%	-0.06	-3%
-4	-0.03	-5%	-0.38	-1%	0	0%
-4	-0.02	-1%	-1.3	-2%	-0.03	-3%
-4	-0.02	-1%	-0.75	-1%	-0.02	-3%
-4	0	0%	-0.53	-1%	-0.09	-4%
-4	-0.02	-3%	-3.33	-3%	0.04	2%
-4	-0.03	-2%	-5.09	-5%	0	0%
-4	-0.02	-1%	-4.58	-7%	0	0%
-4	-0.03	-2%	-1.23	-3%	0.04	1%
-4	-0.03	-2%	-1.86	-3%	-0.02	-1%
-4	-0.03	-2%	-1.46	-3%	-0.03	-1%
-4	-0.03	-2%	-1.42	-3%	-0.04	-2%
-4	-0.02	-2%	-0.41	-1%	-0.05	-3%
-4	-0.01	-3%	-0.07	0%	-0.04	-3%
-4	-0.02	-2%	-2.57	-4%	0	0%
-4	-0.02	-2%	-1.51	-2%	-0.01	-1%
-4	0	0%	-0.11	0%	-0.14	-5%
average	-0.02 (0.24")	-2%	-1.55	-2%	-0.03	-2%

Flow Split to South Channel via Middle Channel							
River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Max Depth (ft)
11470	51	185.83	186.93	0.71	72.1	131.98	1.1
11370	51	185.64	186.82	1.07	47.62	59.97	1.18
11270	51	185.78	186.62	1	50.9	107.91	0.84
11170	51	185.4	186.19	1.54	33.02	86.82	0.79
11080	51	185.07	185.79	1.18	43.04	71.63	0.72
10980	51	184.32	185.15	2.66	19.2	46.94	0.83
10890	51	183.3	184.94	0.98	51.95	66.73	1.64
10800	51	183.67	184.68	1.82	28	63.99	1.01

River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Max Depth (ft)
11470	46	185.83	186.89	0.69	66.73	128.87	1.06
11370	46	185.64	186.78	1.01	45.44	58.54	1.14
11270	46	185.78	186.6	0.96	47.97	107.22	0.82
11170	46	185.4	186.16	1.52	30.31	86.44	0.76
11080	46	185.07	185.76	1.13	40.71	71.06	0.69
10980	46	184.32	185.1	2.69	17.08	45.4	0.78
10890	46	183.3	184.9	0.94	49.1	66.08	1.6
10800	46	183.67	184.64	1.79	25.65	60.13	0.97

River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Max Depth (ft)
5	0.04	4%	3.11	2%	0.02	3%	
5	0.04	4%	1.43	2%	0.06	6%	
5	0.02	2%	0.69	1%	0.04	4%	
5	0.03	4%	0.38	0%	0.02	1%	
5	0.03	4%	0.57	1%	0.05	4%	
5	0.05	6%	1.54	3%	-0.03	-1%	
5	0.04	2%	0.65	1%	0.04	4%	
5	0.04	4%	3.86	6%	0.03	2%	

North Channel  
200 cfs Net in River

North Channel Proposed Flows						
River Sta	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Top Width	Max Depth
	(cfs)	(ft)	(ft)	(ft/s)	(ft)	(ft)
12350	140	193	195.06	1	122.92	2.06
12300	140	193.17	194.84	2.65	85.2	1.67
12230	140	192.91	193.87	3.54	59.03	0.96
12190	140	191.43	193.78	1.44	105.58	2.35
12150	140	192	193.74	1.09	128.82	1.74
12100	140	192.37	193.44	3.34	99.51	1.07
12060	140	191.42	192.21	2.84	126.08	0.79
12010	140	189.94	191.84	1.79	111.61	1.9
12009	140	189.94	191.68	2.29	105.72	1.74
12008	140	189.94	191.58	2.73	97.89	1.64
11931	140	189.13	191.41	2.05	80.94	2.28
11930	140	189.13	191.27	2.45	75.91	2.14
11929	140	189.13	191.21	2.65	73.41	2.08
11860	140	189.4	190.82	2.38	55.53	1.42
11800	140	189.89	190.42	2.06	151.92	0.53
11710	140	187.72	188.76	3.45	98.36	1.04
11590	140	186.43	187.9	1.69	125.43	1.47
11540	140	186.08	187.48	2.7	97.78	1.4

North Channel Existing						
River Sta	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Top Width	Max Depth
	(cfs)	(ft)	(ft)	(ft/s)	(ft)	(ft)
12350	145	193	195.08	1.01	124.29	2.08
12300	145	193.17	194.87	2.65	87.61	1.7
12230	145	192.91	193.89	3.56	59.7	0.98
12190	145	191.43	193.8	1.46	106.77	2.37
12150	145	192	193.76	1.11	130.04	1.76
12100	145	192.37	193.45	3.42	100	1.08
12060	145	191.42	192.22	2.85	126.53	0.8
12010	145	189.94	191.85	1.81	111.91	1.91
12009	145	189.94	191.7	2.31	106.74	1.76
12008	145	189.94	191.6	2.73	99.91	1.66
11931	145	189.13	191.43	2.07	81.44	2.3
11930	145	189.13	191.29	2.47	76.84	2.16
11929	145	189.13	191.23	2.66	74.36	2.1
11860	145	189.4	190.84	2.44	55.73	1.44
11800	145	189.89	190.42	2.09	152	0.53
11710	145	187.72	188.78	3.46	98.51	1.06
11590	145	186.43	187.91	1.72	125.97	1.48
11540	145	186.08	187.47	2.88	94.36	1.39

Net Change						
Change in flow	Change in depth	Change in width	Change in velocity			
(cfs)	(ft)	(%)	(ft)	(%)	(ft/s)	(%)
-5	-0.02	-1%	-1.37	-1%	-0.01	-1%
-5	-0.03	-2%	-2.41	-3%	0	0%
-5	-0.02	-2%	-0.67	-1%	-0.02	-1%
-5	-0.02	-1%	-1.19	-1%	-0.02	-1%
-5	-0.02	-1%	-1.22	-1%	-0.02	-2%
-5	-0.01	-1%	-0.49	0%	-0.08	-2%
-5	-0.01	-1%	-0.45	0%	-0.01	0%
-5	-0.01	-1%	-0.3	0%	-0.02	-1%
-5	-0.02	-1%	-1.02	-1%	-0.02	-1%
-5	-0.02	-1%	-2.02	-2%	0	0%
-5	-0.02	-1%	-0.5	-1%	-0.02	-1%
-5	-0.02	-1%	-0.93	-1%	-0.02	-1%
-5	-0.02	-1%	-0.95	-1%	-0.01	0%
-5	-0.02	-1%	-0.2	0%	-0.06	-2%
-5	0	0%	-0.08	0%	-0.03	-1%
-5	-0.02	-2%	-0.15	0%	-0.01	0%
-5	-0.01	-1%	-0.54	0%	-0.03	-2%
-5	0.01	1%	3.42	4%	-0.18	-6%
average	-0.02	-1.0%	-0.62	-0.01	-0.03	-1.3%

(0.24")

Flow Split to South Channel via Middle Channel						
River Sta	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Top Width	Max Depth
	(cfs)	(ft)	(ft)	(ft/s)	(ft)	(ft)
11470	84	185.83	187.15	0.79	160.03	1.32
11370	84	185.64	187.02	1.39	68.23	1.38
11270	84	185.78	186.78	1.23	111.97	1
11170	84	185.4	186.37	1.72	89.07	0.97
11080	84	185.07	185.98	1.46	75.08	0.91
10980	84	184.32	185.41	2.36	73.14	1.09
10890	84	183.3	185.17	1.25	70.29	1.87
10800	84	183.67	184.89	2.01	68.41	1.22

River Sta	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Top Width	Max Depth
	(cfs)	(ft)	(ft)	(ft/s)	(ft)	(ft)
11470	83	185.83	187.15	0.79	159.79	1.32
11370	83	185.64	187.01	1.38	67.89	1.37
11270	83	185.78	186.78	1.22	111.86	1
11170	83	185.4	186.37	1.71	89.01	0.97
11080	83	185.07	185.98	1.45	74.99	0.91
10980	83	184.32	185.4	2.36	73.09	1.08
10890	83	183.3	185.16	1.24	70.24	1.86
10800	83	183.67	184.88	2	68.3	1.21

River Sta	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Top Width	Max Depth
	(cfs)	(ft)	(ft)	(ft/s)	(ft)	(ft)
1	0	0%	0.24	0%	0	0%
1	0.01	1%	0.34	1%	0.01	1%
1	0	0%	0.11	0%	0.01	1%
1	0	0%	0.06	0%	0.01	1%
1	0	0%	0.09	0%	0.01	1%
1	0.01	1%	0.05	0%	0	0%
1	0.01	1%	0.05	0%	0.01	1%
1	0.01	1%	0.11	0%	0.01	0%

North Channel  
500 cfs Net in River

North Channel Proposed Flows						
River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Top Width (ft)	Max Depth (ft)
12350	200	193	195.29	1.16	152.64	2.29
12300	200	193.17	195.04	2.79	107.05	1.87
12230	200	192.91	194.09	3.75	68.67	1.18
12190	200	191.43	193.98	1.67	120.83	2.55
12150	200	192	193.93	1.3	140.04	1.93
12100	200	192.37	193.52	3.96	106.42	1.15
12060	200	191.42	192.36	2.85	144.77	0.94
12010	200	189.94	192.02	2.02	118.45	2.08
12009	200	189.94	191.88	2.42	112.34	1.94
12008	200	189.94	191.81	2.64	111.08	1.87
11931	200	189.13	191.67	2.22	87.18	2.54
11930	200	189.13	191.55	2.5	84.31	2.42
11929	200	189.13	191.51	2.61	83.36	2.38
11860	200	189.4	191.06	2.71	81.69	1.66
11800	200	189.89	190.51	2.42	152.67	0.62
11710	200	187.72	188.9	3.72	99.9	1.18
11590	200	186.43	188.07	1.9	137.77	1.64
11540	200	186.08	187.63	2.98	111.97	1.55

North Channel Existing						
River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Top Width (ft)	Max Depth (ft)
12350	350	193	195.7	1.41	214.46	2.7
12300	350	193.17	195.39	3.11	124.61	2.22
12230	350	192.91	194.43	4.43	83.02	1.52
12190	350	191.43	194.32	2.15	130.48	2.89
12150	350	192	194.25	1.72	168.2	2.25
12100	350	192.37	193.79	4.1	153.43	1.42
12060	350	191.42	192.71	2.73	196.81	1.29
12010	350	189.94	192.42	2.34	133.52	2.48
12009	350	189.94	192.31	2.6	128.67	2.37
12008	350	189.94	192.27	2.69	127.56	2.33
11931	350	189.13	192.12	2.57	132.36	2.99
11930	350	189.13	191.96	2.99	102.34	2.83
11929	350	189.13	191.92	3.1	97.89	2.79
11860	350	189.4	191.36	3.46	96.89	1.96
11800	350	189.89	190.73	3.03	154.33	0.84
11710	350	187.72	189.15	4.37	102.89	1.43
11590	350	186.43	188.4	2.25	158.58	1.97
11540	350	186.08	188.11	2.6	158.63	2.03

Net Change						
Change in flow (cfs)	Change in depth (ft)	Change in width (%)	Change in width (ft)	Change in width (%)	Change in velocity (ft/s)	Change in velocity (%)
-150	-0.41	-15%	-61.82	-29%	-0.25	-18%
-150	-0.35	-16%	-17.56	-14%	-0.32	-10%
-150	-0.34	-22%	-14.35	-17%	-0.68	-15%
-150	-0.34	-12%	-9.65	-7%	-0.48	-22%
-150	-0.32	-14%	-28.16	-17%	-0.42	-24%
-150	-0.27	-19%	-47.01	-31%	-0.14	-3%
-150	-0.35	-27%	-52.04	-26%	0.12	4%
-150	-0.4	-16%	-15.07	-11%	-0.32	-14%
-150	-0.43	-18%	-16.33	-13%	-0.18	-7%
-150	-0.46	-20%	-16.48	-13%	-0.05	-2%
-150	-0.45	-15%	-45.18	-34%	-0.35	-14%
-150	-0.41	-14%	-18.03	-18%	-0.49	-16%
-150	-0.41	-15%	-14.53	-15%	-0.49	-16%
-150	-0.3	-15%	-15.2	-16%	-0.75	-22%
-150	-0.22	-26%	-1.66	-1%	-0.61	-20%
-150	-0.25	-17%	-2.99	-3%	-0.65	-15%
-150	-0.33	-17%	-20.81	-13%	-0.35	-16%
-150	-0.48	-24%	-46.66	-29%	0.38	15%
average	-0.36222	-18%	-24.6406	-17%	-0.335	-12%

(3.8")

Flow Split to South Channel via Middle Channel						
River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Top Width (ft)	Max Depth (ft)
11470	125	185.83	187.37	0.88	167.86	1.54
11370	125	185.64	187.22	1.65	79.26	1.58
11270	125	185.78	186.95	1.42	116.33	1.17
11170	125	185.4	186.56	1.9	91.37	1.16
11080	125	185.07	186.17	1.75	78.29	1.1
10980	125	184.32	185.63	2.39	75.07	1.31
10890	125	183.3	185.4	1.48	72.34	2.1
10800	125	183.67	185.1	2.09	99.1	1.43

River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Top Width (ft)	Max Depth (ft)
11470	196	185.83	187.67	1.02	177.69	1.84
11370	196	185.64	187.49	1.98	93.75	1.85
11270	196	185.78	187.2	1.68	118.68	1.42
11170	196	185.4	186.83	2.16	94.68	1.43
11080	196	185.07	186.43	2.11	82	1.36
10980	196	184.32	185.94	2.59	77.71	1.62
10890	196	183.3	185.7	1.85	74.89	2.4
10800	196	183.67	185.44	2.07	109.52	1.77

Change in flow (cfs)	Change in depth (ft)	Change in width (%)	Change in width (ft)	Change in width (%)	Change in velocity (ft/s)	Change in velocity (%)
-71	-0.3	-16%	-9.83	-6%	-0.14	-14%
-71	-0.27	-15%	-14.49	-15%	-0.33	-17%
-71	-0.25	-18%	-2.35	-2%	-0.26	-15%
-71	-0.27	-19%	-3.31	-3%	-0.26	-12%
-71	-0.26	-19%	-3.71	-5%	-0.36	-17%
-71	-0.31	-19%	-2.64	-3%	-0.2	-8%
-71	-0.3	-12%	-2.55	-3%	-0.37	-20%
-71	-0.34	-19%	-10.42	-10%	0.02	1%
average	-0.2875	-17%	-6.1625	-6%	-0.2375	-13%

North Channel  
1000 cfs Net in River

North Channel Proposed Flows						
River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Top Width (ft)	Max Depth (ft)
12350	500	193	196.01	1.54	276.21	3.01
12300	500	193.17	195.67	3.36	135.56	2.5
12230	500	192.91	194.72	4.69	107.94	1.81
12190	500	191.43	194.57	2.54	140.94	3.14
12150	500	192	194.48	2.04	178.95	2.48
12100	500	192.37	193.93	4.63	159.85	1.56
12060	500	191.42	192.99	2.61	240.93	1.57
12010	500	189.94	192.72	2.6	146.76	2.78
12009	500	189.94	192.61	2.84	143.32	2.67
12008	500	189.94	192.58	2.92	141.49	2.64
11931	500	189.13	192.45	2.78	136.46	3.32
11930	500	189.13	192.31	3.1	134.72	3.18
11929	500	189.13	192.26	3.23	134.12	3.13
11860	500	189.4	191.57	4.11	101.4	2.17
11800	500	189.89	190.93	3.41	155.85	1.04
11710	500	187.72	189.34	5.02	105.07	1.62
11590	500	186.43	188.68	2.48	168.99	2.25
11540	500	186.08	188.45	2.61	173.79	2.37

North Channel Existing						
River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Top Width (ft)	Max Depth (ft)
12350	780	193	196.46	1.74	281.44	3.46
12300	780	193.17	196.12	3.51	204.21	2.95
12230	780	192.91	195.19	4.63	164.78	2.28
12190	780	191.43	194.96	3.06	164.16	3.53
12150	780	192	194.85	2.49	202	2.85
12100	780	192.37	194.16	5.31	172.06	1.79
12060	780	191.42	193.44	2.54	265.28	2.02
12010	780	189.94	193.18	2.91	192.9	3.24
12009	780	189.94	193.05	3.21	177.26	3.11
12008	780	189.94	193.01	3.3	173.9	3.07
11931	780	189.13	192.86	3.27	143.29	3.73
11930	780	189.13	192.73	3.56	141.79	3.6
11929	780	189.13	192.68	3.67	140.64	3.55
11860	780	189.4	191.87	5.08	108.57	2.47
11800	780	189.89	191.28	3.86	159.53	1.39
11710	780	187.72	189.61	6.09	109.52	1.89
11590	780	186.43	189.22	2.65	176.64	2.79
11540	780	186.08	189.08	2.54	192.75	3

Net Change						
Change in flow (cfs)	Change in depth (ft)	Change in width (%)	Change in width (ft)	Change in velocity (%)	Change in velocity (ft/s)	Change in velocity (%)
-280	-0.45	-13%	-5.23	-2%	-0.2	-11%
-280	-0.45	-15%	-68.65	-34%	-0.15	-4%
-280	-0.47	-21%	-56.84	-34%	0.06	1%
-280	-0.39	-11%	-23.22	-14%	-0.52	-17%
-280	-0.37	-13%	-23.05	-11%	-0.45	-18%
-280	-0.23	-13%	-12.21	-7%	-0.68	-13%
-280	-0.45	-22%	-24.35	-9%	0.07	3%
-280	-0.46	-14%	-46.14	-24%	-0.31	-11%
-280	-0.44	-14%	-33.94	-19%	-0.37	-12%
-280	-0.43	-14%	-32.41	-19%	-0.38	-12%
-280	-0.41	-11%	-6.83	-5%	-0.49	-15%
-280	-0.42	-12%	-7.07	-5%	-0.46	-13%
-280	-0.42	-12%	-6.52	-5%	-0.44	-12%
-280	-0.3	-12%	-7.17	-7%	-0.97	-19%
-280	-0.35	-25%	-3.68	-2%	-0.45	-12%
-280	-0.27	-14%	-4.45	-4%	-1.07	-18%
-280	-0.54	-19%	-7.65	-4%	-0.17	-6%
-280	-0.63	-21%	-18.96	-10%	0.07	3%
average	-0.41556	-15.4%	-21.5761	-11.9%	-0.38	-10.3%
	(5")					

Flow Split to South Channel via Middle Channel						
River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Top Width (ft)	Max Depth (ft)
11470	296	185.83	188	1.17	188.22	2.17
11370	296	185.64	187.8	2.27	112.33	2.16
11270	296	185.78	187.5	1.94	119.8	1.72
11170	296	185.4	187.15	2.44	98.56	1.75
11080	296	185.07	186.77	2.45	84.45	1.7
10980	296	184.32	186.35	2.74	81.21	2.03
10890	296	183.3	186.13	2.12	78.86	2.83
10800	296	183.67	185.96	1.89	129.11	2.29

River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Vel Chnl (ft/s)	Top Width (ft)	Max Depth (ft)
11470	442	185.83	188.38	1.35	197.04	2.55
11370	442	185.64	188.17	2.55	118.46	2.53
11270	442	185.78	187.9	2.21	120.88	2.12
11170	442	185.4	187.58	2.69	99.83	2.18
11080	442	185.07	187.26	2.71	86.93	2.19
10980	442	184.32	186.96	2.79	84.29	2.64
10890	442	183.3	186.81	2.28	81.8	3.51
10800	442	183.67	186.72	1.68	149.84	3.05

Change in flow (cfs)	Change in depth (ft)	Change in width (%)	Change in width (ft)	Change in velocity (%)	Change in velocity (ft/s)	Change in velocity (%)
-146	-0.38	-15%	-8.82	-4%	-0.18	-13%
-146	-0.37	-15%	-6.13	-5%	-0.28	-11%
-146	-0.4	-19%	-1.08	-1%	-0.27	-12%
-146	-0.43	-20%	-1.27	-1%	-0.25	-9%
-146	-0.49	-22%	-2.48	-3%	-0.26	-10%
-146	-0.61	-23%	-3.08	-4%	-0.05	-2%
-146	-0.68	-19%	-2.94	-4%	-0.16	-7%
-146	-0.76	-25%	-20.73	-14%	0.21	13%
average	-0.515	-20%	-5.81625	-4%	-0.155	-6%



North Channel  
2000 cfs Net in River

North Channel Proposed Flows						
River Sta	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Top Width	Max Depth
	(cfs)	(ft)	(ft)	(ft/s)	(ft)	(ft)
12350	1500	193	197.08	2.4	288.29	4.08
12300	1500	193.17	196.7	4	292.11	3.53
12230	1500	192.91	195.95	4.61	233.52	3.04
12190	1500	191.43	195.66	3.88	209.12	4.23
12150	1500	192	195.5	3.3	222.61	3.5
12100	1500	192.37	194.64	6.36	194.3	2.27
12060	1500	191.42	194.23	2.87	276.97	2.81
12010	1500	189.94	194	3.43	218.19	4.06
12009	1500	189.94	193.9	3.62	214.6	3.96
12008	1500	189.94	193.87	3.68	213.87	3.93
11931	1500	189.13	193.65	4.25	146.53	4.52
11930	1500	189.13	193.51	4.52	145.91	4.38
11929	1500	189.13	193.46	4.61	145.72	4.33
11860	1500	189.4	192.56	6.15	151.34	3.16
11800	1500	189.89	191.77	5.31	164.3	1.88
11710	1500	187.72	190.92	5.35	119.15	3.2
11590	1500	186.43	190.92	2.47	187.11	4.49
11540	1500	186.08	190.88	2.27	200.45	4.8

Flow Split to South Channel via Middle Channel						
River Sta	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Top Width	Max Depth
	(cfs)	(ft)	(ft)	(ft/s)	(ft)	(ft)
11470	714	185.83	189.08	1.53	204.87	3.25
11370	714	185.64	188.88	2.74	126.11	3.24
11270	714	185.78	188.69	2.4	122.81	2.91
11170	714	185.4	188.47	2.81	101.5	3.07
11080	714	185.07	188.26	2.84	89.24	3.19
10980	714	184.32	188.09	2.8	86.64	3.77
10890	714	183.3	188	2.45	84.5	4.7
10800	714	183.67	187.97	1.54	170.17	4.3

North Channel Existing						
River Sta	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Top Width	Max Depth
	(cfs)	(ft)	(ft)	(ft/s)	(ft)	(ft)
12350	1540	193	197.11	2.43	288.43	4.11
12300	1540	193.17	196.72	4.04	292.31	3.55
12230	1540	192.91	195.98	4.61	234.93	3.07
12190	1540	191.43	195.69	3.92	213.27	4.26
12150	1540	192	195.52	3.34	222.83	3.52
12100	1540	192.37	194.68	6.34	195.77	2.31
12060	1540	191.42	194.27	2.89	277.39	2.85
12010	1540	189.94	194.04	3.45	219.96	4.1
12009	1540	189.94	193.94	3.64	215.58	4
12008	1540	189.94	193.91	3.7	214.86	3.97
11931	1540	189.13	193.69	4.3	146.68	4.56
11930	1540	189.13	193.54	4.57	146.06	4.41
11929	1540	189.13	193.5	4.66	145.87	4.37
11860	1540	189.4	192.59	6.2	153.47	3.19
11800	1540	189.89	191.81	5.33	164.68	1.92
11710	1540	187.72	191.01	5.28	119.55	3.29
11590	1540	186.43	191.02	2.46	187.38	4.59
11540	1540	186.08	190.98	2.26	200.9	4.9

River Sta	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Top Width	Max Depth
	(cfs)	(ft)	(ft)	(ft/s)	(ft)	(ft)
11470	725	185.83	189.1	1.53	205.05	3.27
11370	725	185.64	188.91	2.74	126.45	3.27
11270	725	185.78	188.73	2.41	122.89	2.95
11170	725	185.4	188.51	2.82	101.57	3.11
11080	725	185.07	188.3	2.84	89.33	3.23
10980	725	184.32	188.13	2.8	86.72	3.81
10890	725	183.3	188.04	2.45	84.59	4.74
10800	725	183.67	188.02	1.54	170.38	4.35

Net Change						
Change in flow	Change in depth	Change in width	Change in velocity			
(cfs)	(ft)	(%)	(ft)	(%)	(ft/s)	(%)
-40	-0.03	-1%	-0.14	0%	-0.03	-1%
-40	-0.02	-1%	-0.2	0%	-0.04	-1%
-40	-0.03	-1%	-1.41	-1%	0	0%
-40	-0.03	-1%	-4.15	-2%	-0.04	-1%
-40	-0.02	-1%	-0.22	0%	-0.04	-1%
-40	-0.04	-2%	-1.47	-1%	0.02	0%
-40	-0.04	-1%	-0.42	0%	-0.02	-1%
-40	-0.04	-1%	-1.77	-1%	-0.02	-1%
-40	-0.04	-1%	-0.98	0%	-0.02	-1%
-40	-0.04	-1%	-0.99	0%	-0.02	-1%
-40	-0.04	-1%	-0.15	0%	-0.05	-1%
-40	-0.03	-1%	-0.15	0%	-0.05	-1%
-40	-0.04	-1%	-0.15	0%	-0.05	-1%
-40	-0.03	-1%	-2.13	-1%	-0.05	-1%
-40	-0.04	-2%	-0.38	0%	-0.02	0%
-40	-0.09	-3%	-0.4	0%	0.07	1%
-40	-0.1	-2%	-0.27	0%	0.01	0%
-40	-0.1	-2%	-0.45	0%	0.01	0%
average	-0.044	-1.2%	-0.88	-0.4%	-0.02	-0.5%
	(0.53")					

River Sta	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Top Width	Max Depth
	(cfs)	(ft)	(ft)	(ft/s)	(ft)	(ft)
-11	-0.02	-1%	-0.18	0%	0	0%
-11	-0.03	-1%	-0.34	0%	0	0%
-11	-0.04	-1%	-0.08	0%	-0.01	0%
-11	-0.04	-1%	-0.07	0%	-0.01	0%
-11	-0.04	-1%	-0.09	0%	0	0%
-11	-0.04	-1%	-0.08	0%	0	0%
-11	-0.04	-1%	-0.09	0%	0	0%
-11	-0.05	-1%	-0.21	0%	0	0%



## Images for Diversion Weir



STEWART



MS Laughlin Whitewater  
EST. 1988

## General Configuration

- Would need step configuration on one or both sides.
  - On downstream side to break up hydraulic roller
  - On whitewater course side for self-rescue (vertical surface would prevent escape)

## Faux Rock to Mimic Bedrock

- Mimic bedrock outcrops
- (Actual granite ledges James River, Richmond VA)



### Faux Rock to Mimic Bedrock

- Mimic bedrock outcrops
- ("Slam Dunk" ledge, Ocoee River, TN)



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### Faux Rock to Mimic Bedrock

- Mimic bedrock outcrops
- ("Best Ledge" Ocoee River, TN)



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### Rock Masonry Dam

- Would need *step configuration* for self rescue



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### Rock Masonry Dam

- Would need step configuration for self rescue



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### Rock Masonry Dam

- Would need step configuration for self rescue



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### Timber Crib

- Not recommended due to high maintenance



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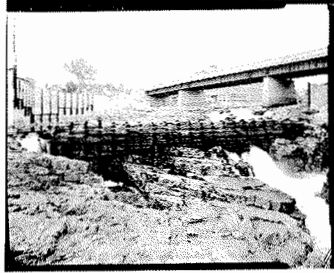
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## Timber Crib

- Not recommended due to high maintenance



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## Cindy Szwarczkop

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**From:** Tom Wright [tjwrightjr@earthlink.net]  
**Sent:** Friday, August 13, 2010 4:16 PM  
**To:** Cindy Szwarczkop  
**Subject:** Re: Falls Whitewater Park Steering Committee Meeting

Cindy,

I will be out of town the week of August 16 and will miss the meeting on monday.

Concerns of my neighbors here in the Falls area are listed below:

-Apprehensions exist among the property owners regarding diverting all flow to the north channel during whitewater course construction should the project gain approval. Possibilities of a rain event causing flooding could occur. Both channels would need to be available for high releases from dam.

-Velocity and depth of flow on the north channel after introduction of diverter island. A precise answer rather than estimate. (Currently we know exactly what the depth and flow is at a variety of release levels and the sound of the rapids is a big part of living at River Mill).

-Residents have made a significant investment in their property and the natural elements associated with it such as scenic views and historic character is very important. If the project moves forward this should be kept in mind and our investment should be protected from anything that would detract from what we have now.

-More precise impact data is desired. Environmental and aesthetic.

-Availability of south channel for wading and fishing.

I apologize for missing the meeting but will make every effort to make the next one.

Thanks,  
Tom

----- Original Message -----

**From:** [Cindy Szwarczkop](#)  
**To:** [Alissa Bierma](#) ; [Bob High](#) ; [Bob Zarzecki](#) ; [Carol Banaitis](#) ; [Elizabeth Gardner](#) ; [Jade Wei](#) ; [Jim Wei](#) ; [Kathy Capps](#) ; [Larry Ausley](#) ; [Mark Antonik](#) ; [Michael Keeney](#) ; [Sarah King](#) ; [Seth Yearout](#) ; [Shari Bryant](#) ; [Thomas Freeman](#) ; [Tom Wright](#) ; [Victor Lebsock](#) ; [frank.mclaurin@raleighnc.gov](#) ; [rjscheve@hotmail.com](#)  
**Cc:** [Risa Shimoda](#) ; ['Aaron Asquith'](#) ; [j.anderson126@verizon.net](#)  
**Sent:** Tuesday, August 10, 2010 10:58 AM  
**Subject:** Falls Whitewater Park Steering Committee Meeting

Good morning!

Just a quick reminder that the next Falls Whitewater Park Steering Committee meeting will be held on Monday, 8/16 from 5pm to 6:30pm at Stewart (Bank of America Building, 421 Fayetteville Street, Suite 400, Raleigh, NC). Please review the attached information prior to the meeting. If you have any questions, please feel free to either call or email me.

Let me know if you will not be able to attend.

Thanks!  
Cindy

Agenda:

1. Impact of water diversion in the north channel
2. Discussion of dam images
3. Swiftwater rescue training needs
4. Land based elements discussion/design session

Cindy Szwarczkop, AICP | Senior Planner

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**STEWART**

**TO:** City of Raleigh Parks and Recreation Department  
Falls Whitewater Steering Committee

**FROM:** Cindy Szwarczkop, AICP

**REFERENCE:** Falls Whitewater Steering Committee Meeting #7  
September 21, 2010

**STEWART PROJECT NUMBER:** C09047

**Meeting Attendees:**

Shari Bryant, NCWRC  
Vic Lebsock, City of Raleigh  
Russ Scheve  
Jade Wei  
Bob Zarzecki  
Tom Freeman  
Dana Matics  
Tom Wright  
Kathy Capps  
Mike Kenney  
Elizabeth Gardner  
Bob High  
Sarah King

**Design Team:**

Garry Walston, RLA – Stewart  
Cindy Szwarczkop, AICP - Stewart  
Dave Boyette, PE – Stewart  
John Anderson – McLaughlin Whitewater (via telephone)  
Risa Shimoda – McLaughlin Whitewater (via telephone)  
Aaron Asquith, McLaughlin Whitewater (via telephone)

**Meeting Agenda:**

1. McLaughlin Follow-Up – McLaughlin (via telephone)
2. NCWRC Memorandum – Shari Bryant
3. Conceptual Design – Garry Walston, Stewart

**McLaughlin Follow-Up**

- Aaron Asquith detailed the cross sections and provided information on the notches.
- It was noted that there is a desire to see variety in play areas. Seth Yearout (via written comments) requested: (1) the ability to navigate through three drops (ie) rock in middle at low flow. This is a challenge as that at many levels there isn't enough flow to play. (2) Alter the shape of the three drops so that they would change when the water levels change. 1<sup>st</sup> drop should be more of



## STEWART

a hole for kayakers to practice. The 2<sup>nd</sup>/3<sup>rd</sup> should be a breaking waves type feature. Beginners would be encouraged to put in between the 1<sup>st</sup> and 2<sup>nd</sup> drop. All three drops should be distinct in character so that at every flow level there will be different things to do.

- Could a secondary fish passage be provided? Splitting flow through the features is not recommended from a course design perspective because it will be a detriment to the whitewater.
- There will be 5' of total drop through the reach.
- Could center drop be shifted to the island side? Offset wings to create a tight eddy on river left. Slow moving on river right. More of a lower drop than the 1<sup>st</sup> drop.
- Lowest drop, point back down middle of channel – provide variation. Relatively easy going feature.
- Water backs up relatively quickly – 1<sup>st</sup> feature to drown out. The low flat beach area is great for instruction, out of the area for tubers. Good for swimming, wading, etc.
- ADA access at take-out. The put-in area is less problematic. 4'-5' change because proposed grade of bridge is much lower.

### Conceptual Design

- All comments from the Steering Committee meetings will be put into a wish list, discussed, and incorporated into the functional plan.
- Fire/rescue needs were detailed.
- Design is based on the new bridge being in place.
- Accessible put-in will need 80 to 100' of accessible route due to the elevation of the greenway.
- Seat 50 to 60 people in the viewing area.
- Viewing area is to be located in buffer, but this area is already being disturbed with the bridge construction.
- Full accessibility at put-in and take-out areas.
- Boardwalk materials: natural wood appearance. Could consider wood structure with Trex (recycled plastics/wood); hardwood; PermaTrack (concrete system – modular looks like wood decking). Trex has a life span of 20 to 30 years, but does mold, it compares very well to hardwood. PermaTrack has not been tested in flood conditions.
- ACOE is more comfortable with the put-in location closer to bridge. The current put-in is located on ACOE land and may be removed by ACOE at some point in the future. There has been an allowance by the Corps but there is a concern from a safety perspective. The existing put-in is located within a zone of concern (ACOE).
- Should there be additional put-in locations? What is preferable? Do not want boaters to maneuver over the pilings due to safety concerns. Put-in should be upstream of pilings at a point where there is some flow.
- Per vote of the Steering Committee, the put-in will be above the bridge.
- Tom Freeman comments: (1) US government owned land should be noted. (2) Look at hardening of put-in on south shore of river. This area is experiencing erosion. It was noted that the south bank will be stabilized and replanted as part of this project.
- Walkway access – there are concerns regarding additional impervious within the buffer. Access below the 1<sup>st</sup> drop should be sufficient. Vic and Garry noted that trying to get additional access points will push the buffer issue. The design team will look at route just below the first drop.
- Armoring – Vic noted that from perspective of stream channel, it is preferable to go to a 3 to 1 slope, but it is understood that the project will probably be restricted to a 1 to 1 slope due to permitting concerns. It was acknowledged that the review of streambank stabilization will be a small component of the overall environmental review.
- Consider how people are currently using the area. Consider incorporating green elements into the project.
- USACOE noted that there is not a lot of flow most of the year. Want to make sure that expectations are realistic, there is not always a lot of water.
- McLaughlin will study to determine the maximum variance in the north channel.



**STEWART**

- Can spillway notches be designed to offset concern that this project will be a barrier to fish migration? Can these be enlarged? Per Aaron – the concern is the amount of water. The north channel is probably the best upstream fish passage channel. These passages would utilize a great amount of the flow.

NCWRC Memorandum

- NCWRC still has concerns that the whitewater park could potentially be a barrier to fish passage once/if the Milburnie Dam is removed.
- NCWRC will continue to study and report back to the Committee during the next Steering Committee meeting.

Next Meeting

- Monday, October 4, 2010



## North Carolina Wildlife Resources Commission

Gordon Myers, Executive Director

### MEMORANDUM

TO: Cindy Szwarcok, Senior Planner  
Stewart Engineering

FROM: Shari L. Bryant, Piedmont Region Coordinator  
Habitat Conservation Program

DATE: 20 September 2010

SUBJECT: Falls Whitewater Park – Conceptual Course Design

On September 10, 2010, staff with the N.C. Wildlife Resources Commission and U.S. Fish and Wildlife Service met to discuss the proposed whitewater course conceptual design and its potential impact on aquatic resources, particularly diadromous species in Neuse River. Diadromous species include anadromous species such as American shad and striped bass that live in saltwater and spawn in freshwater, and catadromous species such as American eel that live in freshwater and spawn in saltwater.

#### Aquatic Resources in Neuse River

Aquatic resources in this section of Neuse River include resident fish species such as sunfish (*Lepomis* sp.), largemouth bass (*Micropterus salmoides*), crappie (*Pomoxis* spp.), and white perch (*Morone americana*). Diadromous species such as American eel (*Anguilla rostrata*), American shad (*Alosa sapidissima*), and striped bass (*Morone saxatilis*) historically have used this section of Neuse River. Freshwater mussel species such as the state threatened triangle floater (*Alasmidonta undulata*) have been documented in the south channel where the whitewater course is proposed to be constructed. Also, there are records for the state threatened Eastern lampmussel (*Lampsilis radiata*) and Carolina fatmucket (*Lampsilis radiata conspicua*), and historic records for the federal and state endangered dwarf wedgemussel (*Alasmidonta heterodon*), the federal species of concern and state threatened Carolina madtom (*Noturus furiosus*), the state threatened Roanoke slabshell (*Elliptio roanokensis*) and the state special concern Neuse River waterdog (*Necturus lewisi*) and notched rainbow (*Villosa constricta*) in Neuse River upstream of the confluence with Crabtree Creek.

#### Whitewater Park Conceptual Design and Fish Passage

On June 8, 2010, the N.C. Wildlife Resources Commission provided recommendations to address fish passage within the whitewater course in the south channel. We recommended developing a holistic approach to fish passage. This would have required measurements to be collected of the existing habitat (line transect type data) under low flow conditions. Then, we recommended that each characteristic (water velocity, water depth, passage width, abrupt drop) not be modified by more than 10%. So, for example, if the existing habitat has 40% of the stream width with water depths between 1 and 2 feet, (at

20 September 2010  
Falls Whitewater Park

some reference gage height), then between 30-50% of the channel should have these water depths after any stream bed modifications are made. This would maintain the habitat diversity needed by the existing fish community within this section of the Neuse River, but allow for some modification of the streambed to meet the objectives of developing a whitewater park.

On June 25, 2010, the N.C. Wildlife Resources Commission participated in a conference call with the design engineer, Mr. John Anderson, to discuss the potential to incorporate the above recommendations into the whitewater course design. Mr. Anderson indicated that adhering to our recommendations would not meet the objectives for the whitewater course. We tentatively agreed with Mr. Anderson's proposed conceptual design, but indicated we had concerns regarding the diversion weir/divider island and asked if that could be eliminated from the design. We were informed that while the whitewater course did not require a diversion weir/divider island, this was a design requirement by the project proponents. We indicated more information was needed on the effect of the diversion weir/divider island on flows in the north channel. It was clear diadromous fish would not be able to pass through the south channel due to physical barriers of the proposed whitewater course design, but if the diversion weir/divider island did not significantly affect flows in the north channel, then there may be the potential for diadromous fish to pass through the north channel.

Information and data were provided on the effect of the diversion weir/divider island on flows in the north channel. The data showed the greatest impact to flow would occur between 300 and 1,000 cfs; this is the flow range that is critical for diadromous fish passage. A cursory review of flow data from Falls dam showed that flows in the range of 300 to 1,000 cfs could be reduced up to 13% of the days between March 1 and May 31 in the north channel following construction of the whitewater course and diversion weir/divider island. At this point, we were concerned the whitewater course design would not allow for fish passage in the south channel, and reductions in flow could significantly affect fish passage in the north channel.

During the August 16, 2010 meeting, we shared these concerns with the Steering Committee members. Several questions were asked, and we agreed to further review the Neuse River hydrograph, and respond to the questions that were asked.

A review of the Neuse River hydrograph between 1971 and 2010 shows construction of the dam itself affected the frequency of flows in the 300-1,000 range; however, the proposed diversion weir/divider island would further reduce the frequency of flows in this range (Figure 1). At this time, we feel the project as proposed could be a migration barrier to diadromous species in the Neuse River by providing a physical barrier in the south channel and a flow barrier in the north channel.

#### Steering Committee Members' Questions

Question: With Milburnie dam still in place do we need to be concerned about anadromous fish passage?

Answer: Yes. Although Milburnie dam is still in place, there is currently a proposal to remove it. Even if it is not removed, there is the potential for fish passage around the dam to be provided at some point in the future.

Question: If the dam is removed will anadromous fish be able to get to Falls dam? How often?

Answer: Yes, diadromous fish will be able to get to Falls dam. There are historical records of diadromous species reaching the Eno River and Flat River upstream of Falls dam. American eel, American shad, and striped bass are expected to be able to reach Falls dam. It is anticipated American eels will reach Falls dam annually. How often American shad and striped bass get to Falls dam will

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depend on flows. We know it takes 500 cfs for American shad and striped bass to migrate to Milburnie dam and currently these species are able to get to Milburnie dam four out of every five years.

Question: What is the flow that anadromous fish need to pass through the north channel?

Answer: It is unknown at this time. At the previous meeting, we indicated 500 cfs as a conservative estimate for our cursory review of the Falls dam flow data since we know it takes 500 cfs for American shad and striped bass to reach Milburnie dam. Currently, we are reviewing Habitat Suitability Index (HSI) data for American eel, American shad, and striped bass to see if these data can provide better estimates of what the flow needs may be for each of these species. However, it is likely that we will not know definitively until fish have access to this section of the river.

Question: How many days of flow are needed for anadromous fish passage?

Answer: Adequate flows are needed between March 1 and June 1.

Question: Is habitat in the north channel suitable for anadromous fish?

Answer: It is unknown at this time. Again, currently we are reviewing Habitat Suitability Index (HSI) data for American eel, American shad, and striped bass to determine whether habitat in the north channel is suitable for these species.

Question: Do the fish have to come to the dam?

Answer: Yes. A diadromous fish restoration plan has not been developed for the Neuse River yet. However, the goal of the U.S. Fish and Wildlife Service, National Marine Fisheries Service, N.C. Division of Marine Fisheries, and N.C. Wildlife Resources Commission is to maintain all options for upstream migration of diadromous species above Falls dam. There is restoration potential for American eel above Falls dam. At this time, it is unclear whether there are restoration opportunities for American shad or striped bass above Falls dam. Therefore, to pass diadromous species above Falls dam these species would need to be able to get to the dam.

Question: Could the habitat be enhanced for anadromous fish downstream of where the north and south channels confluence?

Answer: No. As stated above, one goal of the resource agencies is to maintain all options for upstream migration of diadromous species above Falls dam. Therefore, to pass diadromous species above Falls dam, these species would need to be able to get to the dam.

Question: Could habitat in the north channel be modified to provide more desirable flows to pass anadromous fish?

Answer: It is unlikely that streambed modifications will improve habitat in the north channel because spawning success is also related to stream discharge. However, we are reviewing the Habitat Suitability Index (HSI) data to see if there is a potential.

Question: Can the whitewater design, particularly the side channels, be modified to pass anadromous fish?



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Answer: Possibly. We are working with migratory fish experts to see if there is a possibility for modification that would allow for fish passage within the proposed conceptual design of the whitewater course.

#### Other Issues

- As discussed above in the section Aquatic Resources in Neuse River, there are historical records for several listed aquatic species in Neuse River. It has come to our attention that the Carolina madtom and Neuse River waterdog are under consideration for possible listing by the U.S. Fish and Wildlife Service. If either of these species is listed prior to project permitting, the U.S. Fish and Wildlife Service would require a Section 7 review.
- Restoration of freshwater mussel species that historically occurred in this section of Neuse River may depend on diadromous fish species. At this time, it is unknown whether any of the diadromous species in Neuse River serve as hosts for any of the mussel species. Therefore, any freshwater mussel restoration may be dependent on ensuring diadromous fish passage.
- It appears all three of the natural low flow notches in the river may be modified. It was our understanding the southern most low flow notch may be modified during construction of the whitewater course and diversion weir/divider island. We have concerns about modifications to the other natural low flow notches in the river. More detailed information on the proposed modification of these low flow notches and the possible impact to flows and aquatic habitat needs to be presented.
- In Mr. Zarzecki's correspondence dated August 16, 2010, he stated "I have seen documentation and studies from WRC on rip-rap banks at the coast improving habitat and documenting greater diversity and species of fish, etc." We would like to clarify that our preference is for natural bank stabilization, whenever feasible. However, if natural bank stabilization is not an option, then we prefer rip-rap over other hardening structures (e.g., seawall) because rip-rap provides better aquatic habitat than other hardening structures.

#### Alternatives

The primary goal of the resource agencies is to retain the utility of this section Neuse River to provide spawning and migration pathways for resident fish species, diadromous species, and freshwater mussel species. At this time, we feel the proposed conceptual design could be a migration barrier to diadromous species in the Neuse River by providing a physical barrier in the south channel and a flow barrier in the north channel. We have several alternatives for consideration by the Steering Committee. These include:

- Design a whitewater course that does not require a diversion weir/divider island, but could be retrofitted with a diversion weir/divider island at a later date. Once diadromous species have access to this section of the river, more data will be available on how these species (i.e., American eel, American shad, and striped bass) will use the area. Once this data is available, discussions regarding the possibility of retrofitting the whitewater course to include a diversion weir/divider island could take place.
- Include an adjustable weir in the project design. During critical migration periods (i.e., March 1 to June 1), the weir could be adjusted to provide sufficient flows to the north channel to allow for upstream migration of diadromous species. We understand the Committee members do not want an adjustable weir, but this would resolve many of the resource agencies concerns regarding the proposed conceptual design.

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20 September 2010  
Falls Whitewater Park

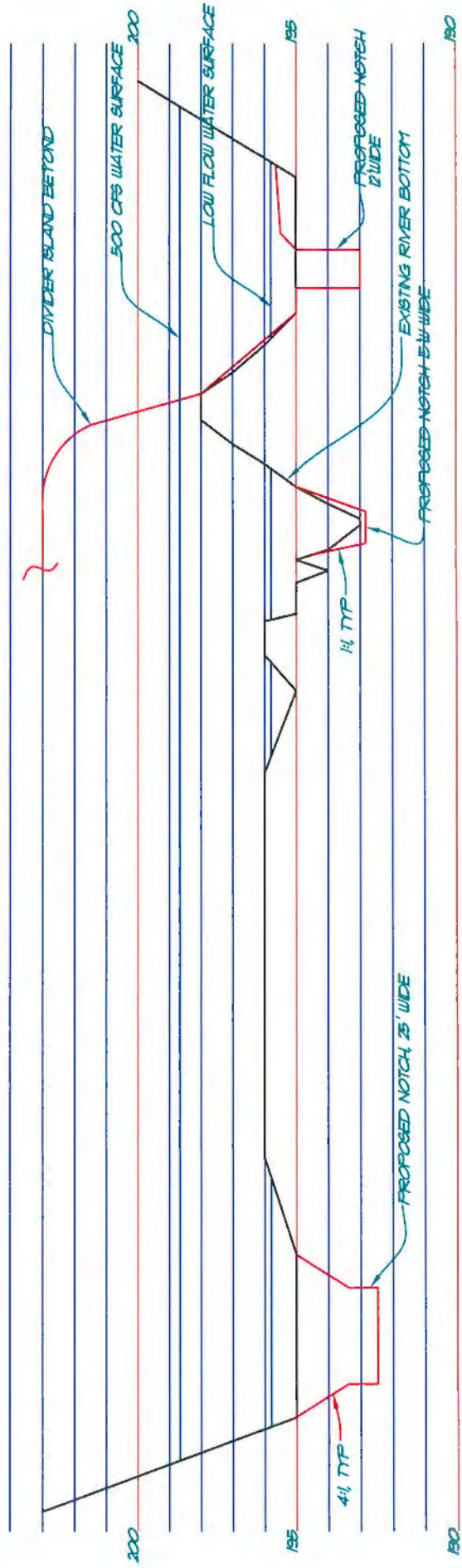
- Conduct an Instream Flow Incremental Methodology (IFIM) study to evaluate the effect to flow and habitat in the north channel with and without the project.

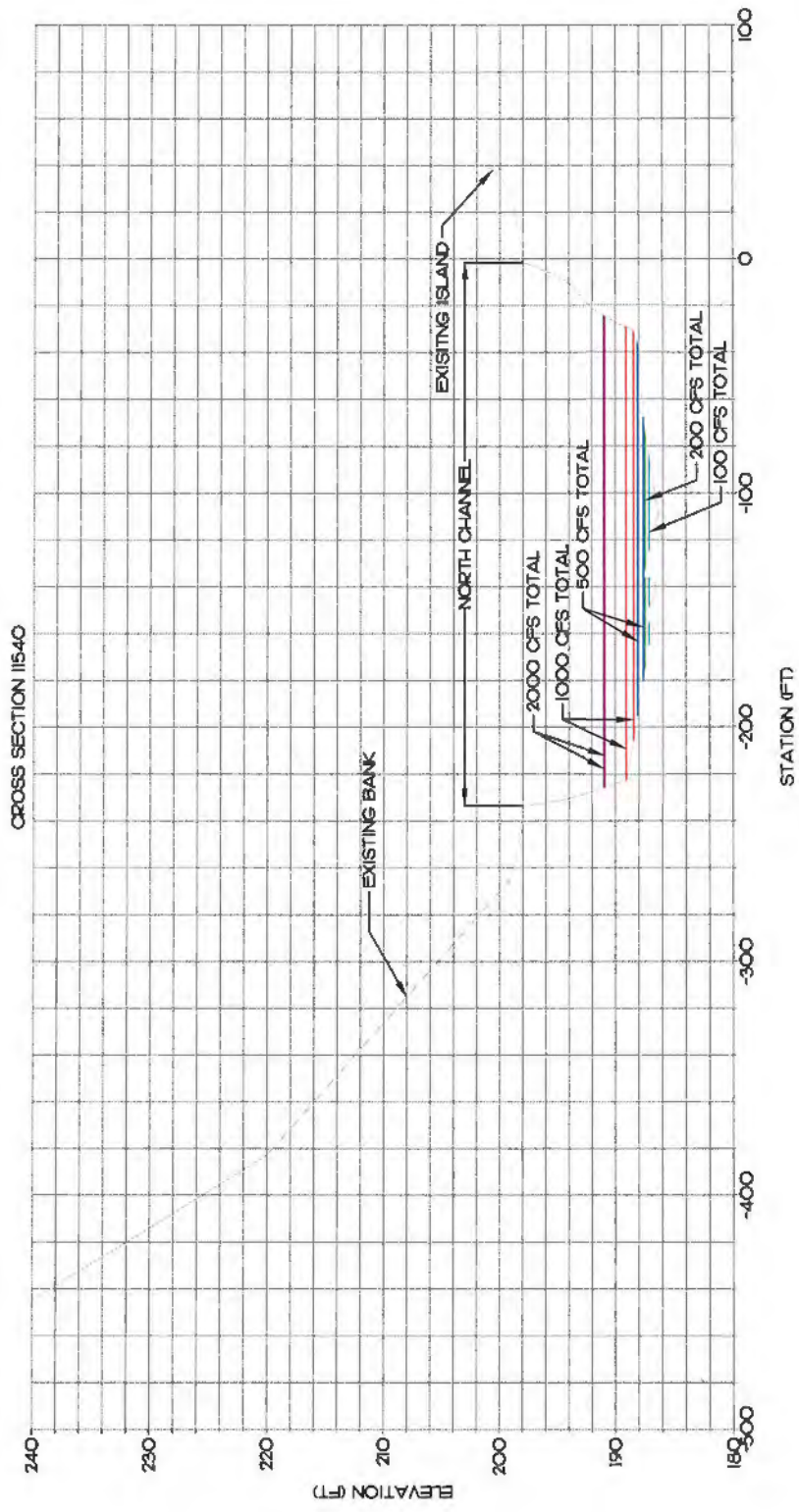
Thank you for the opportunity to participate on the Whitewater Park Steering Committee and to provide comments regarding the development of the proposed Falls Whitewater Park. If we can be of further assistance, please contact our office at (336) 449-7625.

ec: Bennett Wynne, WRC

205

205





CROSS SECTION 11930

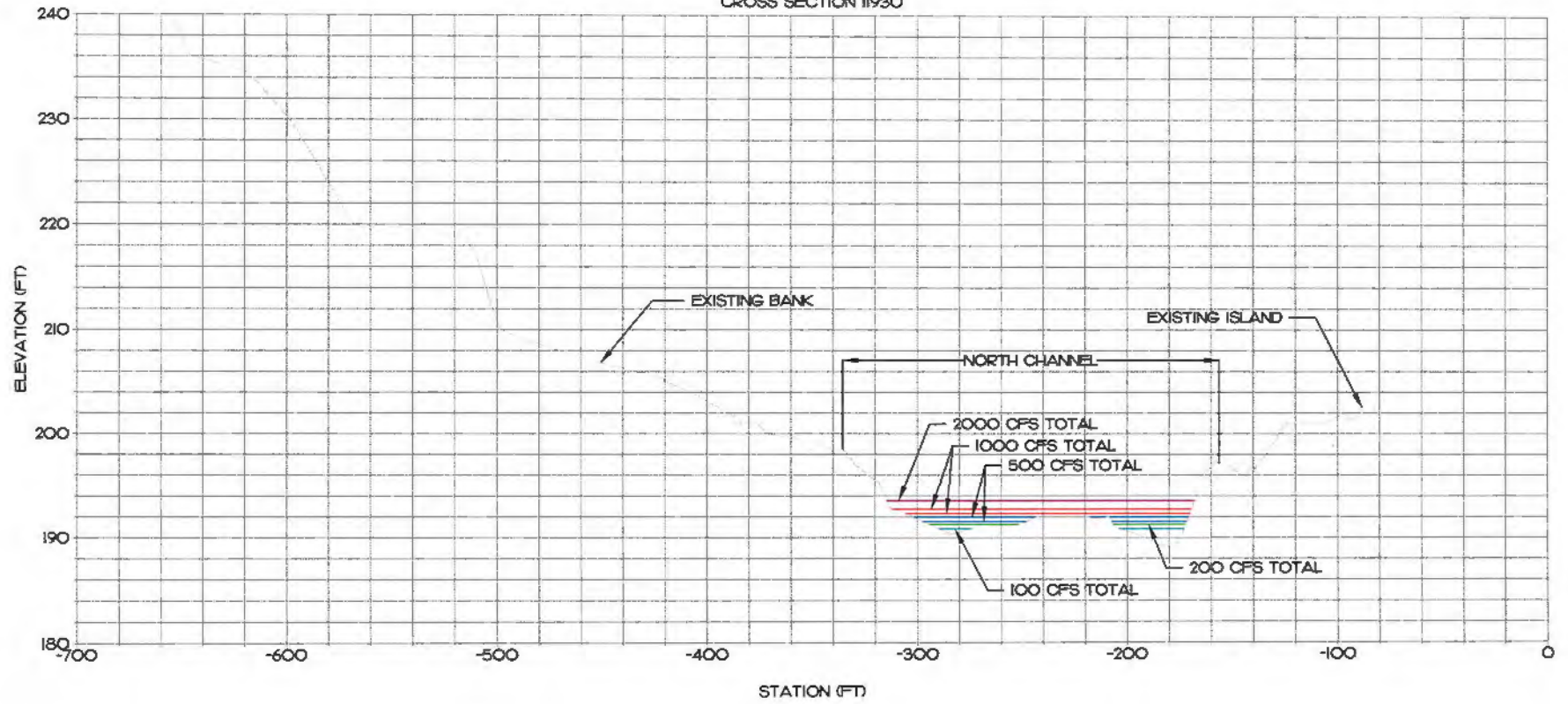
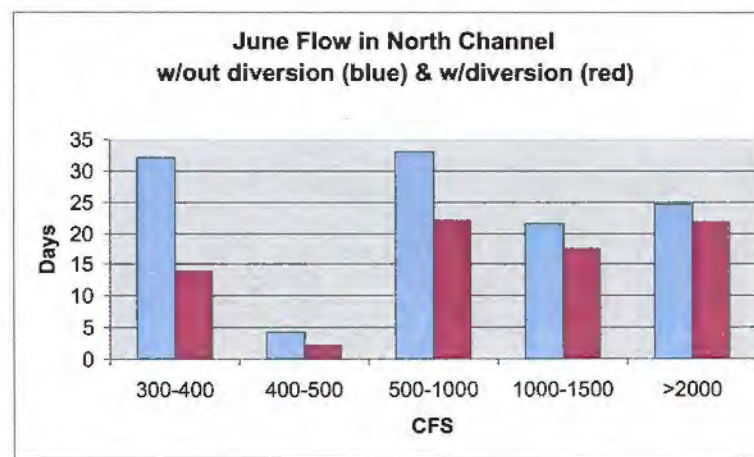
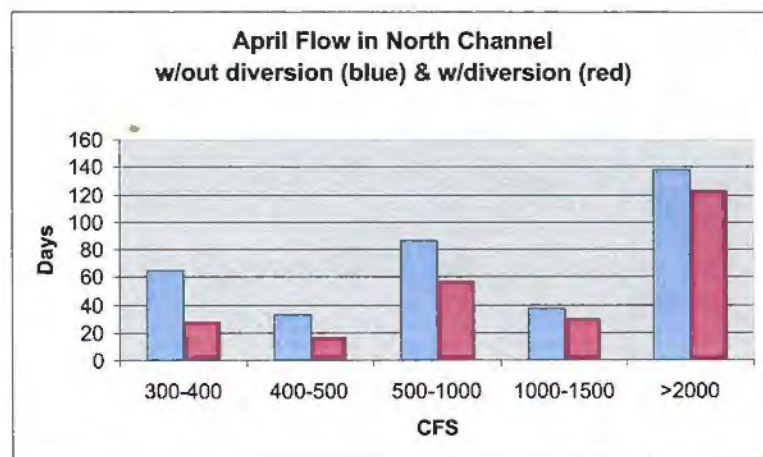
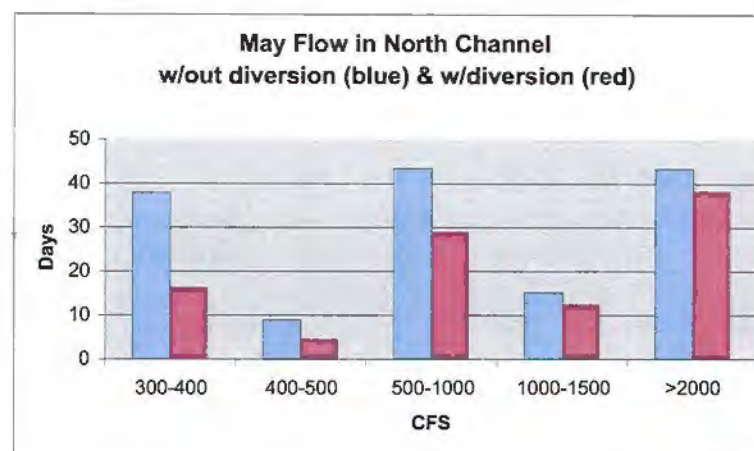
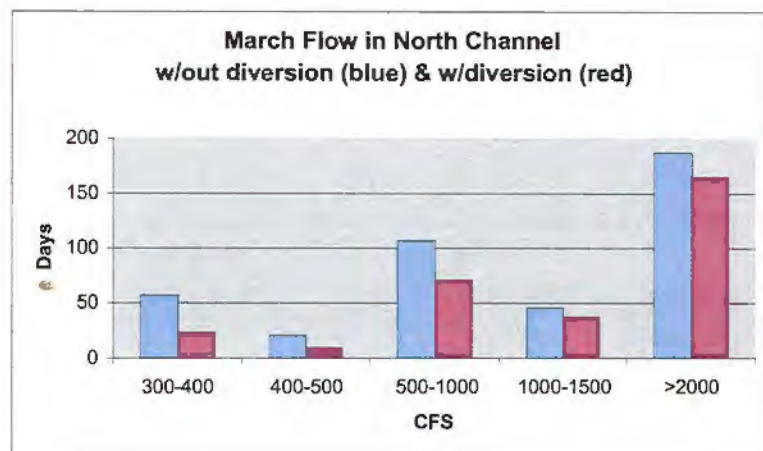


Figure 1. Flow in the north channel without the diversion weir/divider island and with the diversion weir/divider island.





PROPOSED FALLS OF NEUSE  
REPLACEMENT BRIDGE BY  
OTHERS

ISLAND

DIVERTER  
ISLAND

PUT-IN  
AREA

ACCESSIBLE  
ROUTE TO PUT-IN

TRAIL  
CONNECTOR  
(BY OTHERS)

ELEVATED  
VIEWING  
AREA

POOL 1

POOL 2

POOL 3

BANK ARMORING/  
SHORELINE  
STABILIZATION

TAKE-OUT/  
VIEWING AREA

NEUSE RIVER TRAIL  
(UNDER CONSTRUCTION)

ACCESSIBLE ROUTE  
TO TAKE-OUT AREA

CANOE LAUNCH  
ACCESS ROAD  
(UNDER CONSTRUCTION)

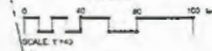
PROPERTY LINE (TYPICAL)

PARKING  
-29 CARS  
-10 TRAILERS  
(OR 20 CARS)

BATHROOM/  
CHANGING FACILITIES

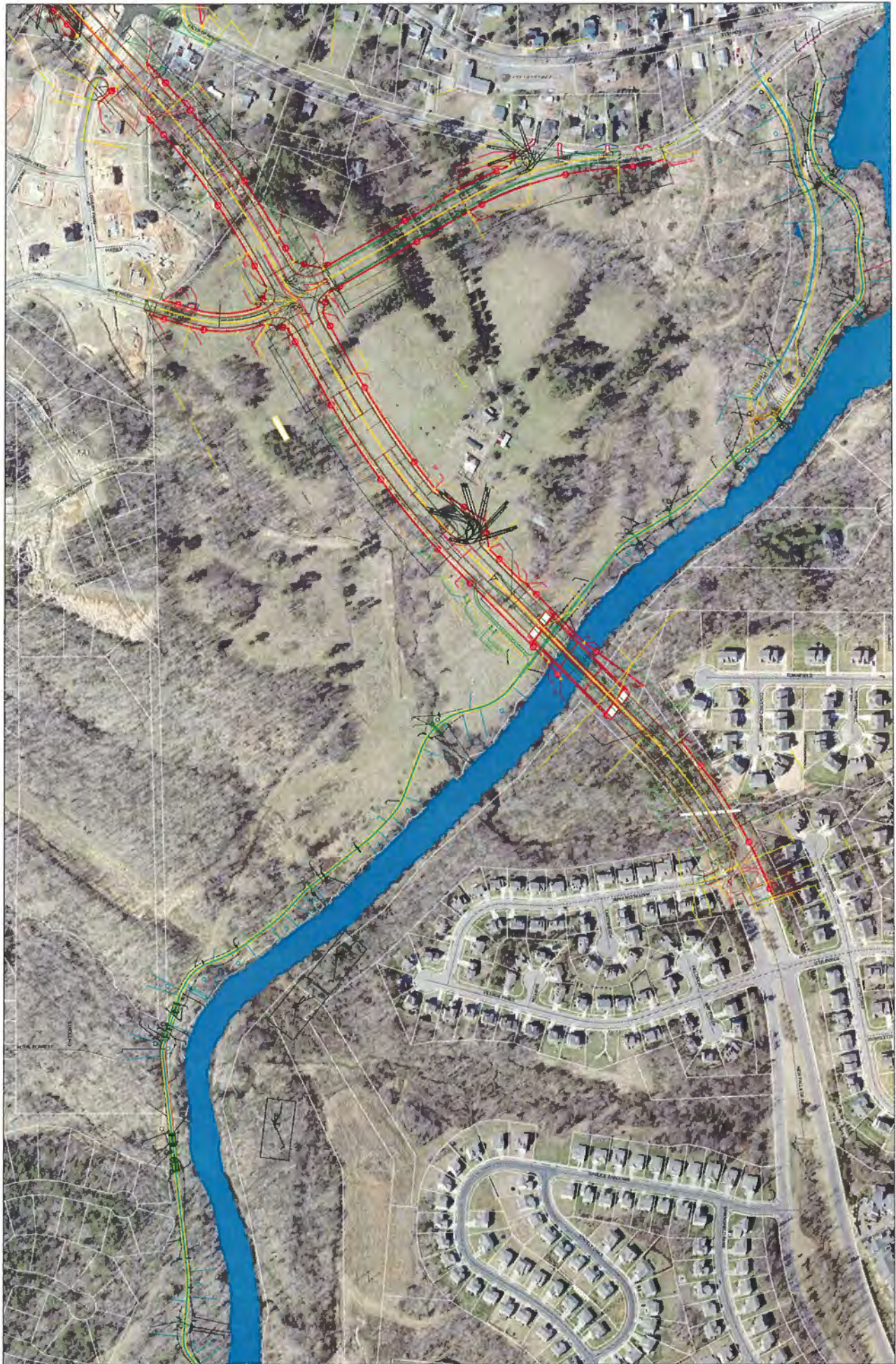


NORTH



STEWART









**STEWART**

**TO:** City of Raleigh Parks and Recreation Department  
Falls Whitewater Steering Committee

**FROM:** Garry P. Walston, RLA, ASLA, LEED

**DATE:** 10/5/2010

**REFERENCE:** Falls Whitewater Steering Committee Meeting #8  
October 4, 2010

**STEWART PROJECT  
NUMBER:** C09047

**Meeting Attendees:**

Shari Bryant, NCWRC  
Bennett Wynne, NCWRC  
Dana Matics, USACE Falls Lake  
Sarah King, Paddler  
Elizabeth Gardner, Paddler  
Jade Wei, Paddler  
Bob High, Paddler  
Mark Antonik, Paddler  
Kathy Capps, City of Raleigh  
Vic Lebsock, City of Raleigh  
Seth Yearount, City of Raleigh  
Tom Freeman, USACE Falls Lake

**Design Team:**

Garry Walston, RLA – Stewart  
Dave Boyette, PE – Stewart  
John Anderson – McLaughlin Whitewater  
Risa Shimida – McLaughlin Whitewater (via telephone)  
Aaron Asquith, McLaughlin Whitewater (via telephone)

**Meeting Agenda:**

1. Complete Discussion of Fish Passage
2. Discuss final Water Based Issues – John Anderson
3. Discuss final Land Based Issues – Garry Walston
4. Final Vote of Design Approval– Vic Lebsock

Shari recapped the report on fish passage that was provided at the previous Steering Committee meeting. She and Bennett led a discussion that touched on the following items:

- The conclusion of the NCWRC is that the project has the potential to impact future fish spawning habitat in the event that the Milburnie Dam is removed in the future.



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- The entire discussion is only applicable if the dam is removed. Shad and Striped Bass are sometimes found upstream of the dam during flood events.
- The rocky bottom between the end of the proposed whitewater course and the dam outlet are prime spawning areas.
- There was much discussion about how fish would get into Falls Lake from the river. Three possible options were discussed, including fish ladders, fish lifts, and fish transport.
- If transporting of fish into Falls Lake is so important, why isn't it being done at present?
- Is there a target date for removal of the Milburnie Dam? It is currently under government review, but public opinion has turned against it. No date has been set for removal.
- Are there any similar fish passage projects in the area that have been studied and the results quantified? Not locally.
- After a lengthy discussion on whether or not there is enough data to support either side of the debate, John Anderson recommended that we move forward with the project as designed, with the understanding the issue could be revisited in the future if and when more data is provided.
- Vic asked whether USFWS could provide any data to indicate whether or not it would matter if the Milburnie Dam was removed, since the Falls Dam was built decades after the Milburnie Dam, and the river between the two has significantly changed in the intervening years. There is no finite answer to the question.
- Sarah asked if the introduction of a diverter control were introduced into the project, would it help the USFWS feel better about supporting the project. Shari indicated that it would.
- Vic expressed concern on the part of the City of Raleigh with long term maintenance and cost of such devices.
- Sarah reiterated that if fish passage is ever reintroduced in the area, that passage all the way to the dam is crucial.

Vic stated that the diverter issue could not be resolved without more discussion among the City staff, so he will ask the Steering Committee members to vote for or against a mechanical diverter in the coming weeks via email.

John Anderson then led a discussion of the outstanding water based issues from the emails generated by the Steering Committee after the previous meeting.

1. Diverter Island/Diversion Weir – The City staff will discuss the cost/benefit of such a device and ask the Steering Committee to vote on it.
2. Targeted Flow Volumes – John provided a chart and cross-sections to demonstrate impact on flow in the north channel.
3. Put-in Locations: (size, number and location) – the put in will be moved to just east of the stream feature that intersects the river in the pool area.
4. Confirm that features will “run” during normal flow levels – John confirmed this.
5. At what level will features “wash out” – The lower level will continue to flow at 4000 cfs.
6. Could a “user friendly” bottom be incorporated into the design? – Yes, the bottom will be natural granite.
7. Impact to shoreline beyond end of course? – Armoring will begin and end approximately as shown on the current plans.
8. Armoring on north shore? – The City will discuss shoreline stabilization with the River Mill homeowners and ask them to put the issue to a vote among the homeowners. The City will provide this service if the residents of River Mill want it.

Garry Walston led a discussion of the outstanding land based issues from the emails generated by the Steering Committee after the previous meeting.

1. Bank Stabilization – it was decided that armoring would be used with a 2:1 slope to just above the high water line, and 3:1 slopes and re-vegetation would be used above that point.



## STEWART

2. Utilize Native Plants – Yes.
3. Location of Trail Access Points – Trail access points will remain as decided at the previous meeting.
4. Trail to Parking Lot – A more direct connection will be added from the take-out area to the parking lot. This will require a significant amount of stairs.
5. Signage – Type and location will be determined during construction document preparation.
6. 911 Call Station – The City will explore options for emergency notification. The current system is subject to vandalism and false alarms.

Seth asked if an outdoor shower could be incorporated into the future bathroom/changing room design. This element will be included in the future design.

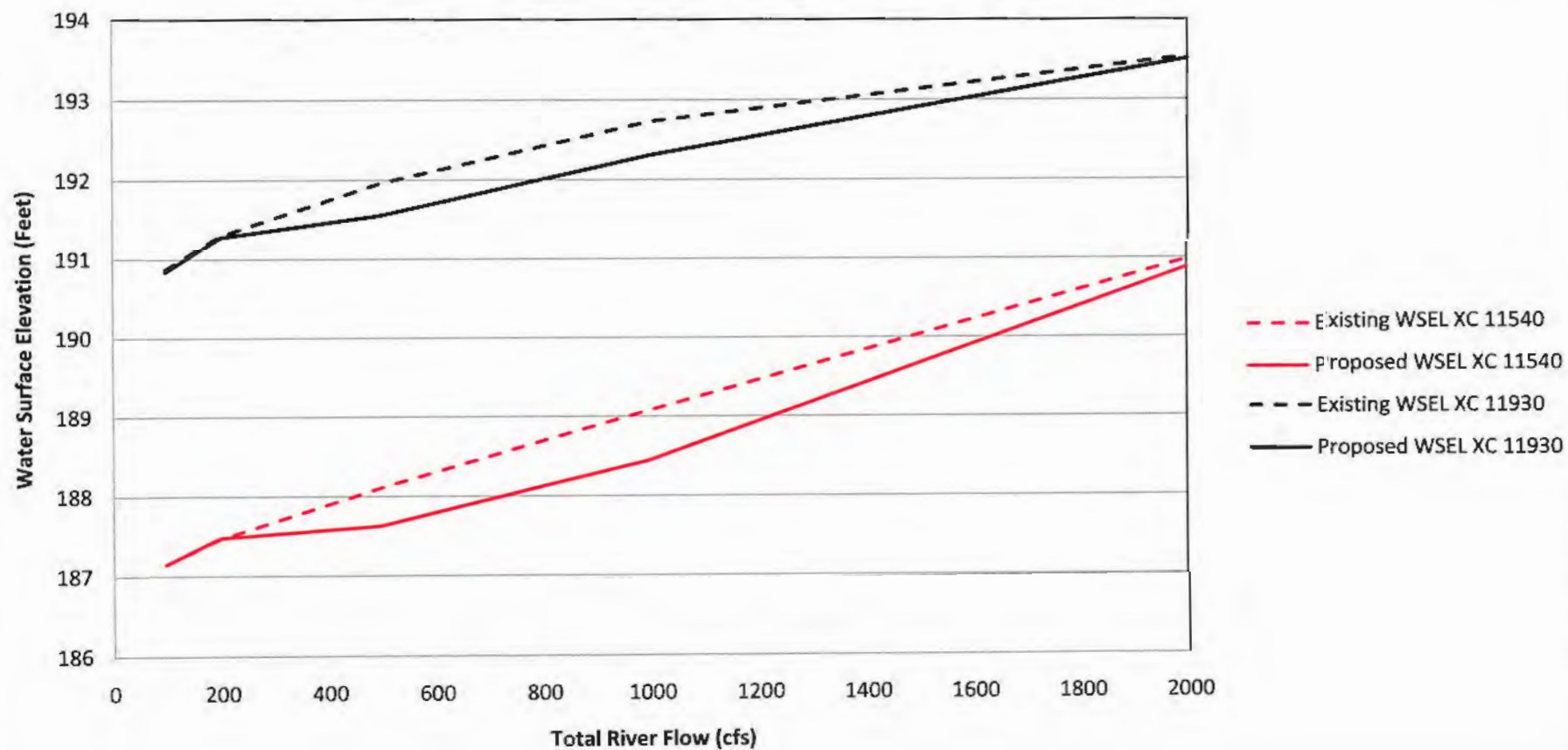
Vic asked for a consensus vote on the project with the discussed revisions. The vote was 9-0 in favor of the project, with the exception of the north channel stabilization, which will be added if desired by the River Mill residents.

### **Meeting Wrap-up and Schedule:**

This was the final Steering Committee meeting. The next scheduled meeting is the Community Meeting on November 3, 2010. Vic asked that Steering Committee members attend in show of support of the project. Tentatively, the project will be presented to Park Planning on October 27, 2010 at 1:00, prior to presentation to the PRGAB.

Attachments:                      Chart and sections from McLaughlin  
   Site Plan from Stewart

## North Channel Exist. vs. Proposed Water Surfaces





ING BANK

NORTH CHANNEL

EXISTING ISLAND

-2000 CFS TOTAL

-1000 CFS TOTAL

-500 CFS TOTAL

-200 CFS TOTAL

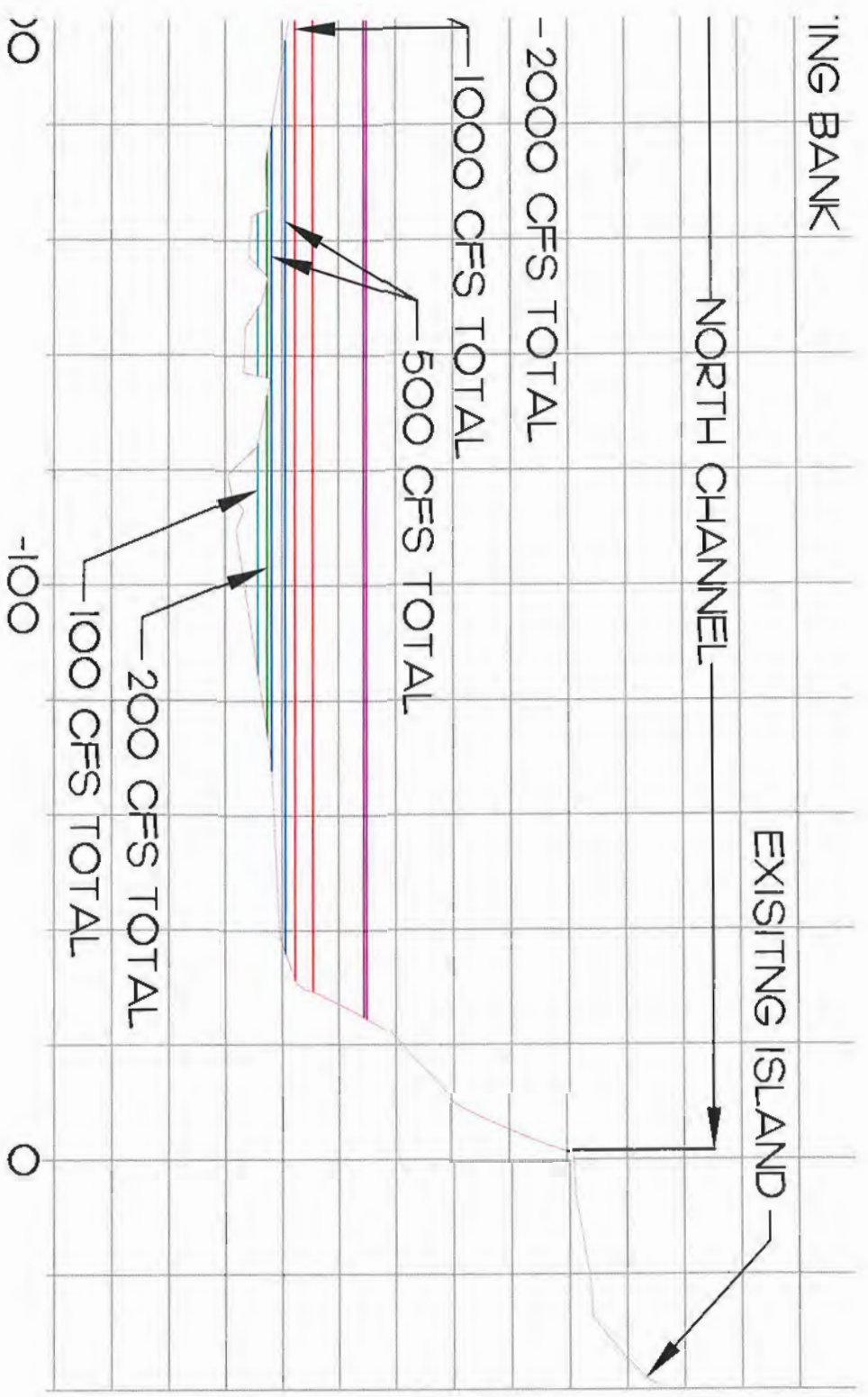
-100 CFS TOTAL

20

-100

0

STATION (FT)



STATION (F.T)

-300

-200

NORTH CHANNEL

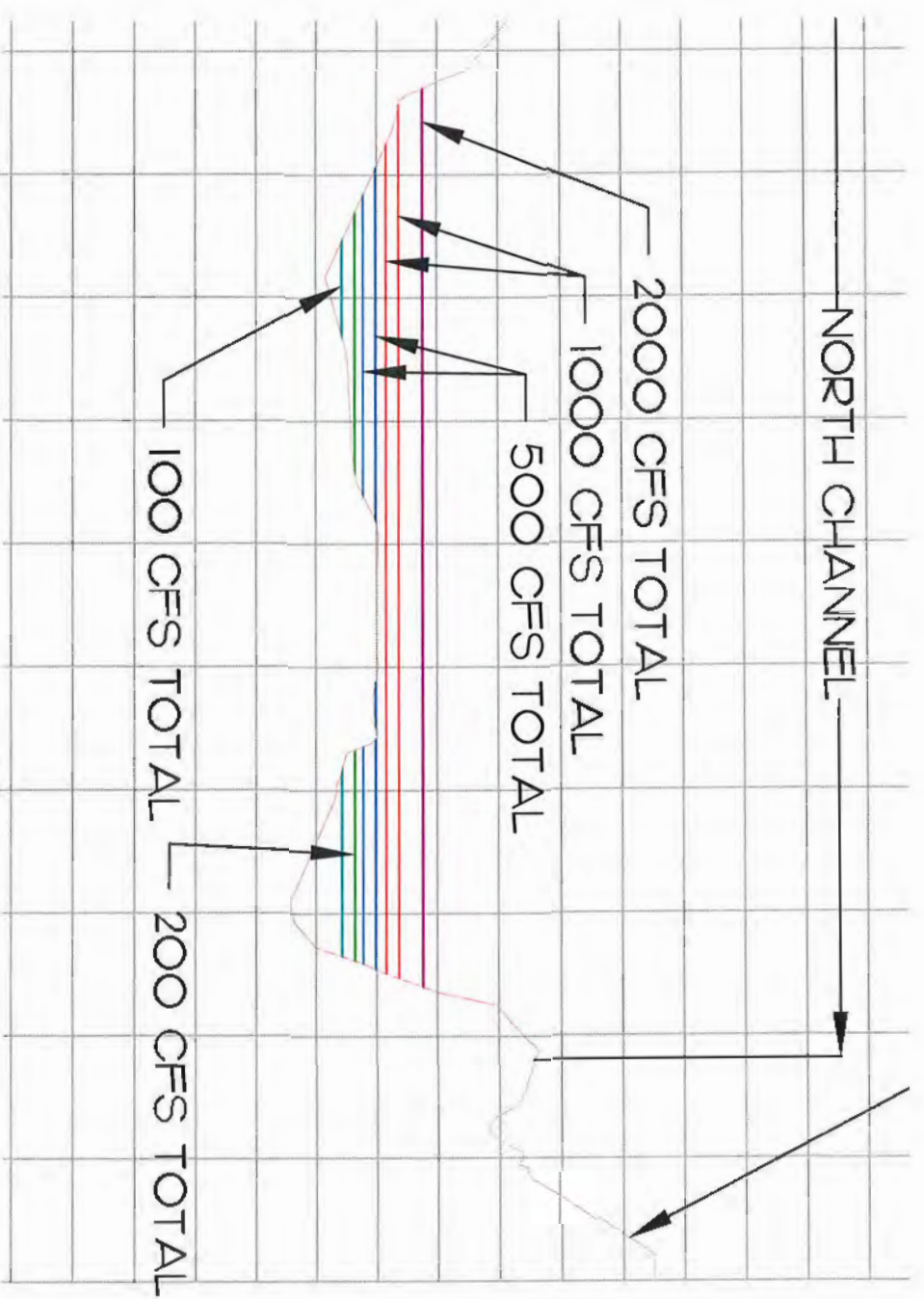
2000 CFS TOTAL

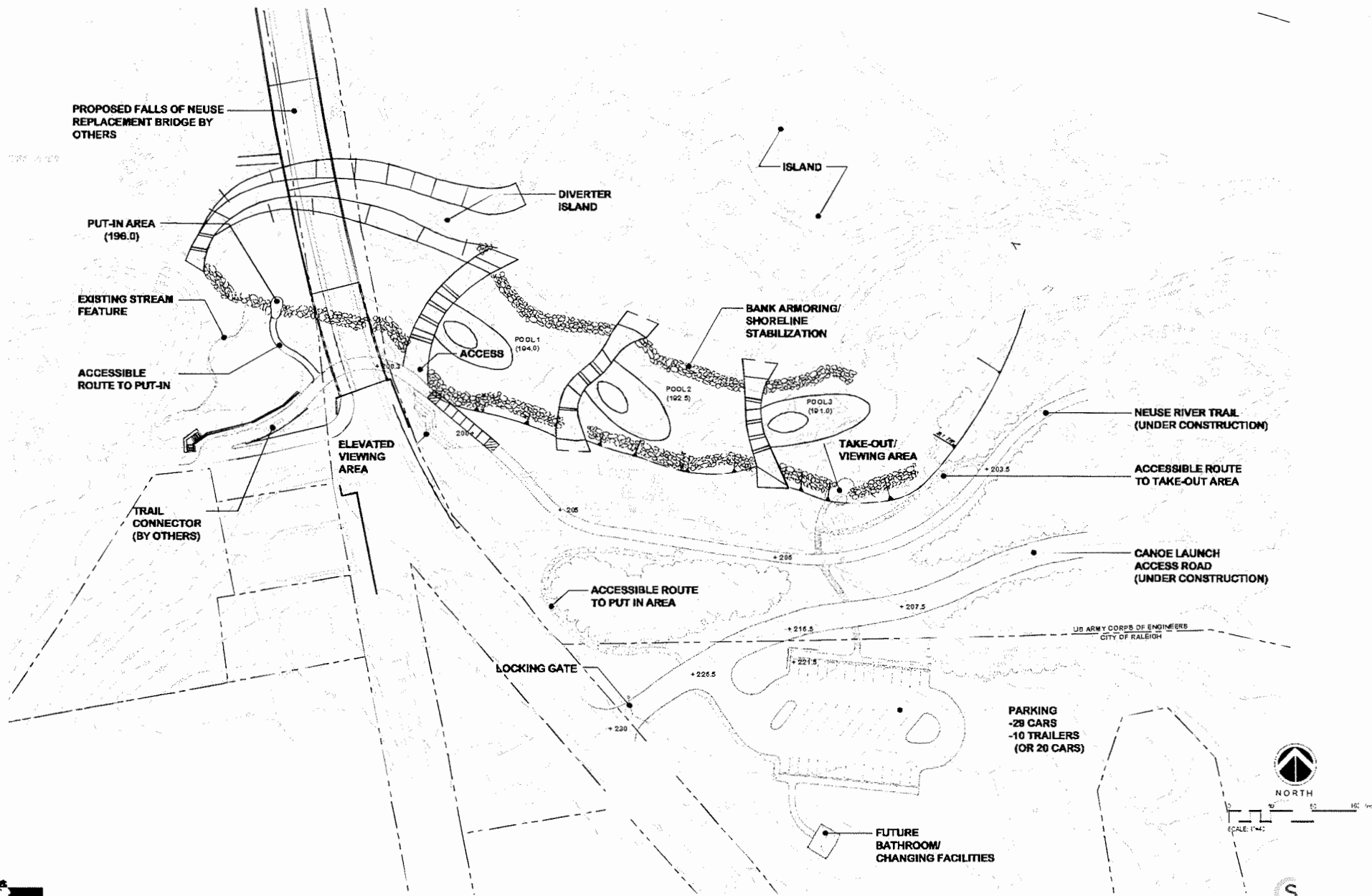
1000 CFS TOTAL

500 CFS TOTAL

100 CFS TOTAL

200 CFS TOTAL





# FALLS WHITEWATER PARK

# Presentation to City of Raleigh Park Planning Staff

October 27, 2010



# Agenda

- Project Overview/Public Involvement Process
- Design Development Drawings
- Questions/Comments



# Project Schedule

Meeting #1 (Kick-Off Meeting): January 19, 2010  
Data Collection/River Survey Complete: May 2010  
Preparation of Conceptual Design: May to Mid-July 2010  
Community Meeting #2: July 14, 2010  
Design Development Stage: Late July to Mid October 2010  
Community Meeting #3: November 3, 2010  
Complete Design Development Drawings: Mid-November 2010  
Present Plan to PRGAB: November 18, 2010



# Vision Statement

- “To create a river park that provides multiple water-based recreational and educational opportunities throughout as much of the year as possible with the known historical release levels. The river and its natural habitat will be enhanced and celebrated through the creation of this project.”



# Project Area

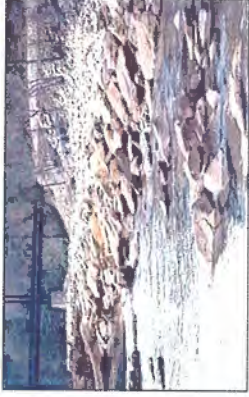
FALLS WHITE WATER PARK  
CONTEXT MAP





# Reference Images

## FALLS WHITE WATER PARK REFERENCE IMAGES



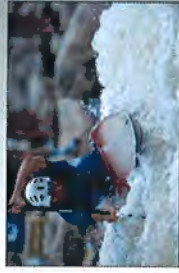
CONNECTIONS



LOW FLOW CONDITIONS



CREATED DROP



ATHLETES



VIEWING AREAS



SWIMMING





# Falls Whitewater Park Plan



STEWART  
Landscape Architecture

FALLS WHITEWATER PARK  
RALEIGH, NORTH CAROLINA



RALEIGH  
Landscape Architecture

# Additional Boating Days

- 48 days per year without diversion island
- 105 days with diversion island
- Average 117 percent increase

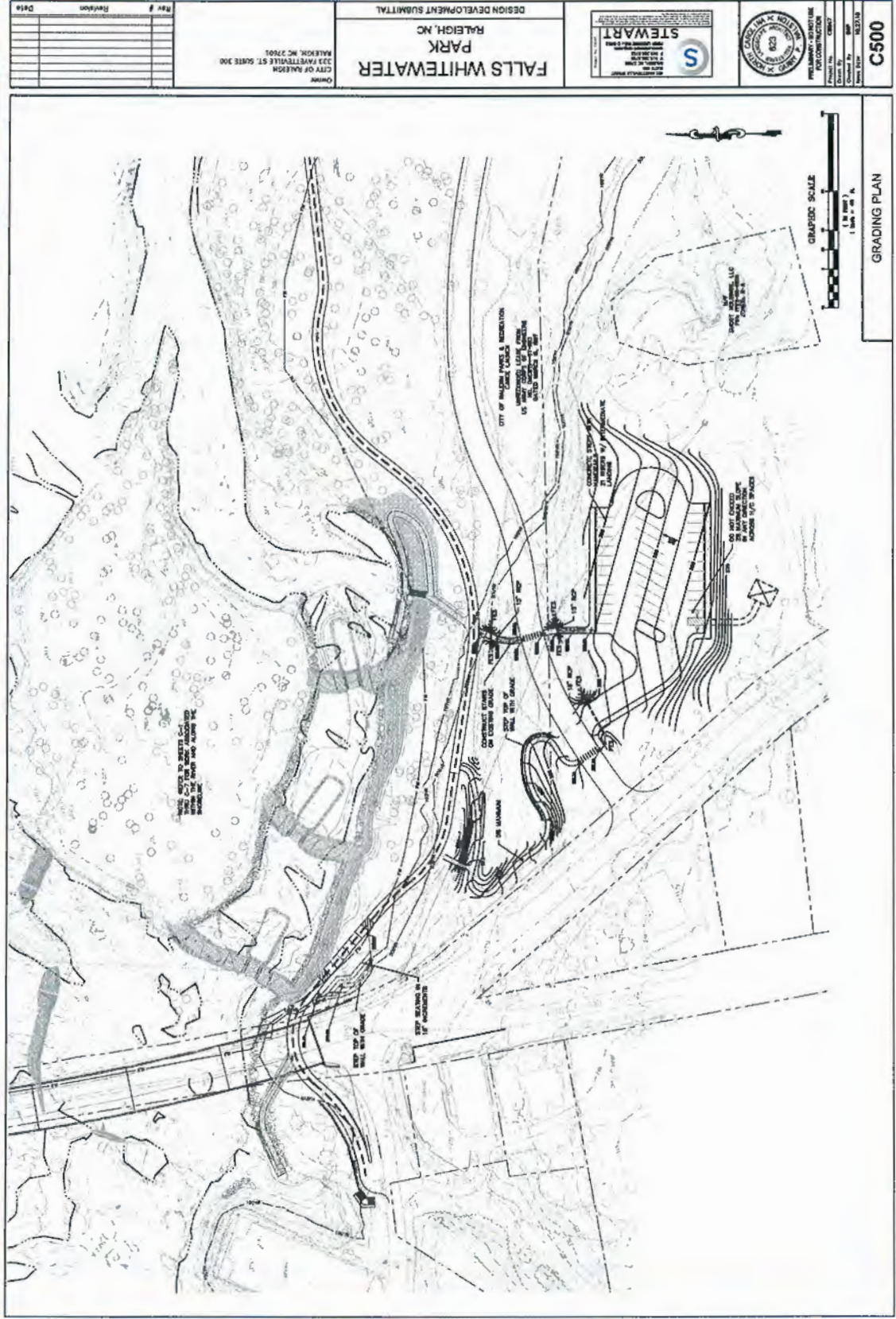


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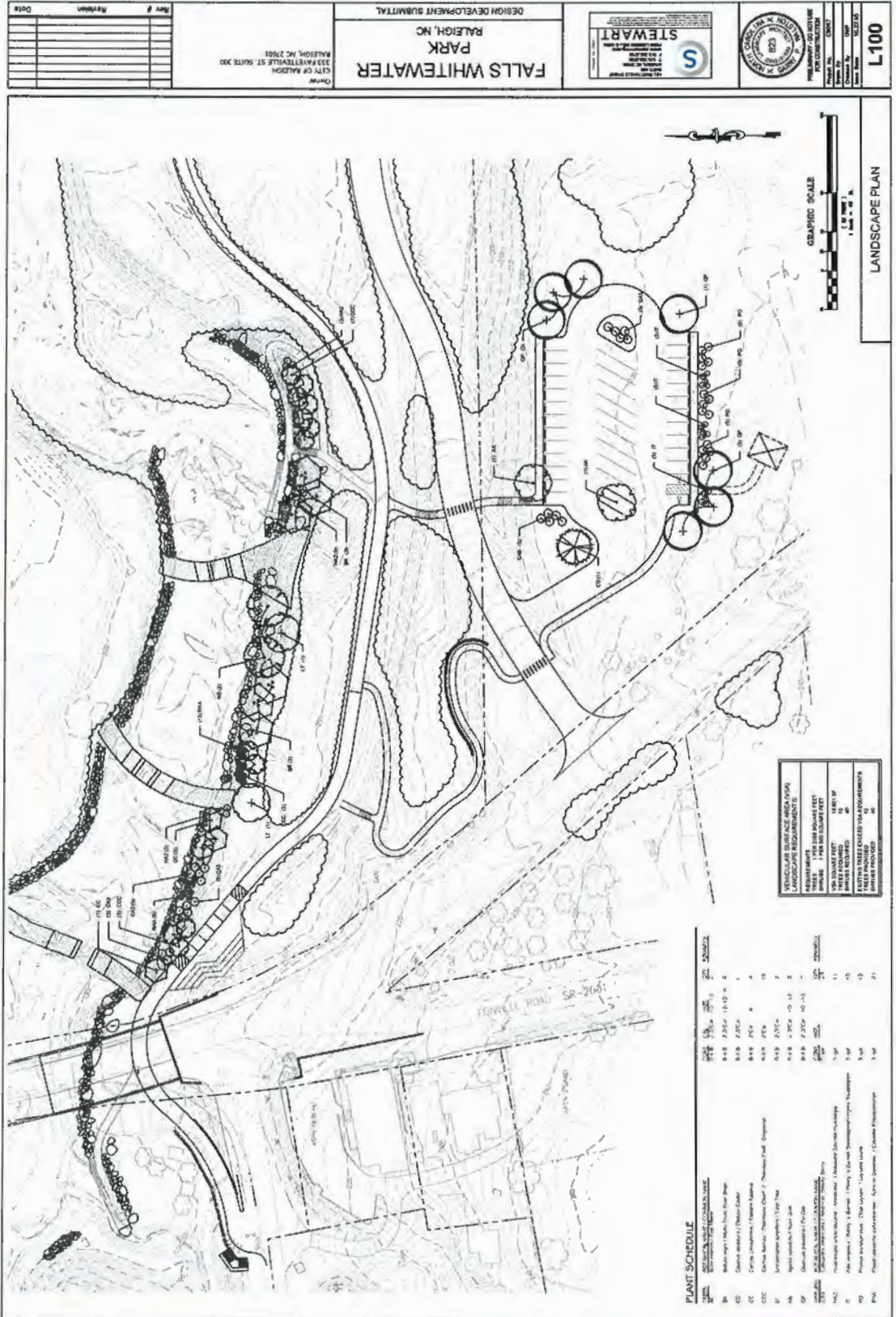


# Grading Plan





# Landscape Plan







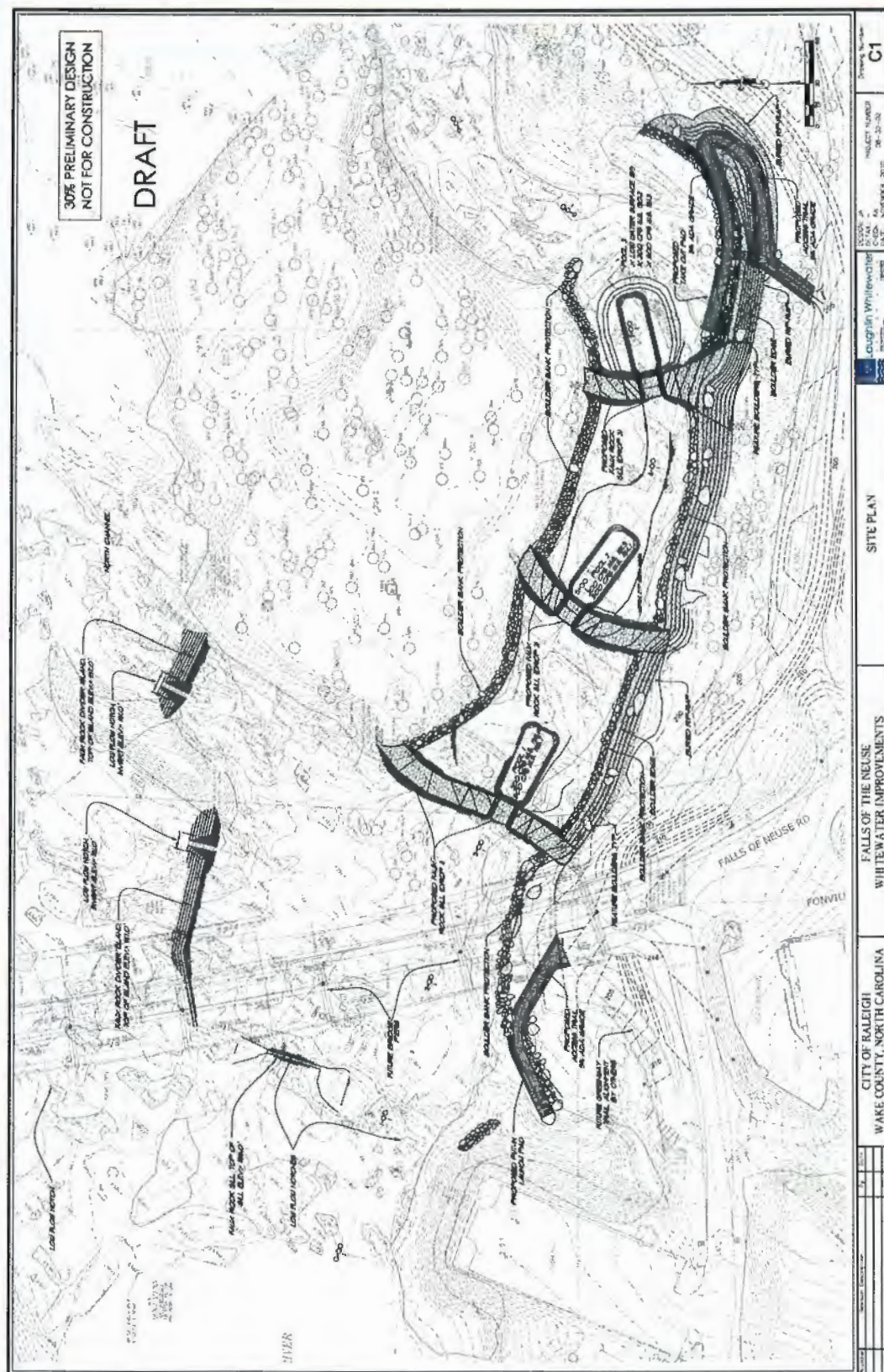


# Falls Whitewater Park

## Course Location





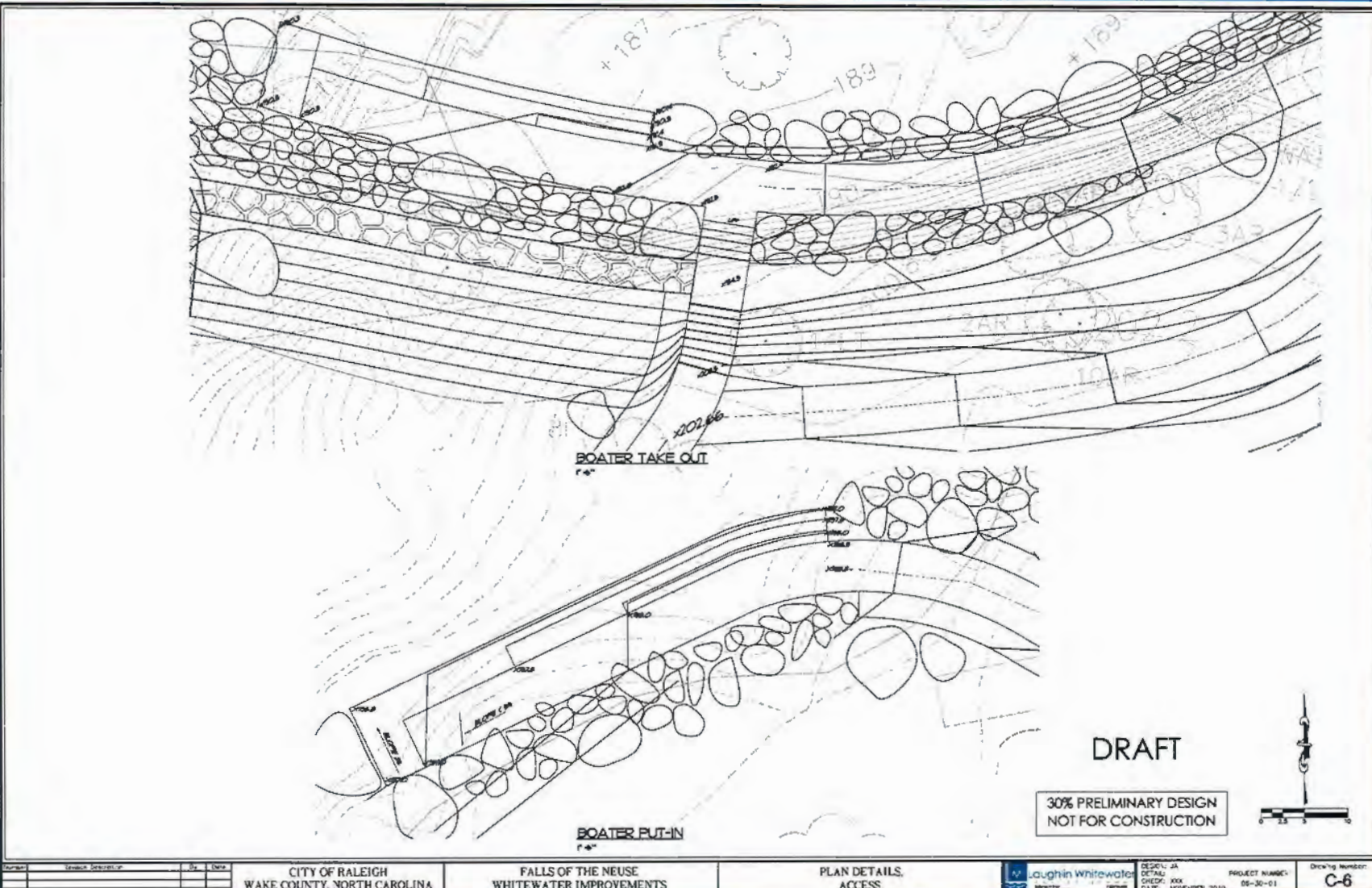








# Access Details





# Faux Rock Details



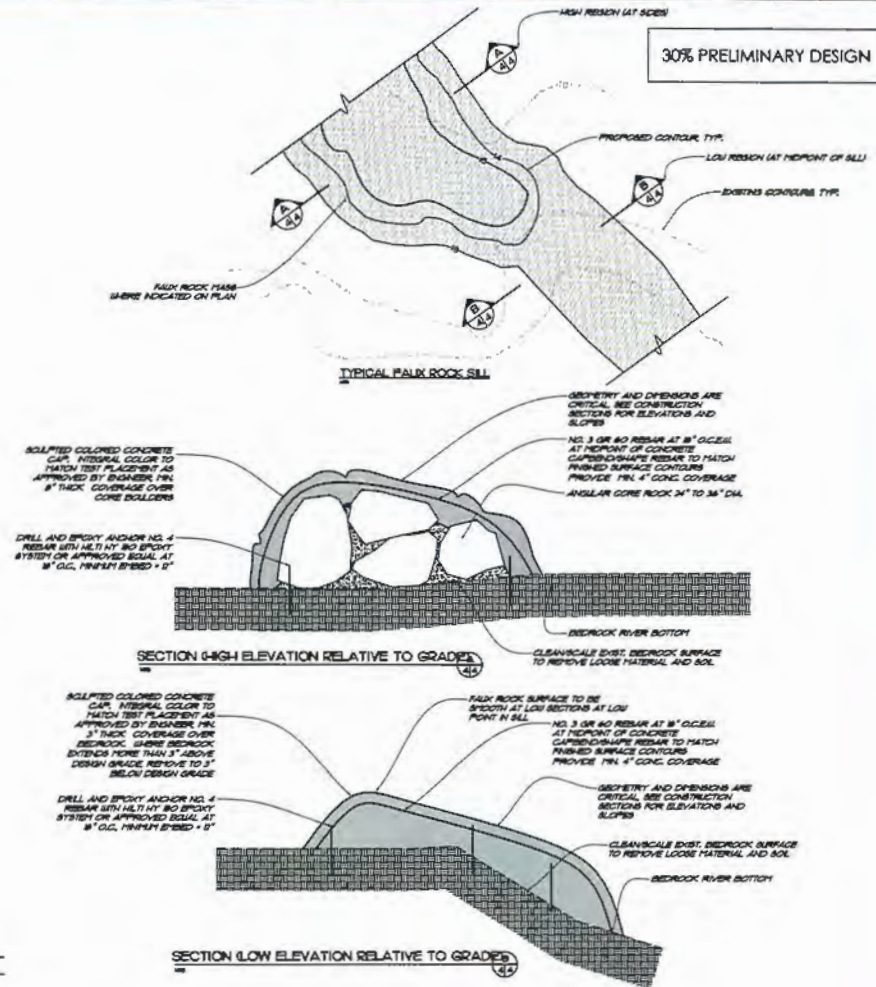
TYPICAL FAUX ROCK MASS-VIEW

NTB



TYPICAL FAUX ROCK COLOR AND SURFACE TREATMENT

NTB



Number	Revision Description	By	Date

CITY OF RALEIGH NC

FALLS OF THE NEUSE WHITEWATER PARK  
WHITEWATER FEATURES DESIGN

FAUX ROCK DETAILS

Laughlin Whitewater

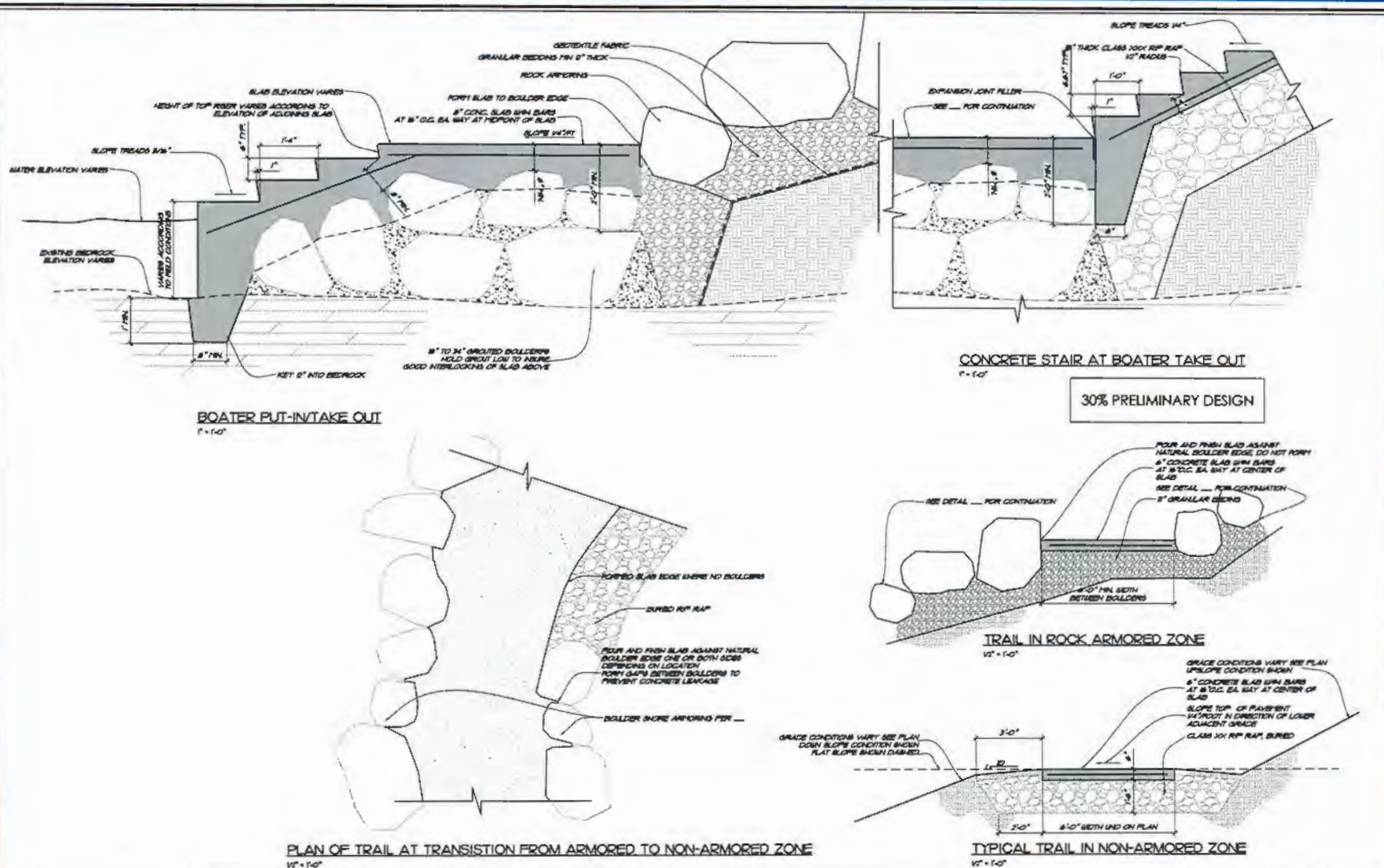
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CHECK: AA  
DATE: November, 2010

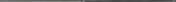
PROJECT NUMBER  
06-30-01

Drawing Number:  
C-5



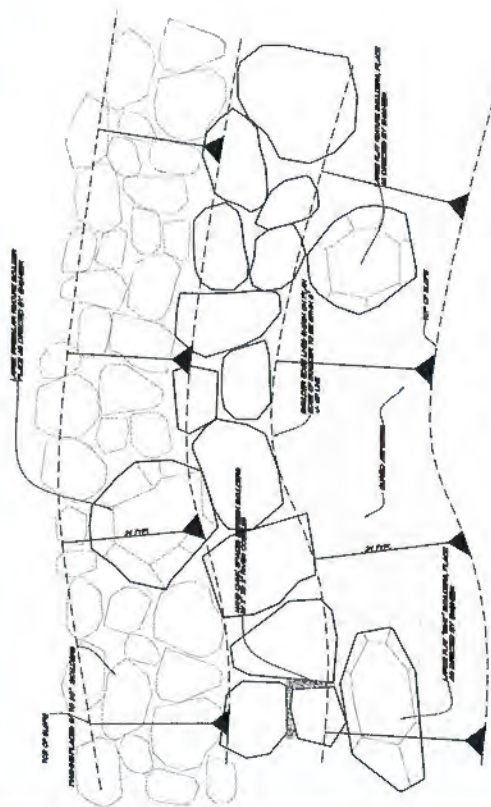
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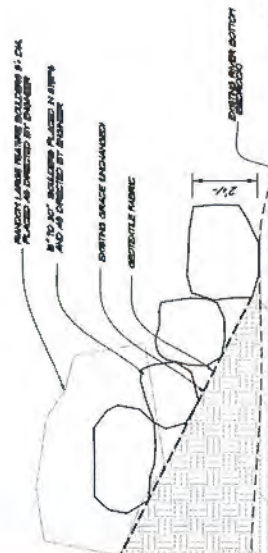
Number	Revision Description	By	Date	FALLS OF THE NEUSE WHITewater FEATURES DESIGN	PAVING AND ACCESS DETAILS	 DESIGN: JA DETAIL: CHECK: XXX DATE: NOVEMBER 2010	PROJECT NUMBER 06-30-01	Drawing Number: C-7
				WHITewater IMPROVEMENTS				

# Bank Stabilization

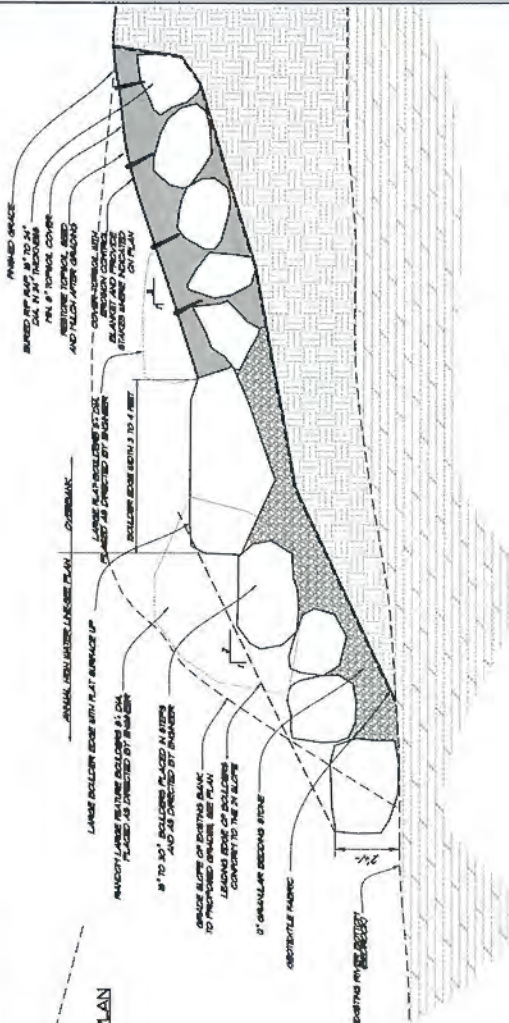
30% PRELIMINARY DESIGN



RIVER RIGHT (SOUTH) BANK ARMORING PLAN



RIVER LEFT (NORTH) BANK ARMORING



RIVER RIGHT (SOUTH) BANK ARMORING

number		description		quantity		unit		price		total		notes		drawing number	
														C-6	
														PROJECT NUMBER 04-20-01	
														PERSON: JH DETAIL: JED CHECK: JED DATE: 04-20-01	
														Loughlin WhiteWater Engineering & Construction	
														FAUX ROCK DETAILS	
														FALLS OF THE NEUSE WHITewater FEATURES DESIGN	
														WHITewater IMPROVEMENTS	



# Total Project Cost

- Projected Cost - \$2,500,000
- Projected Cost includes:
  - Construction
  - Design Fees and other Soft Costs



# Contact Information

## City of Raleigh

Mr. Vic Lebsock, Project Manager  
Parks & Recreation Department  
333 Fayetteville Street, Suite 300  
Raleigh, NC 27601  
[Victor.lebsock@raleighnc.gov](mailto:Victor.lebsock@raleighnc.gov)

## Design Team

Cindy Szwarcop, AICP  
Stewart Engineering, Inc.  
421 Fayetteville Street, Suite 400  
Raleigh, NC 27601  
[cszwarcop@stewart-eng.com](mailto:cszwarcop@stewart-eng.com)

Want to know more about the proposed Falls Whitewater Park?

Please plan to attend the Community Meeting to hear a presentation on the Falls Whitewater Park feasibility study and view the conceptual plan.

---

## Falls Whitewater Park Community Meeting

Wednesday, November 3, 2010

7pm to 8:30pm

Campbell Lodge at Durant Nature Park

3237 Spottswood Drive, Raleigh, NC 27615

(Please enter the park from the Gresham Lake Road entrance).

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If you have any questions in advance of the meeting, please contact:  
Vic Lebsock at [victor.lebsock@raleighnc.gov](mailto:victor.lebsock@raleighnc.gov) or 996-4786  
Cindy Szwarcop at [cszwarcop@stewart-eng.com](mailto:cszwarcop@stewart-eng.com) or 866-4823



# Falls Whitewater Park Community Meeting #3

**November 3, 2010 – 7pm to 8:30pm  
Campbell Lodge at Durant Nature Park**

	NAME AND ADDRESS
1	Tessa Hunt 1500 River MILL Rd #302, Wake Forest, NC 27587
2	JASON CLARK 1500 River Mill Ln. #113, WAKE FOREST, NC 27587
3	BILL ROSE 6148 RIVERSIDE DR, WAKE FOREST, NC 27587
4	Russ Scheve 504 OLIVE BRANCH RD DURHAM NC 27703
5	Diane Saer
6	ANDY MALINOWSKI 701 MONROE DR RALEIGH 27604
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# Falls Whitewater Park Community Meeting #3

November 3, 2010 – 7pm to 8:30pm  
Campbell Lodge at Durant Nature Park

	NAME AND ADDRESS
1	GENE DODD 1500 RIVERMILL #205 WF NC 27587
2	Tom WRIGHT 1500 RIVERMILL DR. #401 WF, NC 27587
3	DAN LEE 1500 RIVERMILL DR #203 WF, NC 27587
4	Carol Banaitre 11405 Falls of Neuse Rd Wake Forest NC 27587
5	Kathy McKee 1907 Park Dr. Raleigh NC 27605
6	Jerry Leonard 1907 Park Dr. Raleigh NC 27605
7	Alisa & Jim King 1612 Rivermill WakeForest 27587
8	BOB ZARZECKI 11925 RAXEN RIDGE RD RALEIGH, NC 27614
9	Jade Wei 9113 Langwood Dr. Raleigh, NC 27617
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# Falls Whitewater Park Community Meeting #3

November 3, 2010 - 7pm to 8:30pm  
Campbell Lodge at Durant Nature Park

	NAME AND ADDRESS
1	LARRY AUSLEY - 6717 VALLEY WOODS LN. CARY, NC. 27519
2	MARK TURNER, PRLA3
3	Sharon Parker 1500 River Mill Dr. #306, Wake Forest 27587
4	Ken Parker " " "
5	Leigh Ann Cienek 9629 Fonville Rd Wake Forest NC 27587
6	Elizabeth Gardner 1806 Bickett Blvd Raleigh NC 27608
7	JULIE BROWN 1500 River Mill Dr #206 WF 27587
8	Charlotte Fouque 1500 River Mill Dr #205 Wake Forest 27587
9	SUSANNAH ROGER 1601 River Mill Dr. WF 27587
10	Rebecca Lanthorne 1500 River Mill Dr. #203 Wake Forest, 27587
11	Cleo Smith - P.O. Box 17127, Raleigh - NC 27619
12	Seth Yearout 2401 Wade Ave, Raleigh NC 27607
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# Falls Whitewater Park Community Meeting

November 3, 2010



# Agenda

- Project Overview
- Public Involvement Process
- Program Elements
- Project Design Presentation
- Questions/Comments



# Project Area

FALLS WHITE WATER PARK  
CONTEXT MAP





# Project Schedule

Meeting #1 (Kick-Off Meeting): January 19, 2010  
Data Collection/River Survey Complete: May 2010  
Preparation of Conceptual Design: May to Mid-July 2010  
Community Meeting #2: July 14, 2010  
Design Development Stage: Late July to Mid October 2010  
Community Meeting #3: November 3, 2010  
Complete Design Development Drawings: Mid-November 2010  
Present Plan to PRGAB: November 18, 2010

# Vision Statement

- “To create a river park that provides multiple water-based recreational and educational opportunities throughout as much of the year as possible with the known historical release levels. The river and its natural habitat will be enhanced and celebrated through the creation of this project.”



# Falls Whitewater Park

## Course Location





# Water Based Program Elements

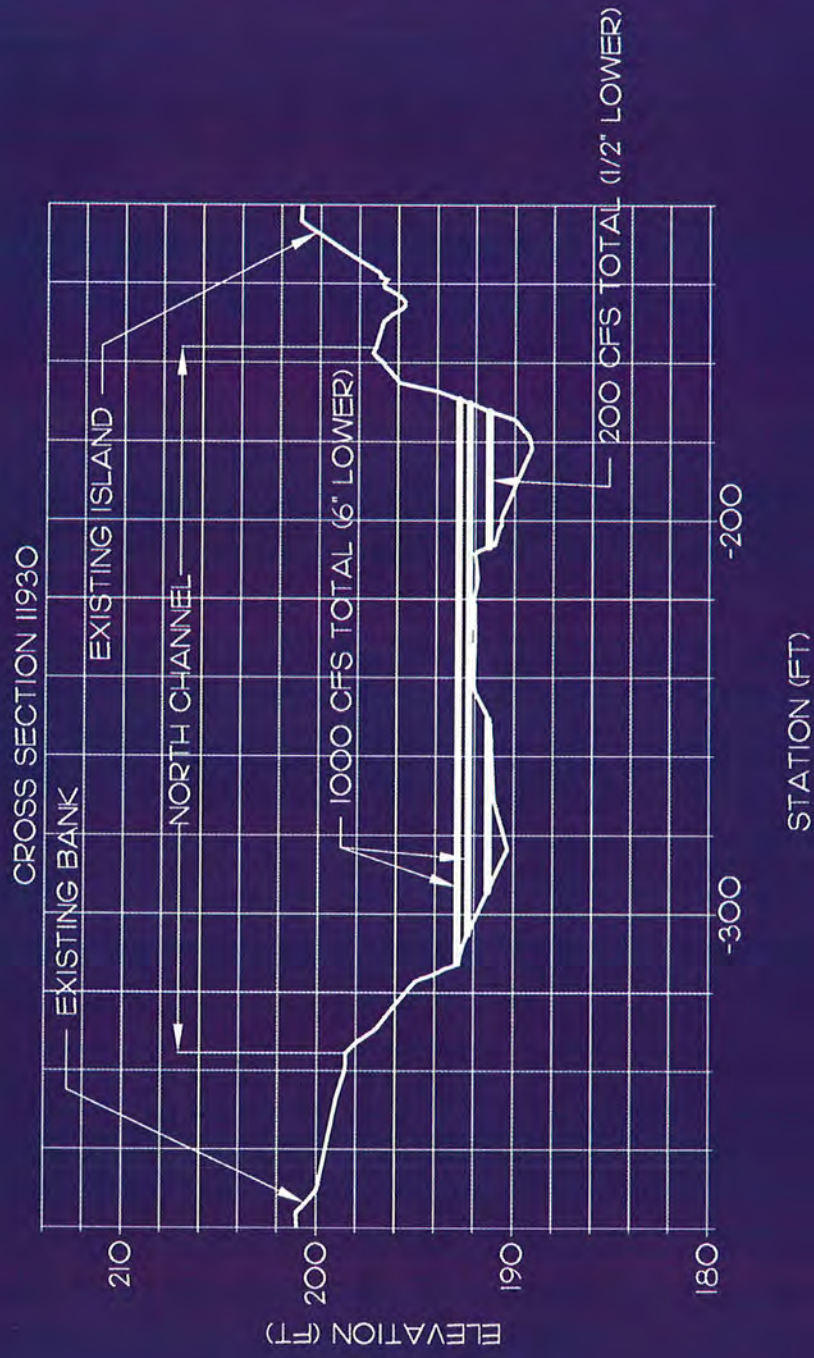
- Recreational whitewater course in south channel;
- Water diversion / Protect low flows in the north channel;
- Surfing waves (2 to 3);
- Pools and calm water;
- Allow multiple users (kayakers, tubers, fishermen);
- Local events and programs;
- Access improvements;
- No impact to the 100 year flood plain;
- No features upstream of the Falls of Neuse bridge;
- No boating or water access within restricted area below spillway;
- Bank stabilization;
- Consideration of fish passage upon potential removal of Milburnie Dam.
- Swiftwater rescue training.

# Updates

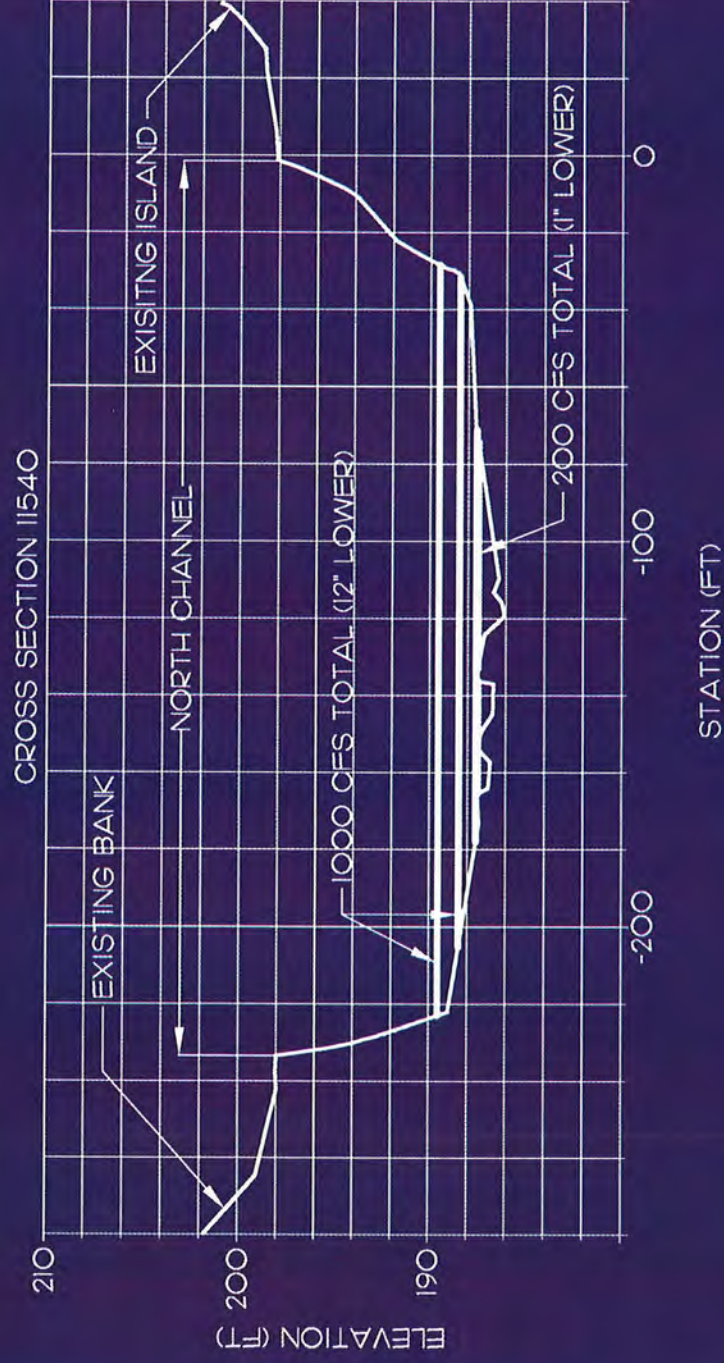
- 2D Hydraulic Analysis
  - Diversion Island is Smaller
  - Number of Boating Days
- Shore Stabilization Aesthetics
- Accessibility



# Impact of Water Diversion Hydraulic Section 11930

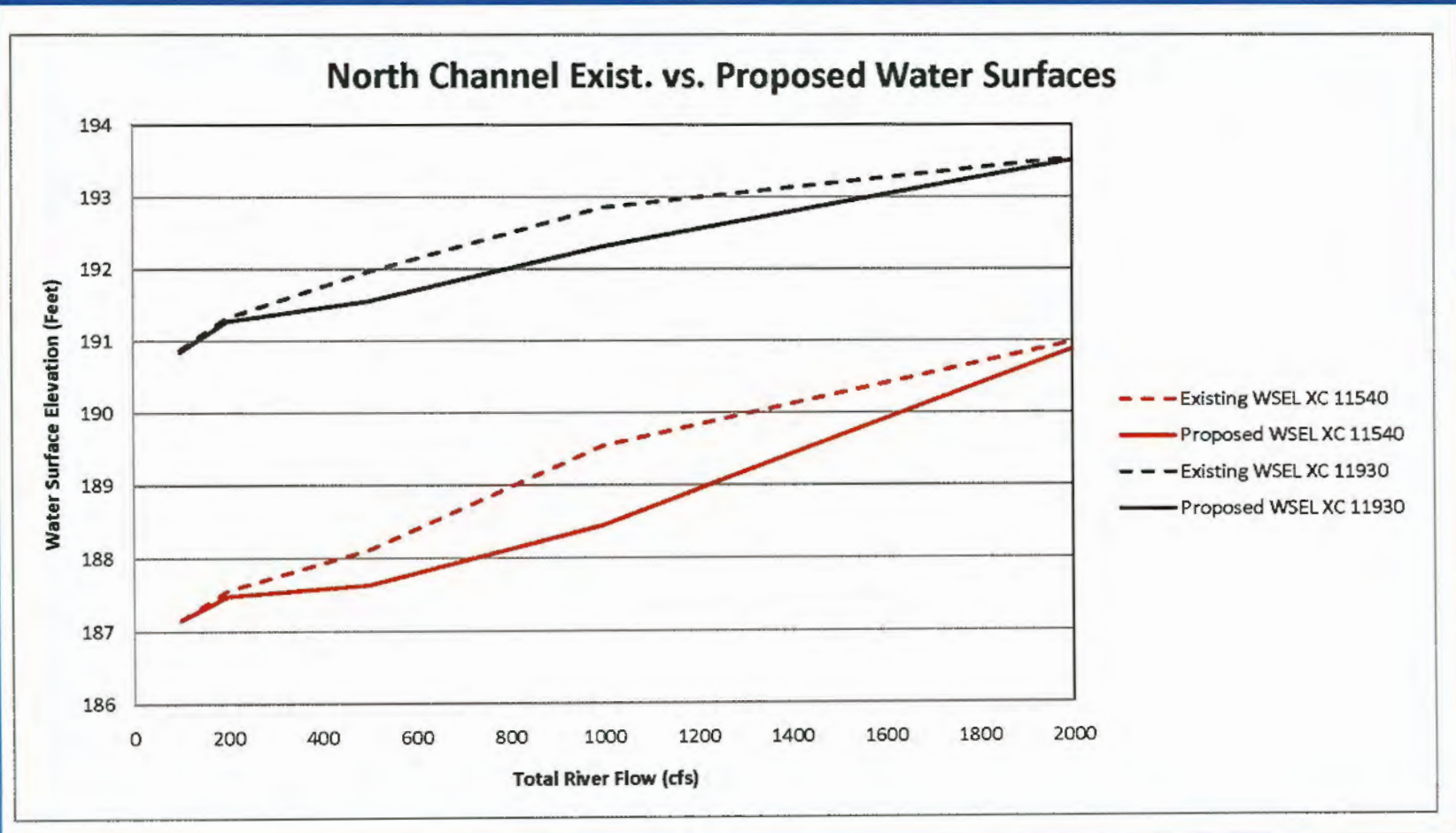


# Impact of Water Diversion Hydraulic Section 11540



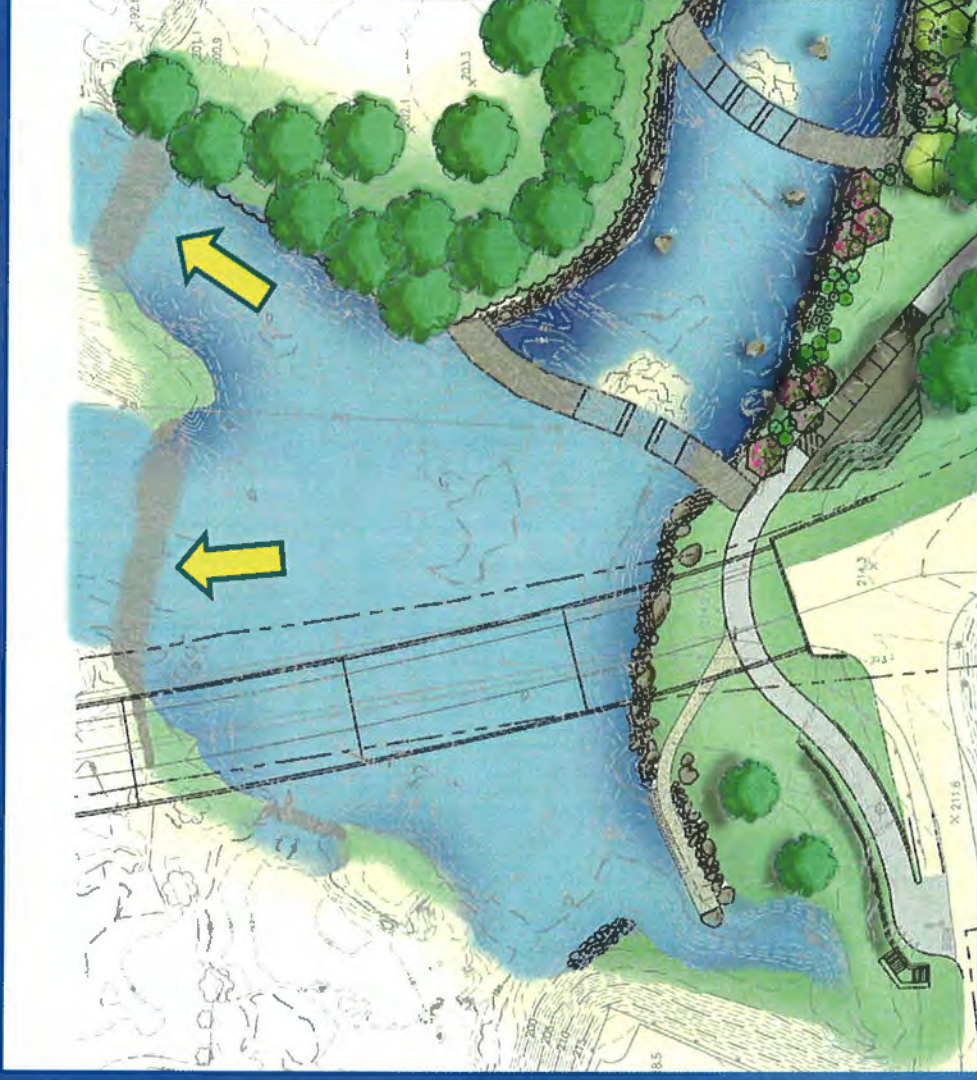


# North Channel Existing vs. Proposed Water Surface Levels



# Diversion Island

- Located further north.
- Minimizes height.
- Minimizes footprint.





# Diversion Island (continued)

- Water enters through low flow notch.
- Water enters south channel.
- Water exits to north channel.



# Additional Boating Days

- 48 days per year without diversion island
- 105 days with diversion island
- Average 117 percent increase



# Bank Stabilization

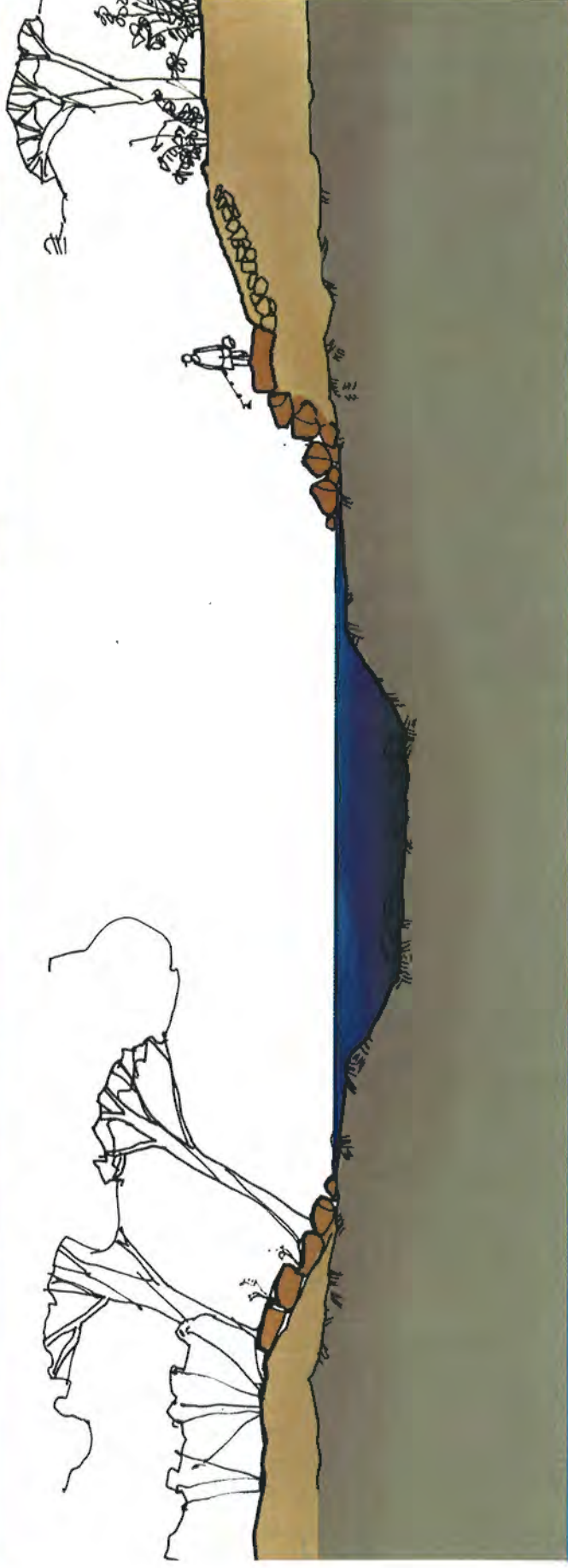
- Existing condition:
  - Bank erosion, especially on the right.
- Proposed condition will add:
  - Additional stress on right banks from water velocity.
  - Additional stress from traffic on right bank.





# Bank Stabilization & Aesthetics

- Proposed stabilization
  - Energy dissipation pools
  - Boulder shore armoring to normal high water
  - Large boulder edge to handle traffic
  - Buried rip rap above normal high water





# Rock Options

River Rock



Quarried Rock





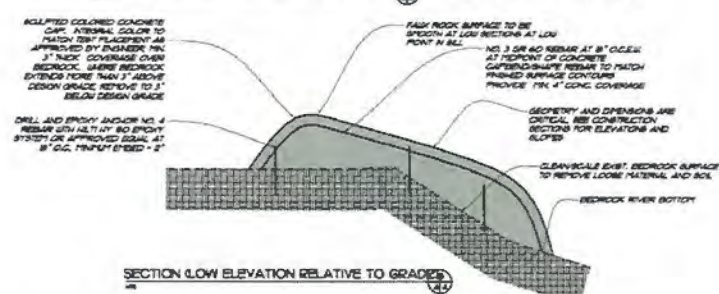
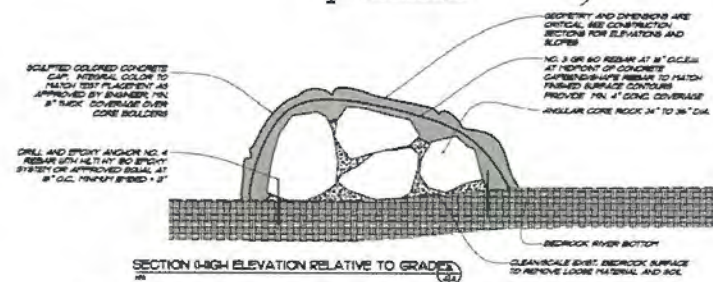
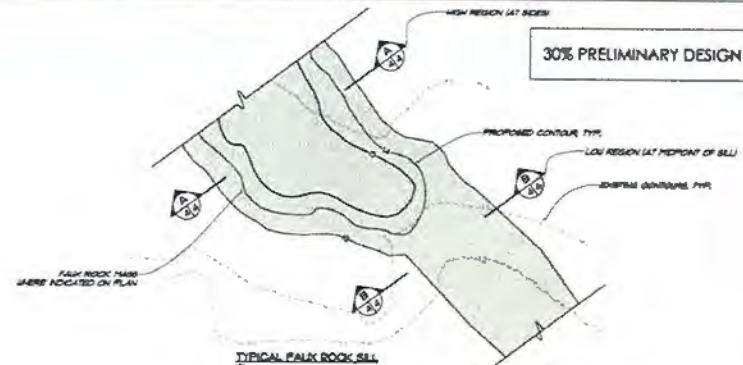
# Faux Rock Details



TYPICAL FAUX ROCK MASS-VIEW  
NTS



TYPICAL FAUX ROCK COLOR AND SURFACE TREATMENT  
NTS



DATE	REVISION	BY	CHK

CITY OF RALEIGH NC

FALLS OF THE NEUSE WHITEWATER PARK  
WHITEWATER FEATURES DESIGN

FAUX ROCK DETAILS

McLoughlin Whitewater  
DESIGN

DESIGNER  
CHECKER  
DATE

PROJECT NUMBER  
DATE  
08-30-07

Sheet Number  
C-5

# Land Based Program Elements

- Access improvements; ➤
- No features upstream of the Falls of Neuse bridge;
- Vegetation;
- Parking;
- ADA accessibility;
- Bathroom/Changing Facility.



[illegible]

SITE PLAN



# Falls Whitewater Park Plan





# Contact Information

## City of Raleigh

Mr. Vic Lebsock, Project Manager  
Parks & Recreation Department  
333 Fayetteville Street, Suite 300  
Raleigh, NC 27601

[Victor.lebsock@raleighnc.gov](mailto:Victor.lebsock@raleighnc.gov)

## Design Team

Cindy Szwarcop, AICP  
Stewart Engineering, Inc.  
421 Fayetteville Street, Suite 400  
Raleigh, NC 27601  
[cszwarcop@stewart-eng.com](mailto:cszwarcop@stewart-eng.com)

City Webpage:

[www.raleighnc.gov](http://www.raleighnc.gov)

Search bar on left side of screen  
Enter: Whitewater Park



## STEWART

**TO:** City of Raleigh Parks and Recreation Department  
Falls Whitewater Steering Committee

**FROM:** Cindy Szwarcokop, AICP

**DATE:** 1/25/2010

**REFERENCE:** Falls Whitewater Steering Committee Meeting #9  
January 24, 2011

**STEWART PROJECT NUMBER:** C09047

### Meeting Attendees:

Shari Bryant, NCWRC  
Sarah King, Paddler  
Elizabeth Gardner, Paddler  
Jade Wei, Paddler  
Bob High, Paddler  
Bob Zarzecki, Paddler  
Tom Wright, River Mill Home Owner  
Kathy Capps, City of Raleigh  
Seth Yearout, City of Raleigh  
Tom Freeman, USACE Falls Lake  
Carol Banaitis, USACE Falls Lake

### Design Team:

Garry Walston, RLA - Stewart  
Cindy Szwarcokop, AICP - Stewart  
John Anderson - McLaughlin Whitewater (via telephone)

### Meeting Agenda:

1. Schedule and Next Steps
2. Corps of Engineers Clarification on Boating/Features Upstream of Bridge
3. Flow Clarification
4. Mechanical Weir Discussion

Cindy passed around three handouts (Powerpoint Presentation, Email from Tom Freeman, and Fish Passage Discussion).

### Cindy opened the meeting and discussed the schedule:

- Final Steering Committee meeting - January 24, 2011
- Present Plan to PRGAB - March 17, 2011 (Public Comment Meeting)
- PRGAB Action Meeting - April 21, 2011
- Present Plan to City Council - May 3, 2011 (Tentative)

### USACE Position on Boating/Features Upstream of Bridge

- Cindy referenced the handout containing the email from Tom Freeman on 11/9/10.



## STEWART

- Tom noted that the first sentence is the best summary – “the short response is the Corps proposes no change in policy regardless of the future status of the proposed park.”
- There will be no additional prohibitions on paddlers to not be able to use the historic paddling areas.
- He believes that boaters will migrate to the new park and away from the existing, historic put-in areas.
- The Corps policy is 500'; the Falls policy is that Falls is a different facility and in a different location than most Corps facilities and as such paddlers and fisherman are prohibited within 150'. Carol Banaitis handed out an aerial with the 150' area delineated.
- The Corps has monitored use by the paddling community and has a speaker system to notify of changing conditions.
- At some point in the future the Corps could change restrictions; however, they do not anticipate prohibiting boating within the historically used area.
- At some point in the future a working group (Corps and paddlers) may be established. It was noted that all agree that at some release levels the area is off limits.
- Tom noted that access and boating further downstream towards the bridge would allow for favorable review by the Corps reviewers.
- Tom Wright asked why there has been a change from September and that minutes should be changed to reflect what was actually said.
- Cindy noted that this is why this topic is being discussed tonight to clear up any confusion, misunderstandings, and to clarify the Corps position if it was misinterpreted or misstated by members of the design team or City of Raleigh. The minutes of tonight's meeting will reflect the position of the Corps and will include Tom Freeman's November 2010 email.
- Tom Freeman noted that if fish up come up this way (if Milburnie Dam is removed) the area will be a more dynamic area for fishing. This could change the dynamics for paddlers because there will be a lot more fishermen in the area. Right now there is fishing, but everything will change with addition of striped bass. This could create a perfect storm and there may be a user conflict between the fisherman and paddlers, if so then the Corps may need to revisit the historical allowance.
- Bob High – does the 150' apply to boaters and fishermen?
- Tom Freeman – the 150' does not preclude bank fishing, only in-water uses. The Corps needs to make sure that they can offer something for every user.
- Kathy Capps noted that there will be other opportunities for working this out in the future via the user group.
- It was noted that we are considering a lot of “ifs.”

Cindy mentioned that during a call today, Tom Freeman asked if he could add an agenda item. Tom asked that Carol Banaitis lead the discussion.

- Carol noted that at the November Community Meeting it was noted that the armoring/stabilization of the north shore was eliminated from the plan. She noted that the Corps liked the armoring/stabilization because it would help with the ongoing shore erosion beside River Mill.
- The Corps would like this to be revisited.
- From an agency perspective, the Corps is advising that the armoring/stabilization of the north shore make the overall project more appealing.
- Tom Wright noted that River Mill was reluctant to endorse the north shore stabilization because they want it separate from the FWWP project. They would like it to be addressed by the Wilmington office since there is already erosion.
- Tom Freeman – Regardless of who writes the check, it will still be a Corps project. The Corps will not write a blank approval check – there must be close coordination with Corps staff, perhaps utilizing a City of Raleigh design firm. There will be close scrutiny by the Corps and other resource agencies. Tom Freeman would like to impress upon the Steering Committee that it would be as close to the Federal Government doing it if it is done through this project.
- There is no money in the Corps budget to do the bank stabilization.
- This is an opportunity of a lifetime to have this done as part of the FWWP project. Need to take advantage of this opportunity now.
- Bob Zarzecki noted that we could take advantage of the fact that we will already be working in the river – can utilize creative construction techniques.



## STEWART

- Tom Wright noted that his community is against diversion of water from north to south channel. They understand that bank stabilization is needed, but believes that this is a quid pro quo.
- Tom Freeman noted that this is an opportunity.
- It was noted that there are erosion problems at 3,000+ cfs.
- **Elizabeth Gardner moved that to add the north shore stabilization back into the project. Bob High seconded the motion.**
- Tom Freeman noted that he or others from the Corps would be happy to meet with the River Mill HOA group to discuss and give the perspective of the budget – they can't see a future where it will be a federally funded project.
- Tom Wright – River Mill has come along way in their thinking of the project. Some residents are okay with the features in the south channel as long as there is no diversion from the north channel. He mentioned that they are concerned about their package plant.
- Sarah King – agree that the north shore stabilization would benefit the community, but if River Mill does not want it included then she will be against the motion.
- Bob Zarzecki noted that this will all be decided during permitting stage.
- Tom Wright – River Mill may end up with something that they don't like (stabilization techniques).
- Kathy Capps noted that there was a motion on the table and there has been discussion. Tom Wright noted that River Mill is concerned about erosion they just want it to be a separate issue.
- **Vote on motion to include north shore stabilization as part of the project – 7 Yes, 3 No, 1 Abstain.**

### Flow Clarification

- John Anderson detailed slides 5 through 11.
- Updated Hydrologic Analysis – John noted that information was based on data from 25 years and that this information corrects earlier data calculated on 20 year data. The total number of days changed but the proportions remained the same.
- The purpose of the movable diversion weir is to alter flow back to normal during the months of fish passage (March, April, and May). The movable diversion eliminates 30 boating days (increase in boatable days decreases from 125% to 39%) because the movable diversion takes away the prime boating times.
- Slide 6 is in response to Elizabeth's request. There would be 165 days at 50 cfs. Diversion is not very effective at very low flows of 50 cfs. It is understood that at 50 cfs days you can navigate the area with canoe, kayak, tube, etc.
- Slide 7 – Red and green lines show days with diversion. Red is with the diversion island. Green is with the mechanical diversion.

### Mechanical Diversion Weir Discussion

- Bob Zarzecki asked about the number of boating days and if the data included hourly data.
- John Anderson noted that the analysis looked at 200 cfs at any point in the day, no hourly data analysis. They took the daily average from the USGS website. It is acknowledged that there are times during the day when the flow changes.
- Bob Zarzecki asked if the moveable gates are passable. Yes, it is boatable. The water would flow over the gate and there would be a surfing wave.
- Cindy asked the Committee to look at the Fish Passage Discussion handout and asked the Steering Committee to remember back to November when there were motions regarding a mechanical diversion weir and fish passage sent around for consideration. Cindy read a motion that was offered by members of the Steering Committee: **"It is the opinion of the NCWRC that if Milburnie Dam should be removed, diadromous fish might traverse up river to the Falls Whitewater Park. The Steering Committee is amenable to design elements if necessary that allow for the passage of diadromous fish up river, should this dam be removed. The details of which will be resolved during the environmental review and permitting process."**
- John Anderson noted that the diversion criteria did not address fish passage. The design team did not get any push back from the committee on this. There would be a net zero gain if the mechanical diversion weir is installed and then the days are taken away to accommodate fish passage.





## STEWART

- John asked about altering the diversion criteria. By being less aggressive with a fixed diversion island could end up with an increase in boatable days and won't need the movable crest dam.
- Shari Bryant would like to see the numbers to review.
- John Anderson to email the new slides and information to Cindy to send out the Steering Committee. (Information emailed to Steering Committee on 1/25/11).
- John noted that it was counterproductive to go with aggressive diversion and include a mechanical weir. It would be better to go with less aggressive diversion, no crest gate, and still obtain an increase in boatable days.
- Bob Zarzecki noted that the change in diversion doesn't really change the motion. He asked John to detail the changes to the diversion weir with less aggressive diversion. Think of the weir as a bath tub with a hole in the bottom. There are two tools for designing the weir – shrink/increase the size of the hole and/or raise/lower the lip of the weir.
- Kathy Capps sees this as a potential positive – less diversion from north channel, more boatable days than with the mechanical weir, less cost, and fish passage in the north channel.
- Tom Wright noted that the comments from the NCWRC are very important.
- **Kathy Capps asked for a motion. Shari Bryant noted that she could accept the stated motion with the following addition/revision:**
  - **"It is the opinion of the NCWRC that if Milburnie Dam should be removed or other fish passage provided around Milburnie Dam, diadromous fish might traverse up river to the Falls Whitewater Park. The Steering Committee is amenable to design elements if necessary that allow for the passage of diadromous fish up river, should this dam be removed or other fish passage provided around Milburnie Dam. The details of which will be resolved during the environmental review and permitting process."**
- Tom Wright asked if the design elements should be defined now.
- **Kathy asked for a vote on the amended motion. The motion passed unanimously 11 for and 0 against.**

### Meeting Wrap-up and Schedule:

- What is the schedule and role of the Steering Committee going forward after the May 3<sup>rd</sup> City Council meeting?
- Kathy noted that the Committee plays the role of public dissemination of information.
- It is important for the SC members to attend the PRGAB and City Council meetings.
- After the City Council acts on the plan, then the project moves to the next phase – the Council could: approve, approve with changes, deny, or send to committee for further study.
- After Council action the project moves to fundraising stage.
- Sarah King asked if there will be a budget? It was noted that the Master Plan will include a cost estimate.
- Will the Steering Committee still be engaged? Kathy noted that the committee work is complete. The Committee may be revisited in the future – perhaps a smaller subset or a different group of people. It will be an informal process and Stewart Engineering's contract is complete with this phase of the project.
- Bob Zarzecki asked about funding. He understood that there was a pool of money for the overall project. Is there any money left after paying Stewart and McLaughlin? What has been spent to this point?
- Could the Steering Committee use the remaining funds? Kathy noted that that would be a question for Vic.

March 17, 2011 – PRGAB Presentation – public comments will be allowed.

April 21, 2011 – PRGAB Action Meeting – no public comments allowed.

May 3, 2011 – City Council Meeting – public comments will be allowed.

The PRGAB meetings are held at the Jaycee Module. Kathy will check with Diane Sauer to see if the meeting should be moved to a larger space. The Steering Committee will be notified/reminded of the meeting times and locations.



**STEWART**

Attachments: 1/24/11 Powerpoint presentation  
Tom Freeman email  
Fish Passage Discussion  
Corps of Engineers aerial  
Alternative Flow Slides developed by John Anderson



## STEWART

**TO:** City of Raleigh Parks & Recreation Department  
Falls Whitewater Steering Committee

**FROM:** Cindy Szwarcop, AICP

**DATE:** 11/10/10

**REFERENCE:** Falls Whitewater Park Community Meeting #3  
November 3, 2010

**STEWART PROJECT NUMBER:** C09047

**Meeting Location:**

Durant Nature Park, Campbell Lodge

**Meeting Time:**

7pm to 8:30pm

**Meeting Attendees:**

The following 28 people signed the guest attendance log:

Tessa Hunt  
Jason Clark  
Bill Rose  
Russ Scheve  
Diane Sauer  
Andy Malinowski  
Gene Dodd  
Tom Wright  
Dan Lee  
Carol Banaitis  
Kathy McKee  
Jerry Leonard  
Alisa King  
Jim King  
Bob Zarzecki  
Jade Wei  
Larry Ausley  
Mark Turner  
Sharron Parker  
Ken Parker  
LeighAnn Cienek  
Elizabeth Gardner  
Julie Brown  
Charlotte Fouque  
Susannah Koger  
Rebecca Lanthorne  
Cleo Smith  
Seth Yearout

**City of Raleigh and Design Team Attendees:**

Vic Lebsock – City of Raleigh  
Kathy Capps – City of Raleigh  
Garry Walston, RLA - Stewart  
John Jenkins, PE - Stewart  
Cindy Szwarcop, AICP – Stewart  
John Anderson, McLaughlin Whitewater



## STEWART

### Meeting Agenda

1. Project Overview – Cindy Szwarczkop
2. Public Involvement Process – Cindy Szwarczkop
3. Program Elements – John Anderson and Garry Walston
4. Project Design Presentation – John Anderson and Garry Walston
5. Questions/Comments

The following questions/responses and statements were noted after the presentation:

- Would the mechanical weir be movable?
- Discussion related to the decrease in the number of boating days. The hydraulic study was explained. 150cfs is needed without the diverter to create whitewater condition.
- How will water be handed during construction?
- Is there a precedent for bank stabilization?
- What about River Mill bank stabilization? It was noted that the River Mill representative, Tom Wright, noted that River Mill was not interested in bank stabilization through this project and that it should be considered as a separate manner.
- John Anderson with McLaughlin Whitewater explained how armoring improves erosion.
- What about the grade of the parking area? Can this area be expanded if needed? The area to the east is relatively flat so this area could serve as an area for future expansion.
- Is there a put in for canoes? No, the existing canoe launch will remain.
- Will there be an EIS? A full environmental study will be required when the project is progressed to permitting stage.
- Funding? The project is not funded at this time. The paddling community offered to look for grants.
- Schedule? The earliest timeframe for the project is 2013 to 2014 to start.
- Ballpark cost estimate? \$2.5 to \$3 million based on current year construction cost estimates.
- What is the current river level? 100 cfs at this point. It is a low water level.
- Will there be a dry river bed? No impact at this water flow.
- Will there be a guaranteed water flow? Guaranteed not to pull under a certain CFS.
- The Corps never stops releases. 100 cfs is low release but that is the level for most of the year.
- There is a point at which there will no change in the river elevation. The flow has to reach a point to even be diverted.
- Flow at mid-rate = 12 inches. River Mill community enjoys this area at these levels at medium flow going to south channel.
- What is the threshold (flow level) for people to get in?
- Why should River Mill be in favor of this project?
- Most of the boating days are in winter and spring. Only reliable water is during these time periods.
- Tom Wright – with a diversion island with low flow does water get diverted? Think of this as a “leaky dam” – water spills through, at very low flow water will not over top and high flow the water will over top.
- There is a concern regarding the noise that kayakers will make at the park.
- There is a large non-whitewater community that uses this area for paddling – they are concerned about the cost of the project.
- Could the shape of the island be augmented/changed to make both River Mill residents and future kayakers happy? The project is adding bedrock to the channel to modify the channel.
- Could areas to the north of the island be manipulated? The WWP is sited to allow for access from public property.
- Is there anyway to increase water on the north side? Eliminate the diversion island; put drops in north of the bridge; however these may be in the USACOE restricted area. The design team has worked within the constraints given – the natural drop in the river is where the park should be built.
- What about the structures to create water features? There will be no access



**STEWART**

- to the island. This project will not make it easier to get to the island.
- Who will maintain the park? The City of Raleigh Parks & Recreation Department.
- How many roads will access the site?
- There currently is no security at gate to the canoe launch. Is there a plan to change the security approach? The gate is there to block access to river during high flood events.
- What will the hours be? Dawn to dusk. The park will be posted with hours of operation and if people are found after-hours they will be considered as trespassers.
- There has been an enforcement dispute in the past in this area. Now the City of Raleigh police department patrols the area.
- It was noted that "no lighting" was one of the requirements of the project.
- How often would this park be used? 105 ideal usage days.
- How can you plan events when the park will only be open ¼ of the year?
- There will be no scheduled releases to facilitate events.
- It was noted that a lot of the recreational users look at the levels and make the decision to go or not to go.
- The new park could be used for classes and swiftwater rescue training.
- Why couldn't the park be put on the other side of the bridge? USACOE would not allow the park so close to the conduit.



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Comment	Name	Address	Email
Define "enhance" and to what ends are we enhancing? Paddle Sports Facility. Can we get a copy of the flow chart slides and powerpoint presentation?	None Provided	None Provided	None Provided
I am against this water park. This project is only going to benefit a very small group of people and only for a small fraction of the year. The impact will be negative to the natural beauty and create eyesores to residents of the area who are here every day of the year. The environmental impact is not worth sacrificing for play for a few people. Taxpayer money would be better spent to help more people with less impact to birds, fish, and plants in the area.	Marie Guziejka	1500 River Mill Drive, #303, Wake Forest, NC 27587	<a href="mailto:mguziejka@kerrdrug.com">mguziejka@kerrdrug.com</a>
Potential name should encompass multiple user groups -- a suggestion could be Falls of Neuse Recreation Area. Emphasize this is an augmentation of existing features. Project will increase user groups by including education, multi-level paddling/tubing, fishing (could be improved with riffle/pool systems) -- will not exclude current user groups. Ecological integrity of the river system (locally & downstream) is critical to all players/partners -- this includes stabilization after/during construction, keeping it as natural as possible. Very constructive meeting - thank you for setting everything up and for all the thought that obviously went into this.	Sarah King		<a href="mailto:sarahking78@gmail.com">sarahking78@gmail.com</a>
I think the park is a great idea. It can help the soil erosion and other environment impact problems. And I am looking forward to paddling it. Thank you.	Andy Malinowski	701 Monroe Drive, Raleigh, NC 27604	<a href="mailto:malinowskiandy@yahoo.com">malinowskiandy@yahoo.com</a>
I oppose this project. It is fiscally irresponsible to spend an unknown amount of money to build a 600 ft. run that is only usable when the flow is high enough for such a small number of people.	Roberta Forbes	1500 River Mill Drive, #112, Wake Forest, NC 27587	<a href="mailto:robertaforbes@mac.com">robertaforbes@mac.com</a>
This is a great idea for Raleigh. I am excited about what these improvements will bring to the area in regards to fishing, boating, and overall enjoyment of the area.	Brian Breedlove	714 Kimbrough St, Raleigh, NC 27608	<a href="mailto:brianunc@hotmail.com">brianunc@hotmail.com</a>
The park looks great. Big plus for Raleigh. Great for families.	H H Hancock	2624 Wells Avenue, Raleigh, NC 27608	None Provided

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I am an international river, flatwater, and ocean paddler. I've been paddling the Neuse for 20 years. I am in complete opposition of this project. It is a selfish small interest group project designed to serve a very small group and the taxpayers resources for this are, frankly a complete sham. Our Sheriff just announced that deputies will probably be laid off, Wake schools are underfunded and so are many City issues that would serve a much broader range of taxpaying citizens. Furthermore, the environmental impact studies of this are far reaching. "Diverting" or controlling water flow should be out of the question, period. Streamflow should have to remain the same to both sides of the river. The reasons are numerous. The impact on hunting grounds for animals and birds of prey would be terrible. Spawning grounds would be permanently destroyed. Bridging to an island that has been a solice for wildlife for ages should be absolutely done away with!	Rodger Shamblin	1500 River Mill Drive, #304, Wake Forest, NC 27587	<a href="mailto:neusemusic@yahoo.com">neusemusic@yahoo.com</a>
Could be an opportunity to introduce new populations to a recreational activity not available now. Since flows will not be changed, there will still be lots of days for and areas for folks who like to fish, wade or enjoy the river, not boating. Maintaining health of the river is important. Public areas are important and any enhancement to provide enjoyment for additional uses brings more benefits to the area.	None Provided	None Provided	None Provided
I feel that the bond/taxpayers money from the City of Raleigh is being used on a project that only 100's of Raleigh citizens will use vs. projects such as swimming pools that 10's of 1,000's of Raleigh citizens will use.	Mike Davis	700 Macon Place, Raleigh, NC 27609	<a href="mailto:mikedavis17@hotmail.com">mikedavis17@hotmail.com</a>
Looks great! Keep going!!	Tom Blue	400 Tinkerbell Rd, Chapel Hill, NC 27517	<a href="mailto:tom.blue@elliswinters.com">tom.blue@elliswinters.com</a>
Good info shared on proposal. As a paddler, I would love any enhancements that allow more days on the water. Thanks for organizing.	Matt Daniels	500 Churchwood Ln, Pittsboro, NC	<a href="mailto:mattyd01@hotmail.com">mattyd01@hotmail.com</a>
Initial plans are good. Along with boating options I see added value for swift water training and improved fishing downstream. I would be in heaven with one bluntable wave and a loopable hole. Glad to see this coming into reality!	John Stevenson	2306 Lyon St, Raleigh, NC 27608	<a href="mailto:jt.stevenson@gmail.com">jt.stevenson@gmail.com</a>
I live in the Rivermill community and am very concerned about this proposal. Right now life at the Mill is very quiet and enjoyable. At any given moment you can enjoy a leisurely stroll and see many types of wildlife. The view from my unit is breathtaking. My concerns involve the possible water diversion, the destruction to our side of the bank, the traffic along our side, the possible deterioration of the island. It seems to me this is a large amount of money for a small exclusive group. Paddlers have the right to paddle but we also have the right to our quiet life at the Mill.	Sheri Knight	1500 River Mill Dr., #303, Wake Forest, NC 27587	<a href="mailto:slknight62@yahoo.com">slknight62@yahoo.com</a>
Everything looks great! I look forward to this being completed. It will be a big bonus for the area.	John Grimes	10312 Whitestone Road, Raleigh, NC 27615	<a href="mailto:jogremmy@yahoo.com">jogremmy@yahoo.com</a>

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Please put more funding toward the greenway along the river, for the many who could enjoy the beauty of this area. Scrap the white water park, which puts phony rock among the natural rock, diverts water which gives us much-loved rapids on the north side of the island & takes away our chance to put kayaks in and paddle ourselves. We love the river and live there 24/7 so this negatively impacts 51 homeowners and their families more than it can ever benefit the few who visit occasionally.	Sharron Parker	1500 River Mill Dr., #306, Wake Forest, NC 27587	<a href="mailto:parkersharron@aol.com">parkersharron@aol.com</a>
<b>Comments from Vic/Cindy Station</b>			
Parking/traffic concerns			
Diverters to divert water from the north bank adjacent to River Mill Condos. Implications to the wastewater plant.			
Why should paddlers dictate what is being done here? Why shouldn't they?			
Implications to the natural environment/ecology.			
Protect River Mill's ability to paddle/kayak from their shore.			
Pedestrian bridge to island - concern about trash. Consultant should study feasibility of the bridge.			
Feasibility issues - water releases/hydrology			
Fishing (access to fishing, etc.)			
Utilization?			
Stream bank protections			
Protection of the natural beauty			
Erosion issues			
Large impact for small group (small groups that are not there like the residents.			
Introduce the sport to a diverse population.			
Consider the "experience" from the River Mill side. View should remain the same...which means no visible street lights or barriers that mar the natural look and sufficient flows.			
At what point is this project justified? How many days?			
Local landowner - closest neighbor didn't get invite to participate on the steering committee. 1 year ago the White Water Park committee met with the River Mill HOA and were promised to be included in the process. River Mill would like a seat the steering committee table.			

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This project is only going to benefit a small group of people and only for a small fraction of the year.	According to City of Raleigh instruction records, there were over 1,872 kayak participants over the past three years. This is an average of 624 per year. A whitewater facility in this location would allow the City to expand it's recreational programming. In addition, Paddle Creek sends over 4,500 people down the Neuse River each year. The Carolina Canoe Cub holds 20 novice clinics per year and three swiftwater rescue classes per year. It is anticipated that with enhanced access the Canoe Club will hold more clinics.
The environmental impact is not worth sacrificing for a few people.	If the project progresses past the feasibility study stage, a full NEPA document detailing potential impacts will be prepared.
I am in complete opposition of this project. It is a selfish interest group project designed to serve a very small group.	Comment Noted.
It seems to me this is a large amount of money for a small exclusive group.	The money allocated for this project is only for the feasibility study. No money has been allocated for construction of the project.
We love the river and live there 24/7 so this negatively impacts 51 homeowners and their families more than it can ever benefit the few who visit occasionally.	Comment noted.
Why should paddlers dictate what is being done here?	The paddling community approached the Raleigh City Council to ask that a feasibility study be completed. The Council and Wake Board of Commissioners jointly funded the study via bond money.
Why shouldn't paddlers dictate what is being done here?	The paddling community approached the Raleigh City Council to ask that a feasibility study be completed. The Council and Wake Board of Commissioners jointly funded the study via bond money.
Who is the paddling community?	Anyone who paddles in and around the area. Most often used as a term to refer to members of local paddling clubs and/or organizations who use their voices collectively to further their interest in paddling opportunities, river quality issues, fishing and more.
What is the paddling community influence?	The Falls Whitewater Committee approached the Raleigh City Council to ask that a feasibility study be completed. The Council and Wake Board of Commissioners jointly funded the study via bond money.
Large impact for small group (small groups that don't live there like the residents of River Mill).	According to City of Raleigh instruction records, there were over 1,872 kayak participants over the past three years. This is an average of 624 per year. A whitewater facility in this location would allow the City to expand it's recreational programming. In addition, Paddle Creek sends over 4,500 people down the Neuse River each year. The Carolina Canoe Cub holds 20 novice clinics per year and three swiftwater rescue classes per year. It is anticipated that with enhanced access the Canoe Club will hold more clinics.
I feel that the bond/taxpayers money from the City of Raleigh is being used on a project that only 100's of Raleigh citizens will use vs. projects such as swimming pools that 10's of 1000's of Raleigh citizens will use.	The whitewater park feasibility study was funded via the bond referendum.
I oppose this project it is fiscally irresponsible to spend an unknown amount of money to build a 600 foot run that is only usable when the flow is high enough for such a small number of people.	The whitewater park feasibility study was funded via the bond referendum.
Taxpayer money would be better spent to help more people with less impact to birds, fish, and plants in the area.	The whitewater park feasibility study was funded via the bond referendum.
The taxpayers resources for this project are frankly a sham. Our Sheriff just announced that deputies would probably be laid off Wake schools are underfunded and so are many City issues that would serve a much broader range of taxpaying citizens.	The whitewater park feasibility study was funded via the bond referendum.
Please put more funding toward the greenway along the river for the many who could enjoy the beauty of the area.	The Neuse River Trail is under construction with a project completion date of late 2012.
Why invest in a park that doesn't generate revenue?	The purpose of the Raleigh Parks & Recreation Department is to actively encourage, provide, promote and protect quality leisure, recreation and cultural opportunities, facilities and environments that are essential for the enhancement of the lives of our citizens.
Why invest in this park? Why not upgrade the area to make the area better?	Investing in a whitewater facility would upgrade the area. If the park is developed it would be done in a way that would stabilize the stream banks, protect the native vegetation and habitat, and encourage positive use of the area.
Economically, it doesn't make sense, even in this planning stage, as it would affect so few.	According to City of Raleigh instruction records, there were over 1,872 kayak participants over the past three years. This is an average of 624 per year. A whitewater facility in this location would allow the City to expand it's recreational programming. In addition, Paddle Creek sends over 4,500 people down the Neuse River each year. The Carolina Canoe Cub holds 20 novice clinics per year and three swiftwater rescue classes per year. It is anticipated that with enhanced access the Canoe Club will hold more clinics.

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What is the cost of the project?	Cost estimates will be prepared as part of the feasibility study.
Project will increase user groups by including education, multi-level paddling/tubing, fishing (could be improved with riffle/pool systems).	Yes, a variety of programs can be offered to all members of the community.
Could be an opportunity to introduce new populations to a recreational activity not available now.	Agreed.
Introduce the sport to a diverse population.	Yes, programs can be offered to all members of the community.
How many users per year are anticipated?	According to City of Raleigh records, there were over 1,872 kayak participants over the past three years. This is an average of 624 per year.
Is it family oriented? Is it safe for families?	Yes, families will be able to utilize the park but should always check the river levels, have appropriate equipment, like personal flotation devices, and take formal instruction to reduce exposure to inherent risks (these exist with every river just not play parks).
Does City have performance data to determine the number of users?	According to City of Raleigh records, there were over 1,872 kayak participants over the past three years. This is an average of 624 per year.
Does Parks & Rec keep track of paddlers in the area?	No, but the community-based Carolina Canoe Club does.
Where is the project in Parks & Rec's priority list?	Priorities are established using a variety of factors including funding, community support, permitting, etc. The City has committed funding for the evaluation and preliminary design of this park.
Look at the number of users.	According to City of Raleigh instruction records, there were over 1,872 kayak participants over the past three years. This is an average of 624 per year. A whitewater facility in this location would allow the City to expand its recreational programming. In addition, Paddle Creek sends over 4,500 people down the Neuse River each year. The Carolina Canoe Club holds 20 novice clinics per year and three swiftwater rescue classes per year. It is anticipated that with enhanced access the Canoe Club will hold more clinics.
Are there user surveys? What is being used to determine need for this park?	
Are there recreation surveys?	
Along with boating options, I see added value for swiftwater training.	Yes, a variety of education/training programs can be offered the community.
There are other parks & rec. issues that needs to be prioritized.	Priorities are established using a variety of factors including funding, community support, permitting, etc. The City has committed funding for the evaluation and preliminary design of this park.
Utilization?	According to City of Raleigh instruction records, there were over 1,872 kayak participants over the past three years. This is an average of 624 per year. A whitewater facility in this location would allow the City to expand its recreational programming. In addition, Paddle Creek sends over 4,500 people down the Neuse River each year. The Carolina Canoe Club holds 20 novice clinics per year and three swiftwater rescue classes per year. It is anticipated that with enhanced access the Canoe Club will hold more clinics.
How far into design will the project go?	The design will progress to the 30% construction drawing stage.
No one at the Mill will accept water diversion.	The Steering Committee will work with the design team during the feasibility study to determine if a diversion weir should be utilized to divert flows at certain CFS levels.
Diverting or controlling water flow should be out of the question, period.	The Steering Committee will work with the design team during the feasibility study to determine if a diversion weir should be utilized to divert flows at certain CFS levels.
Streamflow should have to remain the same to both sides of the river.	The Steering Committee will work with the design team during the feasibility study to determine if a diversion weir should be utilized to divert flows at certain CFS levels.
Concern - water diversion.	The Steering Committee will work with the design team during the feasibility study to determine if a diversion weir should be utilized to divert flows at certain CFS levels.
Diverters to divert water from the north bank adjacent to River Mill Condos. Implications to wastewater plant.	The Steering Committee will work with the design team during the feasibility study to determine if a diversion weir should be utilized to divert flows at certain CFS levels.
How will rise not occur with diversion?	The diversion weir will be modeled for its impact to the flood plain. If the design team can not meet the "no rise" criteria, the diversion may be dropped or the criteria could be modified to include alternate methods of diverting water.



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Diversion – concerns with the drought – prefer medium flow.	The Steering Committee will work with the design team during the feasibility study to determine if a diversion weir should be utilized to divert flows at certain CFS levels.
Since flows will not be changed, there will still be lots of days for and areas for folks who like to fish, wade or enjoy the river, not boat.	The Steering Committee will work with the design team during the feasibility study to determine if a diversion weir should be utilized to divert flows at certain CFS levels.
Scrap the whitewater park, which puts phony rock among the natural rock, diverts water which gives us much loved rapids on the north side of the island and takes away our chance to put kayaks in and paddle ourselves.	The Steering Committee will work with the design team during the feasibility study to determine if a diversion weir should be utilized to divert flows at certain CFS levels. If faux rock or zoo rock is utilized in this location, the rock will be created to mimic existing native rock. It is not anticipated that this project will prohibit River Mill residents from paddling from the north bank.
We do not want faux rocks!	The Steering Committee will work with the design team to determine what elements could be included in the design. If faux rock or zoo rock is utilized in this location, the rock will be created to mimic existing native rock. The design team will investigate utilizing "porous" rock or ungrouted natural rock.
I am also concerned about the effects on the environment from diverting the water, adding rocks.	The Steering Committee will work with the design team during the feasibility study to determine if a diversion weir should be utilized to divert flows at certain CFS levels. The use of rocks, whether faux or grouted rocks, is an accepted design practice.
Concern - possible deterioration of the island.	The island is actively eroding at the present. The project will include bank stabilization to slow or arrest this natural process.
Concern - destruction to River Mill side of the bank.	The preliminary design will include provisions to prevent damage outside the project area: 1) define a project area where construction activities and vehicle traffic cannot occur and 2) enforcement of the project area limits during construction.
Stream bank protections	The project will include bank stabilization to slow or arrest this natural process. The design team will consider a landscape design that limits the amount of understory removal and herbaceous plant removal from the stream banks. The design team also recommends that access to and from the river bank be confined to narrow corridors to prevent trampling of native plants.
What methodology will be used in shoreline design?	The project will include bank stabilization to slow or arrest this natural process. The design team will consider a landscape design that limits the amount of understory removal and herbaceous plant removal from the stream banks. The design team also recommends that access to and from the river bank be confined to narrow corridors to prevent trampling of native plants. The design team may utilize a visual preference survey of images of existing whitewater park shorelines for consideration by the Steering Committee.
Bridging to an island that has been a solice for wildlife should be absolutely done away with!	It is not anticipated that a pedestrian bridge will be part of the final design.
Pedestrian bridge to island, concerned about trash.	It is not anticipated that a pedestrian bridge will be part of the final design.
Consultant should study the feasibility of the bridge.	It is not anticipated that a pedestrian bridge will be part of the final design.
Feasibility issues - water releases/hydrology	As "special" releases of water for recreational purposes is not a possibility, a diversion weir has been proposed.
Concerned with lighting.	The whitewater park would operate on a dawn to dusk schedule and will not require any lighting.
Ecological integrity of the river system (locally & downstream) is critical to all players/partners -- this includes stabilization after/during construction, keeping it as natural as possible.	The project will include bank stabilization to slow or arrest this natural process. The design team will consider a landscape design that limits the amount of understory removal and herbaceous plant removal from the stream banks. The design team also recommends that access to and from the river bank be confined to narrow corridors to prevent trampling of native plants. With regard to downstream impacts, the design team will include hydraulic modeling of the river reach downstream in order to detect any increase in flood level or water velocity that would tend to destabilize the river.

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Define enhance and what ends we are enhancing.	The feasibility study will look at the possibility of enhancing the number of paddling days. It is anticipated that the facility will include a maximum 600 foot run starting south of the existing Falls of Neuse bridge. A component of the project that is to be considered by the Steering Committee is land-based amenities including parking, picnic areas, etc.
Protect River Mill's ability to paddle/kayak from their shore.	It is not anticipated that this project will prohibit River Mill residents from paddling from the north bank. It is anticipated that the project could contain bank stabilization measures.
Consider the "experience" from the River Mill side. View should remain the same...which means no visible street lights or barriers that mar the natural look and sufficient flows.	The whitewater facility would operate on a dawn to dusk schedule and would not include streetlights. The Steering Committee will work with the design team to determine the design criteria and to decide if a diversion weir to divert flows at certain CFS levels is an acceptable solution. The use of "faux rocks or grouted rocks" have been used in other parks around the Country and is an accepted design practice.
Public areas are important and any enhancement to provide enjoyment for additional uses brings more benefits to the area.	Comment noted.
Will paddlers use the north side?	The waters are navigable waters of the US and can not be restricted.
Will users have to cross the bridge?	It is not anticipated that paddlers would have to cross the bridge. There is the potential for a paved pathway underneath the bridge. The access and design will be further discussed by the Steering Committee and Design Team.
Why does the study not include other concerns? Traffic, parking, etc.	The purpose of the feasibility study is to determine if the whitewater facility can be designed and constructed in this location. A part of the study will include land-based elements to include parking and other amenities. Traffic is not part of the study. The design team has had discussions with the City of Raleigh Transportation Services Department and that staff believes that the future construction of the New Falls of Neuse Road bridge will greatly decrease traffic volumes in this area.
Where will the paddlers put in?	It is anticipated that the first put-in will be close to the bridge and that there will be a second location further down. The exact locations will be further discussed by the Steering Committee and Design Team.
How do paddlers get back to the top?	It is anticipated that there will be a put-in will be close to the bridge and that there will be a second location further down. The exact locations will be further discussed by the Steering Committee and Design Team.
I would be in heaven with one bluntable wave and a loopable hole.	Comment noted.
Will this project improve the paddler experience?	The feasibility study will look at the possibility of enhancing the number of paddling days and could include play elements.
Aesthetically it would detract from the character and charm of the area.	Aesthetics are important consideration in the design of the project. The Steering Committee will work with the design team to create design criteria.
At what point is this project justified? How many days?	This will be determined by the Steering Committee and ultimately considered by the PRGAB and City Council.
I am strongly against this project and think the environmental impact is not being taken into account at the level it should be. A park like this should not be placed near preserved wilderness, hiking trails, etc.	An environmental analysis has not yet been completed. If the project progresses past the feasibility study stage, a full NEPA document detailing potential impacts and mitigation strategies will be prepared. This location is the only place in the City where a facility of this type could be located.
What is the parameters/effect of the Milburnie Dam removal on fish habitat?	Unknown as Milburnie Dam has not yet officially been designated for removal.
Concern - traffic along our (River Mill) side of the bank.	The purpose of the feasibility study is to determine if the whitewater facility can be designed and constructed in this location. Traffic is not part of the study. The design team has had discussions with the City of Raleigh Transportation Services Department and that staff believes that the future construction of the New Falls of Neuse Road bridge will greatly decrease traffic volumes in this area. A traffic study will only be required if NCDOT requires it in conjunction with a driveway permit.

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How will traffic be impacted? This area has a country feel.	The purpose of the feasibility study is to determine if the whitewater facility can be designed and constructed in this location. Traffic is not part of the study. The design team has had discussions with the City of Raleigh Transportation Services Department and that staff believes that the future construction of the New Falls of Neuse Road bridge will greatly decrease traffic volumes in this area. A traffic study will only be required if NCDOT requires it in conjunction with a driveway permit.
Parking/traffic concerns	The purpose of the feasibility study is to determine if the whitewater facility can be designed and constructed in this location. Traffic is not part of the study. The design team has had discussions with the City of Raleigh Transportation Services Department and that staff believes that the future construction of the New Falls of Neuse Road bridge will greatly decrease traffic volumes in this area. A traffic study will only be required if NCDOT requires it in conjunction with a driveway permit. As part of the land-based design, the design team will consider enhanced parking and amenity areas.
Implications to the natural environment/ecology.	An environmental analysis has not yet been completed. If the project progresses past the feasibility study stage, a full NEPA document detailing potential impacts and mitigation strategies will be prepared.
Protection of the natural beauty	Aesthetics are important consideration in the design of the project. The Steering Committee will work with the design team to create design criteria.
Has a traffic study been done?	The purpose of the feasibility study is to determine if the whitewater facility can be designed and constructed in this location. Traffic is not part of the study. The design team has had discussions with the City of Raleigh Transportation Services Department and that staff believes that the future construction of the New Falls of Neuse Road bridge will greatly decrease traffic volumes in this area. A traffic study will only be required if NCDOT requires it in conjunction with a driveway permit.
The environmental impact studies of this area are far-reaching.	An environmental analysis has not yet been completed. If the project progresses past the feasibility study stage, a full NEPA document detailing potential impacts and mitigation strategies will be prepared.
Would the NEPA document include the entire park (including 85+/- acres)?	No.
Will an environmental assessment be provided?	If the project progresses past the feasibility study stage, a full NEPA document detailing potential impacts and mitigation strategies will be prepared.
When is the EA provided in the process?	If the project progresses past the feasibility study stage, a full NEPA document detailing potential impacts and mitigation strategies will be prepared.
Who decides what is too much of an impact? COE?	The design will be reviewed by the US Army Corps of Engineers and if the project proceeds past the feasibility stage, a full NEPA document detailing potential impacts and mitigation strategies will be prepared and reviewed by the State and Federal resource agencies.
Will the project recommend no change or a no-action decision?	A component of every NEPA document is the consideration of a "no-action" action.
What will the broader impacts on the area be? - Roads, parking, etc.	If the project progresses past the feasibility study stage, a full NEPA document detailing potential impacts and mitigation strategies will be prepared.
What are the cumulative effects to the river from the new road, bridge, and this project?	As part of the NEPA process, an indirect and cumulative impact analysis would be completed for this project and would build-upon the data collected for the other projects slated for this area.
Can help the soil erosion and other environment impact problems.	The objective is to provide positive impacts including river stabilization and enhanced aquatic habitat while avoiding negative impacts such as bank destabilization, etc.
What about impact to the river?	The project requires that the river be modified and therefore impacted. The objective is to provide positive impacts including the benefits of recreation, access, river stabilization, education and aquatic habitat; while avoiding negative impacts such as bank destabilization, reduced recreation, safety problems, etc.

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Community Meeting #1  
River Mill Community Meeting

Maintaining health of the river is important.	The project requires that the river be modified and therefore impacted. The objective is to provide positive impacts including the benefits of recreation, access, river stabilization, education and aquatic habitat; while avoiding negative impacts such as bank destabilization, reduced recreation, safety problems, etc.
The impact will be negative to the natural beauty and create eyesores to the residents of the area who are here every day of the year.	Aesthetics are important consideration in the design of the project. The Steering Committee will work with the design team to create design criteria.
The impact on hunting grounds of birds of prey would be terrible.	If the project progresses past the feasibility study stage, a full NEPA document detailing potential impacts and mitigation strategies will be prepared.
Spawning grounds would be permanently destroyed.	An impact analysis would be required. Typically such an analysis would: 1) identify all species present and their preferred spawning habitat, 2) survey the site for suitable spawning habitat and add up the existing "habitat units" and 3) evaluate the proposed design for any increase or decrease in habitat units.
Erosion issues	The project will include bank stabilization to slow or arrest the natural erosion of the island. The preliminary design will include provisions to limit the amount of understory removal and herbaceous plant removal from the stream banks. The design team will also recommend that access to and from the river bank be confined to narrow corridors to prevent trampling of native plants.
Does public opinion matter?	Public opinion is a key component to all publicly funded projects. As part of this project, the City of Raleigh is holding three Community Meetings, has convened a Steering Committee, has held a small group meeting with the River Mill Community, and is developing a website for the public to track and comment on the project. In addition, all meeting minutes, comment sheets, attendance logs etc. are part of the permanent project record and will be incorporated into the NEPA document if the project progresses to that stage.
Should there be more public involvement?	Public opinion is a key component to all publicly funded projects. As part of this project, the City of Raleigh is holding three Community Meetings, has convened a Steering Committee, has held a small group meeting with the River Mill Community, and is developing a website for the public to track and comment on the project. In addition, all meeting minutes, comment sheets, attendance logs etc. are part of the permanent project record and will be incorporated into the NEPA document if the project progresses to that stage.
I live in the River Mill community and am very concerned about this proposal. Right now life at the Mill is very quiet and enjoyable. At any given moment you can enjoy a leisurely stroll and see many types of wildlife. The view from my unit is breathtaking. Paddlers have the right to paddle but we also have the right to our quiet life at the Mill.	Comment noted.
Explain the process for city approval of the project.	The City Council has directed that a preliminary concept plan for the whitewater park be developed. The plan will then be presented first to the Parks, Recreation, and Greenways Advisory Board for review and recommendation to City Council for approval. City Council will then be asked to review and make final approval. The stakeholders will seek additional funding for completion of the park upon final approval by City Council.
What will determine a go/no go decision?	Multiple factors: first approval by the PRGAB and City Council, level of funding, minimization and/or mitigation of environmental impacts, commitment of stakeholder group, etc.
Is the City an advocate of the project?	The City is interested in increasing access for all user groups, sustainable construction, and the ability to introduce novices to paddling, fishing, and other forms of active recreation, and increase opportunities for intermediate paddlers.
Local landowner - closest neighbor to the project didn't get an invite to participate on Steering Committee. One year ago the Falls White Water Park Committee met with the River Mill HOA and promised to be included in the process. River Mill would like a seat at the Steering Committee table.	The Falls Whitewater Park Committee is not a City of Raleigh board or commission, but a private interest group. Upon receiving this comment from the River Mill community at the Open House on January 19, 2010, a resident of River Mill was added to the Steering Committee and a special presentation was made to the community on March 2, 2010.
Describe the feasibility study and the economic impact of the project.	The City Council has directed that a preliminary feasibility study be prepared to determine if the whitewater facility could be constructed within this area. A part of the project will include progressing the design to approximately 30 percent construction level drawings. The consideration of economic impact is not part of the feasibility study.

Falls Whitewater Park  
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River Mill Community Meeting

Is it connected to Forest Ridge Park? Does it tie in?	It is not connected physically, but the Forest Ridge Plan includes trail/greenway connections to the Neuse River. Also the Forest Ridge Plan envisions an adventure program emphasis of which this facility would become an important component.
Should the 85+/- acre parcel be master planned now?	Funding for planning of this parcel is not available at this time.
Has the southern parcel (85+/- acres) been planned?	Funding for planning of this parcel is not available at this time.
Why is the whitewater park not part of the 85 +/- acre park?	Planning for the whitewater park began before the City acquired the 85 +/- acre parcel. The whitewater facility will be related to both that park and Forest Ridge in the future.
Who are the users of the park – fishermen?	It is anticipated that this facility will serve beginner to intermediate river running skill instruction. Beginner playboating opportunities. Variety of instructional, educational, and recreational opportunities for user groups extending from the novice to intermediate. It also anticipated that any improvements in this area will also benefit fishermen. Additional amenities will be discussed by the Steering Committee but could include picnic areas, etc.
Can we survey River Mill residents?	Comment forms were provided to the River Mill Community during the 3/2 mtg. To date, the City has only received three comment forms back from River Mill.
Why brand the park now?	The project is being branded so that it can be given a recognizable name. If the project moves past the feasibility stage, it is anticipated that private entities will utilize the name in fundraising efforts.
How far will users travel to visit the whitewater park?	It is anticipated that users of this facility would be willing to drive up to two hours to use it. It will not be a state-wide draw.
It was noted that there are 20 paddlers that live in River Mill.	Comment noted.
Is the RFP that Stewart responded to public knowledge?	
Was it an RFP or an RFQ?	
Concerned that users of the whitewater park will park on River Mill property.	The City of Raleigh will not advocate trespassing on private property. If the project moves forward past the feasibility stage, the City could work with the River Mill HOA on signage. But the City can not enforce trespassing on non city-owned property.
River Mill residents are concerned with trespassing.	The City of Raleigh will not advocate trespassing on private property. If the project moves forward past the feasibility stage, the City could work with the River Mill HOA on signage. But the City can not enforce trespassing on non city-owned property.
Can the park compete with Charlotte?	The Charlotte park is manmade and is not comparable to the proposed project in Raleigh.
The park looks great. Big plus for Raleigh. Great for families.	Comment noted.
I think the project is a great idea.	Comment noted.
This is a great idea for Raleigh. I am excited about what these improvements will bring to the area in regards to fishing, boating, and overall enjoyment of the area.	Comment noted.
Looks great! Keep going!!	Comment noted.
Along with boating options, I see added value for fishing downstream.	Comment noted.
Fishing (access to fishing, etc.)	The project will enhance fishing access and reduce the impacts of foot traffic to the riparian zone.
Everything looks great! I look forward to this being completed. It will be a big bonus to the area.	Comment noted.
I am still opposed to this project.	Comment noted.
Just keep it as is.	Comment noted.
We already have a natural water park within the river and those who wish to have the "manmade" park should embrace what already exists.	Comment noted.
I am against this water park.	Comment noted.



Falls Whitewater Park Community Meeting #2  
July 14, 2010

Public Comments  
Received  
7/14/10 to 8/16/10

Comment	Name	Address
This proposed park will be a big asset to the Raleigh area. There will be many teaching opportunities (ie) swiftwater rescue, intro to whitewater, kayaking, etc. It should enhance the area surrounding the tailrace and perhaps will bring more people to the river which should help to increase river stewardship.	Doug Stager	Raleigh, NC 27615
I think this is great! Great synergy with the greenway. I believe it should move forward.	Sig Hutchison	Raleigh, NC 27614
The opportunity for teaching after the park is established is great and should be developed. Not only a source of revenue, but a way to encourage use of the park. This is a good resource for novices and beginners to turn to.	Mary Stager	Raleigh, NC 27615
Taking so much water from the north channel at 500-1000cfs concerns me greatly; that's when the river looks the most beautiful, with rapids (paddlers, tubers can enjoy these now, without the engineered rapids) that we at the Mill love. When asked how many would paddle the whitewater park, the thousands who go down the river now and members of Carolina Canoe Club were listed. What if they (current paddlers) like paddling to see birds, turtles, tranquil scenery? Why wasn't the number 3-5 whitewater paddlers per day at the dam mentioned instead? Isn't that a more accurate number on the busiest days?	Sharron Parker	Wake Forest, NC 27587
Establishing usable waves/rapids at lower flow levels is an excellent initiative that will attract more beginner/novice paddlers to the river - there are far more of these than intermediate/advanced. However, the proposal to deny access to the current spillway area means that you would drive away the intermediate/advanced (your instructors). This proposal needs to be incremental to and not a replacement of current access.	Ian Pond	(I work in Wake Forest)
Great presentation!! Love the ideas of the Falls Whitewater Park.		
I already paddle at Falls Dam about 30-40 days a year. I would love to paddle even more days on the river at Falls Dam.	Jim Wei	Raleigh, NC 27617
Having been blessed to be a part of this project for the past 3 years, I feel that headway is being made toward making Raleigh a kayakers/outdoorsperson destination. I look forward to seeing the completed full design and know that the City and all those involved will deliver a world class learning environment.	Mike Keeney	Durham, NC
I am a beginning boater and really looking forward to the City park being in place so I can go practice my whitewater skills and learn to surf in the kayak. I really like that there are multiple waves so if I wash out of an upper wave I can play lower down without having to get out. I think it is great that more water will be diverted into this channel at lower flows without messing up the other channel. It seems really well thought out and a huge draw in this area. I would think a lot of people would come play in a river in the piedmont with rapids and fishing holes. I hope this happens by this fall so I can get better right away.	Camye Womble	Cary, NC
Seems like a wonderful idea adding a new dimension to the Raleigh Park Dept. I am a kayaker and have been one for 5 years. I see a definite benefit to this park as a practice opportunity to improve beginning skills and even intermediate skills. I also volunteer with Team River Runner. An all volunteer organization that takes wounded veterans from the Iraq & Afghanistan wars and teaches them kayaking to aid in their physical and mental disabilities. This park would provide a very accessible opportunity for the physically disabled veterans. Please consider the benefit for the larger good of our community than the shortsighted interest of a small percentage of homeowners who occupy their residence for a short duration of time (on average). Thank you.	Jeff Dennie	Raleigh, NC 27604

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I'm so excited about this! I think that this whitewater park could really expand the opportunity for new and experienced boaters to get out and play in Raleigh! I really like the idea of the faux rock being used for the divider island. The climbing wall at NC State is faux rock and looks and feels like real rock. Thanks for all the great information!	Alexa Sawyer	NC State University Student
I'm very excited for this and support this. One thing I would like to emphasize is making it relatively simple to do multiple runs. Definitely an easy path or maybe ways to attain past the rapids. Making the diverting wall look like an old dam sounds pretty neat, but I can't imagine it very well. Faux rock would probably work fine.	Christopher Mattox	Fayetteville, NC 28304
It's very exciting to have preliminary drawings. Three features is nice compromise. It's a small park so it won't have as much impact on folks who live nearby. However it still provides paddlers with several features for variety and greater numbers of paddling days at the dam. It will be an economic draw for the area and an invaluable resource for education and rescue training.	Elizabeth Gardner	Raleigh, NC 27608
I am very excited about this project. I feel that the paddle community would appreciate this being in Raleigh. The surrounding community may have some concerns however I hope that they see the passion and commitment that the paddle community has for the river and surrounding wildlife area. Thank you Elizabeth for your time and effort! It's truly appreciated!	Jeff Francoever	Cary, NC
Hola Mr. Lebsack - I am a hardcore kayaker who loves going to the mountains to tear up the waves there. However, living so far away, I can't wait for some gnarly surf waves here in the Triangle to rip on and show up everyone. My idea of a good time is some tasty waves, a good buzz and I'm fine. When this park gets built, there is no doubt that I will be the best ripper out there...dude!	Jeff Spicolini	Ridgemont, NC
This park would be an exceptional asset to the City of Raleigh and surrounding area.	Todd Zarzecki	Raleigh, NC
I think this is a great idea! It will tie in nicely with the greenway project and provide an opportunity of adults and kids to participate in an enhanced outdoor experience. Providing the ability for fire and rescue to train is a valuable plus. The plan seems well thought out and every consideration to environmental impacts seem to be addressed. One more thing that would make the Triangle a great place to live and raise a family.	Matt Pusateri	Wake Forest, NC
Since the majority of the release days will be in the winter can you install street lights near each of the 3 features plus one street light at the put in and one street light at the take out? This will allow access to the park after dark. Great plan! I can't wait to see this park completed.	Tom Wittekind	Raleigh, NC 27613
Condo owners will actually see less traffic on the north channel, as activity will be concentrated in the south channel. Safety of fishermen (persons) and families picnicking on the banks is a concern. The way things are now vs. the proposed plans, (ie) which is more hazardous to someone falling in? It would be nice to have a place closer than the Haw for local paddlers!	Jean Dasnoit	Raleigh, NC 27604
I'm very excited about the design. I fully support all efforts and investments required to complete this project.	Karl Carr	Raleigh, NC 27609
Love it!! Takes into account a balanced approach to wildlife, recreation, and safety.	Joe Greiner	Raleigh, NC 27615
I think the plans are really good. I am looking forward to giving it a try. Thanks. I think it will really add to the quality and life in Raleigh and help with the health of the river.	Andy Malinowski	Raleigh, NC 27604
I think this is a great idea and a great use of the area with little if any environmental impact. I am excited to see more adventurous activities for youth in the area.	Tom Pusateri	Wake Forest, NC

Falls Whitewater Park Community Meeting #2  
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I can't wait to see the final design for the whitewater park. This will be an exciting park for boating and for spectators. The powerpoint presentation from McLaughlin helped to make it factually clear that there will be little difference in the amount of water flowing into the north channel when levels do allow for water diversion. Thanks to the FWP committee!	Reese Culbreth	Raleigh, NC 27608
Concerns of my neighbors here in the Falls area are listed below: (1) Apprehensions exist among the property owners regarding diverting all flow to the north channel during whitewater course construction should the project gain approval. Possibilities of a rain event causing flooding could occur. Both channels would need to be available for high releases from the dam. (2) Velocity and depth of flow on the north channel after introduction of diverter island. A precise answer rather than estimate. (Currently we know what the depth and flow is at a variety of release levels and the sound of the rapids is a big part of living at River Mill). (3) Residents have made a significant investment in their property and the natural elements associated with it such as scenic views and historic character is very important. If the project moves forward this should be kept in mind and our investment should be protected from anything that would detract from what we have now. (4) More precise impact data is desired. Environmental and aesthetic. (5) Availability of south channel for fishing and wading.	Tom Wright	Wake Forest, NC

Falls Whitewater Park Community Meeting #3  
November 3, 2010

Public Comments  
Received  
11/3/10 to Present

I Endorse the Proposed FWWP	Reasons why I do/do not endorse the proposed FWWP.	Name	Address
No	Diverter island. Diversion weir.	Tom Wright	1500 River Mill Drive, #401, Wake Forest, NC 27587
No	The diversion of flow from the north channel to the south channel will reduce the rapids in our neighborhood just at levels that are most enjoyable to see and hear, all 24 hours on days those levels occur.	Ken Parker	1500 River Mill Drive, #306, Wake Forest, NC 27587
No	The large diversion of water from the north channel during medium flow days means the loss of (1) the sound and beauty of the rapids and (2) chance to launch kayaks and canoes from the River Mill area.	Sharron Parker	1500 River Mill Drive, #306, Wake Forest, NC 27587
No	Open at most 1/4 of year on an unpredictable basis, people won't show during the week. Great idea for kayak club but detrimental to everyone else. Obvious waster of money.	Gene Dodd	River Mill
Yes	The WWP would provide a safe recreational facility and safety rescue training facility as proposed during the initial planning of Falls Lake.	Bob Zarzecki	11925 Raven Ridge Road, Raleigh, NC 27614
No	I do appreciate this meeting and allowing for questions, thank you. The idea that 2.5+ million tax dollars is absurd to me particularly when there is already a natural waterway/river for all to enjoy that is free. In addition, the environmental impact (herons, fishes, etc) will be completely dismissed from their natural home. As a resident of River Mill, one of the major reasons that I live there is the natural, peaceful beauty. By building this not only will the natural surrounding be affected but the noise level will simply not be tolerable. I completely advocate proposals and growth, however a water park in this location simply doesn't make any sense financially. Simple math for an ideal season: 100 days of operation, 100 visitors per day, 10,000 x \$10 per ticket = \$100,000 revenue - doesn't make sense particularly when you can't plan whitewater events due to questionable water levels and drought conditions.	Tessa Hunt	1500 River Mill Road, Wake Forest, NC 27587
No	2.5 million seems like an excessive amount of money for a facility that will only be used about 3 months a year by an exclusive group of folks. I think that the City needs to consider this in the perspective of other projects including Forest Ridge Park and other planned facilities in the area. I also think that the city needs to look at the Neuse River paddle trail and paddle access as a whole - where does this fit in the priority list? The next safe access is more than 10 miles downstream. The city should provide safe and legal access at sites that can be used year-round first before considering adding this luxury. Currently with the outflow of the dam, the spillway, and north side of river provide over 4 good features. This will alter the natural features and the result will be less features, over construction of the river and a lot of city money wasted.	Leigh Ann	9629 Fonville Road, Wake Forest, NC 27587
No	(1) Concerns about the environmental impact it would make on the river and its wildlife. (2) Concern on the traffic and impact on the River Mill Community. Being a homeowner at River Mill crime is a concern, noise level from groups attending the whitewater park, etc. (3) The expense of something this expensive and the number who would benefit.	Kathy McKee	1500 River Mill, Unit 302, Wake Forest, NC 27587
Yes	The ww park will create a wonderful element of diversity in Raleigh's park system. There are few ww parks in the east and it will draw people regionally and boost the economy. It gives kids another alternative to traditional sports. It will be a gathering place for the community and foster river preservation.	Elizabeth Gardner	1806 Bickett Blvd, Raleigh, NC 27608
No	Generally, I think the plan is "okay". However, before I cannot endorse the project unless a gate is closed from dusk to dawn. This will be even a worse security situation that it is now.	Bill Rose	6148 Riverside Drive, Wake Forest, NC 27587
Yes	Impact to river seems reasonably minimal. The river is not a private water feature and should be shared by all. I think this park will significantly enhance interest in the Neuse Greenway Trail and also enhance understanding and appreciation of the Neuse River.	Mark Turner	PRGAB
No	(1) Changing historic river. (2) Environmental issues. (3) Lower value + appeal of River Mill residences.	Jerry Leonard	1907 Park Drive, Raleigh, NC 27605

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Yes		Jade Wei	9113 Langwood Drive, Raleigh, NC 27617
Yes	I believe this facility will provide unique access to popular paddle sports recreation and education as well as valuable training facility for Central North Carolina paddlers and water safety educators. Paddle sports are one of the largest growth outdoor activity areas and similar facilities across the world continue to prove that they are a social and economic resource to the areas that they serve. Raleigh will be proud to have this facility to enhance the diversity of parks facilities it offers.	Larry Ausley	6717 Valley Woods Lane, Cary, NC 27519
No	Unnecessary expenditure to alter a river that already has whitewater, is already used by the public, fishermen, and wildlife. Too much effort to make this area into something that it is not. It's a small area and a short amount of time it can be used. Why spend so much money on something that benefits so few people for so short a time.	Susannah Koger	1601 River Mill Drive, Wake Forest, NC 27587
No	Absolute waste of tax money. To much munipulation of the water flows. We on the n end would almost never see high flo. Noise pollution. Litter.	Jill Brown	1500 River Mill Drive, Wake Forest, NC 27587
No	105 days per year does not seem to be enough to justify this project. The cost and impact to our community are not worth the 105 days/year of operations that this park would provide.	Dan Lee	1500 River Mill Drive, #203, Wake Forest, NC 27587
I have reservations	(1) I'm concerned about the water level on the north channel. If there will be less/no water on n side I would not support the project. I've lived at Rivermill for 18 years and I use my kayak in the river. I hike and walk dogs and enjoy the wildlife. My husband fishes. I bought this property because of the natural area and the water. (2) I'm also concerned about how this project will effect the wildlife population. We currently enjoy the beaver, Great Blue Heron, Kingfisher, a variety of fish, Neuse Waterdogs, mussels, Banded Water Snakes, Osprays, etc. How will this impact animals on north side as well as channel? (3) How will all this construction and run off effect the health of the river? (4) I'm concerned about stabalization on the north side. During construction when the water is all diverted to n. side. I'm afraid of the impact to our banks. I would want a natural looking and aesthetic (not rip rap). Will there be planting along the banks?	Alisa King & Jimmy King	1612 River Mill Drive, Wake Forest, NC 27587
No	Spending 2+ million dollars in this economy is irresponsible when it benefits so few people. Do not water diverted from the north channel.	Jason Clark	1500 River Mill Drive, #113, Wake Forest, NC 27587
Yes	I fully support the park. I would love to be able to use it after work for some good exercise. I am sorry to hear it will take so long to finish. I also believe it would help protect the banks on both sides of the river. Thanks.	Andy Malinowski	701 Monroe Drive, Raleigh, NC 27604
No	Reasons why I do not endorse the proposed Falls Whitewater Park. I am a resident of River Mill and love the river views, the sound of peaceful water and the ability to launch a kayak from the banks behind our place. With a diversion island or weir we will have very little water on our side of the river, which is unfair to property owners who bought here because of the river. The park will make our property less valuable and have a view of a river bed (basically). No fair!	Kathy DeBlasio	1611 River Mill Dr, Wake Forest, NC 27587



Falls Whitewater Park Community Meeting #3  
November 3, 2010

Public Comments  
Received  
11/3/10 to Present

No	I cannot endorse the creation of a park that so drastically alters the natural environment of the Neuse River and negatively impacts wildlife who live in and around the river - all for a few residents who want to be able to use their kayaks a few more days per year. I believe that the city of Raleigh needs to value and protect this small area of wilderness. We as a city need to respect the right of wilderness to simply exist, and not view every parcel of natural, undeveloped area as a potential site for development or as a potential site for additional recreational opportunities. The more the city can protect these pockets of wilderness, the more beautiful and environmentally friendly the city will be in the long run. Those who would create this "park" seem to feel that they have the right to manipulate the environment so that they can have a better "playspace." We who live in and around the Mill building, I believe, have a right as well: to enjoy the view of the unspoiled river and to treasure our peaceful, quiet days by the river - we who have invested in and resided in this historic building for years are unified in our love for the unspoiled nature area in which we have chosen to live - and other residents of Wake County, obviously, enjoy it as well, by boating, fishing or simply walking by the river. But I do not cannot welcome people who would destroy this environment. It seems that this small group of people who happen to own kayaks feel that it is their right to intrude and reshape the river to suite their "need" to kayak here. I implore the city to take a stand against this special interest group and protect the people of Raleigh who treasure this area in its unspoiled state.	Elaine Bartlett	1500 River Mill Dr, #202, Wake Forest, NC 27587
No	First please note that back in the early 1990s I used to kayak on river where the Whitewater Park is being proposed. With that being said I do not think that the Whitewater Park is warranted based on the following: (1) The limited number of individuals who would be expected to use the park. (2) The amount of funds required to build the park (even if only a portion comes from public funds). Surely we can find better uses for such funds. (3) The environmental impact that would accompany such a project (which will affect the current ecosystem).	Aaron White	1613 River Mill Dr, Wake Forest, NC 27587
No	This is an expensive and unnecessary project with a negative environmental impact. It has very negative effect on the quality of life for both humans and wildlife. I hope the narrow interest of the few endorsing it will not override what is in the best interest of the river, wildlife and area in general. We have been owners of #305 for 20+ years and have enjoyed the natural beauty and the wildlife of the area. We hope this unnecessary project will be stopped. With the money shortage for maintenance of the Raleigh Parks, this project seems highly questionable at best.	Diane Schaaf	5444 Deer Forest Trail, Raleigh, NC 27614-8221
No	As I understand the project, the Whitewater Park is costly, highly detrimental to the environment, and caters to the recreational whims of a fraction of the population. It is unlikely to add revenue to Raleigh's coffers and more likely to be a financial failure. It will be an eyesore that will have a negative impact on water quality, fish, birds, crustaceans, and micro-organisms. The Neuse is one of the most endangered rivers in the Country. This park will further compromise its fragile economy.	Charlotte Gross	Professor, English, NC State University
Yes	I am an area resident and I just wanted to pass along my enthusiastic support for the planner whitewater park at Neuse Lake Falls.	Alan Lovett	<a href="mailto:alan.lovett@duke.edu">alan.lovett@duke.edu</a>

Falls Whitewater Park Community Meeting #3  
November 3, 2010

Public Comments  
Received  
11/3/10 to Present

Yes	<p>My name is Mary Beth Harvey, and I am the Healthful Living Department chair at Broughton High School. Recently I became aware of a white water park being developed near Falls Dam. In my opinion, developing a white water park in Wake County would create more possibilities for my students, as well as the community. Wake County currently offers a class called Adventure Education. As part of the course curriculum, the class includes activities such as: canoeing/kayaking, rock climbing, hiking and orienteering, triathlon training, ropes course and team building activities. The opportunities to be creative with this course are endless. As an IB school, Broughton focuses on the importance and investigation and inquiry from all students. The IB criterion enables students to try new activities that build leadership skills, community awareness, as well as an appreciation for the environment. As a healthful living teacher, I encourage students to participate in lifetime activities and stress the importance of staying active, as this country struggles to fight childhood obesity. I also feel this park would be an engaging way to build self-esteem and self-confidence in our youth while finding ways to keep them focused and directing them towards positive, well-balanced behaviors. As an educator, I see the infinite opportunities from the currently proposed water park. I encourage your support for our entire community to promote fitness and active lifestyles.</p>	Mary Beth Harvey	<a href="mailto:mbharvey@wcpss.net">mbharvey@wcpss.net</a>
No	<p>I am a boater (30+ years) and I do not support the proposed Falls Whitewater Park. I do not think that there is sufficient economic justification for this type of project at this point in time. If the economy was stronger, I would have a different point of view. How can we spend public money on a whitewater park that serves a relatively small percentage of the public when we have so many other public needs that involve basic human needs like jobs, food, and shelter? The argument has been made that the money is not coming from tax dollars. But public money is public money whether the source is taxes or not. While I sympathize with the boaters, now is not the time for this Park. It sends the wrong message regarding our governments and our elected officials priorities.</p>	Robert Rhode Resident and Taxpayer	<a href="mailto:b.rohde@earthlink.net">b.rohde@earthlink.net</a>
Yes	<p>I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make the whitewater park a reality for the people of Raleigh and surrounding areas.</p>	LeeAnn Collins	<a href="mailto:LeeAnn.Collins@ucb.com">LeeAnn.Collins@ucb.com</a>
Yes	<p>I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make the whitewater park a reality for the people of Raleigh and surrounding areas.</p>	Bridget Nudi	<a href="mailto:bridgetnudi@yahoo.com">bridgetnudi@yahoo.com</a>
Yes	<p>I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make the whitewater park a reality for the people of Raleigh and surrounding areas.</p>	Kurt McKissick	<a href="mailto:mckissickk@nc.rr.com">mckissickk@nc.rr.com</a>
Yes	<p>I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make the whitewater park a reality for the people of Raleigh and surrounding areas.</p>	Cathy Schwirzke	1010 Pine Hill Road, Fayetteville, NC <a href="mailto:poetta613@aol.com">poetta613@aol.com</a>

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Yes	I am writing in support of the proposed Falls whitewater park. This project will help the local economy immediately and leave a lasting legacy for future generations. With very little impact on those who live nearby, it will greatly enhance the lives of local paddlers as well as people who love the outdoors and will be able to enjoy it was spectators and walkers on the greenway. I live in Cary and have fondest hopes that this project will become a reality. Thank you very much for your consideration.	James C White	<a href="mailto:tresbianco@earthlink.net">tresbianco@earthlink.net</a>
Yes	I have been asked to submit my opinion that the Falls Whitewater Park proposal is a good idea. I can guarantee that if it is constructed I will visit it as a kayaker. I will behave myself in an exemplary manner and leave no trash. I would also guarantee that after paddling I will eat at a local restaurant to support the economy of the area. Hopefully that is a good thing for the society as a whole. I am not sure about why some of the nearby homeowners are against the plan. But if they have valid complaints then I guess the decision lies with government. In Charlotte the whitewater park is a great place to visit. Despite their financial difficulties (I think it cost \$50 million to build that thing) it is a place where people can enjoy the whitewater activity or watch the action on a nice day. Hopefully your park could be as family friendly and good vibed as that one is.	Morgan Randall Chapel Hill, NC	<a href="mailto:mrancell@nc.rr.com">mrancell@nc.rr.com</a>
Yes	My names is Jennifer Fahey, a Wake County resident, and I'd like to voice my support of the Falls Whitewater Park project. As a new paddler, I can speak to the desire to have beginner-friendly options for new paddlers to practice their skills and learn water sports safety as they progress (higher, aggressive water levels at Falls Lake Dam during releases inhibits this). This is a great opportunity to expand the outdoor recreational offerings in the Raleigh area in a very nature-friendly way (no machines or unnatural looking dams). I hope you'll give your full support to this project. Thanks for your time and consideration.	Jennifer Fahey	<a href="mailto:jenguin777@earthlink.net">jenguin777@earthlink.net</a>
Yes	I would like to express my strong support of the Falls Whitewater Park, I feel this park will help to significantly increase healthy recreational opportunities within the Raleigh area. Additionally, the park will improve parking and access to the area that can ba enjoyed by visitors for years to come. When looking at the costs of the project compared to the benefits, it is an absolute bargain. It will also have a positive economic impact on the surrounding area including restaurants, gas stations, hotels, etc. I feel the park can be a real attraction and will be used by local paddlersm as well as those that travel to the area. I have been to the area several times to paddle, but would love to be able to have the whitewater park and have more consistent days to paddle there. I also feel the design of this park strikes a perfect balance between improved recreation opportunities while also keeping and protecting the natural featuras of the area. I urge you be forward thinking, consider the health and happiness of your city's residents, and support the Falls Whitewater Park project. Thank you for your time and consideration.	Eric Gardner	Leadership & Team Training Specialist Campus Recreation and Wellness East Carolina University 104 Student Recreation Center Greenville, NC 27858 <a href="mailto:gardnerer@ecu.edu">gardnerer@ecu.edu</a> 252-328-2944

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Yes	<p>I am writing you in regards to the proposed white water park on the Neuse River. I have been kayaking for over ten years now and have been a kayak instructor for the past four years. I have kayaked on a number of white water parks out west and thoroughly enjoyed them. My home town in Farmington, NM developed a park consisting of two rapids. One rapid is better at high water, while the other is at lower water. The park is over 10 years old and has not needed any maintenance. This great resource brings visitors from all over the region and has helped to create a white water culture in an area that never really had much of one before. The local community college teaches kayaking, canoeing, rafting and swift water rescue courses on the section of the river. Fire departments and other rescue services throughout the region utilize the park for rescue training as well. I am currently an instructor and the Outdoor Adventure Program Coordinator at Duke University. We offer a kayaking PE class and a number of kayaking clinics and trips. We typically have to resort to leaving the region and driving to the mountains of western NC in order to find adequate water to teach on. I utilize the local rivers as much as possible when they are high enough to get kayakers down. The Neuse is a great resource to me especially when the dam is releasing, otherwise it is too low to teach on. With the development of this white water park I would be able to offer a number of more trips and clinics teaching the importance of safe boating as well as conservation and leave no trace principles. I would also utilize the resource to teach swift water rescue skills to all of my participants. There are a number of Outdoor Programs in the area that waste natural resources driving to the mountains in order to teach kayaking and other water based activities that would be able to minimize their environmental impact with the development of this park. Please keep this project for such a great outdoor resource moving in the correct direction. Thank you for your time and support.</p>	Levi Dixel	<p>Coordinator of Outdoor Adventure Education Duke University Campus Recreation 919.613.7536 ldixel@duaa.duke.edu</p>
Yes	<p>I am contacting you in support of the Whitewater Park on the Neuse River in Raleigh, NC. As a professional kayaker and instructor I have nothing to say but good things about whitewater parks. They provide an excellent place not only for kayakers but for all people to get out and enjoy the outdoors. The greenspaces that surround these parks are prime for joggers, walkers, picnics, outdoor events, and many other outdoor pursuits. In addition whitewater parks provide an excellent incentive for people to move to the area. There are many places I've traveled to in the United States that have had great success with whitewater parks including: Reno, Nevada; Salida, Colorado; Buena Vista, Colorado; Golden, Colorado; Charlotte, North Carolina; Auburn, California; Cascade, Idaho; Glenwood Springs, CA and many more. In each of the instances in no way did the whitewater park have a negative impact on the surrounding community. In fact in many instances the community was actually based on the whitewater park. Moving forward I believe its very important to support things that get people outside and whitewater parks are an excellent way to do this. Thank you for your time.</p>	Andrew Holcombe	<p>Professional Kayak Kayak Instructor Team Dagger Kayaks 828.736.2597 aholcomb@vt.edu</p>
Yes	<p>Please support the Falls Whitewater Park. I feel this park will help increase healthy recreational opportunities within the greater Raleigh area. The park will serve a useful local and regional resource, allow for impromptu gatherings of families, of boaters and individuals seeking to relax and enjoy watching the boaters. The design of this park strikes a balance between improved recreation opportunities while also keeping and protecting the natural features of the area. Because of its design, through my position at East Carolina University, my program will be able to introduce people to whitewater kayaking on a year round basis. Eventually they will be paddling on their own and will return to paddle Falls Whitewater Park. I urge you be forward thinking, consider the health and happiness of your city's residents, and support the Falls Whitewater Park project. Thank you for your time and consideration.</p>	Bradley D. Beggs	<p>Assistant Director East Carolina University Adventure Program Campus Recreation &amp; Wellness adventure.edu.ecu office - 252.328.1560 128 Student Recreation Center Greenville, NC 27858</p>



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Yes	I am writing to you just to voice my support of a whitewater park. My husband and I have only recently begun enjoying the greenways of Raleigh on our bikes (despite having grown up here). I think the greenways are a treasure for all who seek to get some exercise in nature. The whitewater park would provide one more marvelous opportunity for outdoor fun near our city. The park would be something we could be so proud to offer the tourists who come our way and something that would promote care and appreciation of our natural environs. Thanks for all you've done to help with this.	Autumn Cobeland	<a href="mailto:autumn.cobeland@gmail.com">autumn.cobeland@gmail.com</a>
Yes	This email is regarding the proposed Whitewater Park at Falls Dam. My name is Christopher Klingman, and I strongly support the proposed plans for a Whitewater Park at Falls Dam. I am an avid whitewater kayaker, as is my wife, and we consistently drive at least two hours away from Raleigh, each weekend, to seek out whitewater paddling. Our money and our time go to other counties and states. We would love to bring the sport to our home, and bring it to our neighbors. When we finish with our day of paddling, we spend a great deal of time explaining what we do to people who stopped to watch us paddle. This sport is wonderfully interesting and not just to whitewater paddlers. In addition to the attractiveness of the sport, we have the single most envied whitewater paddling community in the country, based right here in the Triangle. I am talking about the Carolina Canoe Club. Because the Club is so large and well organized, we have some of the best training and educational whitewater resources in the country at our disposal. This park will bring their expertise back to the Triangle, rather than Western NC and Eastern Tennessee; where the whitewater is plentiful and predictable. I know that this proposed Whitewater Park will be a boon to our community, and it will benefit paddlers and non-paddlers alike. I want to thank you for your time and attention to this matter. Please let me know if you have any questions or comments.	Christopher Klingman	<a href="mailto:chrisklingman@hotmail.com">chrisklingman@hotmail.com</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Keith Lewis	<a href="mailto:pyranha7@bellsouth.net">pyranha7@bellsouth.net</a>
Yes	I fully support the Falls Whitewater Park. A whitewater park could serve as an active arm of Raleigh Parks and Recreation, acting as a base for youth and adult activities for paddling instruction and events. Sports like whitewater paddling have kept many thrill-seeking teens happy and out of trouble!! Also, a whitewater park would serve the citizens of Raleigh who paddle and would attract paddlers from the region, for both recreational use and competitions. With today's changing economical climate, it is difficult to spend the time and money to travel 4 hours to the mountains to find whitewater...Having a park in Raleigh. We spend tons of thousands of dollars on bike trails, walking trails, baseball fields, and community based facilities (gyms)...As a voting, tax paying citizen of Wake County it certainly seems reasonable to me that we could spend a few thousand dollars on creating this water park and fulfilling the promise made when they took away a free flowing river in favor of a water supply for the city. I understand that some people may be opposed to this project, but I also understand that the main people who are opposed have an island on the river which blocks their view of the main proposed rapids.	Sonia Johnson	<a href="mailto:mtbgvrl@gmail.com">mtbgvrl@gmail.com</a>



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Yes	<p>I would like to reiterate my support of the Whitewater Park a little more fully. I have been a whitewater paddler for 10 years and am a member of the Carolina Canoe Club and American Whitewater, both organizations that support conservation of water resources along with recreational access. My 27 year old son is also a paddler. I think that Falls Dam is a unique asset that the City of Raleigh can take advantage of for the benefit of it's citizens and the environment for the following reasons: (1) A whitewater park could serve as an important node on the Neuse River Trail greenway, encouraging greenway use and attracting additional users. The dam already serves as a focal point of activity and many people come out to watch the paddlers when the dam is releasing at higher levels. The level of activity at the Whitewater Center in Charlotte by the many non-sports people that just come to watch moving water; if managed correctly, this could be an important aspect of the value of the whitewater park to the City. (2) As a side effect of increased activity an use of the greenway, it would increase awareness, understanding, and concern of the Neuse River as an ecosystem and a valuable natural resource, hopefully leading to better policies and behavior regarding downstream and upstream runoff and pollution in the river. (3) A whitewater park could serve as an active arm of Raleigh Parks and Recreation, acting as a base for youth and adult activities for paddling instruction and events. (4) A whitewater park would serve the citizens of Raleigh who paddle and would attract paddlers from the region, for both recreational use and competitions.</p>	Wayne Jones	<p>Jones Architecture, PLLC 5011 Falls of Neuse Road, Suite J Raleigh, NC 27609 919.510.8186 wayne@wjonesarchitecture.com</p>
Yes	<p>I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.</p>	Jennifer Teague	<p>jenslocumunc@gmail.com</p>
Yes	<p>I'm contacting you to relay my support for the Falls Whitewater Park. Raleigh needs an outdoor attraction like the Whitewater Park. Raleigh would be the talk of the outdoor adventure world by building this park. I mean that, any city can build softball fields, not many cities can think outside the box enough to build a natural flow whitewater park! The money spent on this park would come back to the city by the hundreds of paddlers coming to town to paddle there. Think of the publicity generatged by having a whitewater rodeo in Raleigh! Please don't let the NIMBY's stop your progressive and forward thinking plans. This park would be a regional attraction, bringing paddlers from far and wide!</p>	Buddy Kelly	<p>Chatham Co, NC buddy@ceparts.com</p>
Yes	<p>I am sending this email to voice my strong support for the proposed Falls Dam Whitewater Park. I was a Raleigh resident for 10 years and frequently paddle in the vicinity of Falls Dam. The City of Raleigh has a long history of being a leader in park planning and development that continues today. The addition of a planned whitewater park would set the City of Raleigh apart from other municipalities and would make Raleigh a paddling destination. The addition of this park will only enhance the area in which it is proposed and it will open a whole new kind of recreation to the residents of the City of Raleigh. Thank you for your time and consideration.</p>	Shane Brown	<p>YMCA Camp Cheerio Assistant Camp Director 336.869.0195 shane@campcheerio.org</p>
Yes	<p>The Falls Whitewater Park is an easy cause to get behind. Why? It will benefit paddlers, spectators, river health, local gas stations, and local residents. There is NO downside which makes it any easy decision.</p>	C. Bortz	<p>cbortzrun@yahoo.com</p>

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Yes	<p>I wanted to drop you a note and voice my support for Falls Whitewater Park. I have been paddling whitewater for 20+ years and live 3 miles from the site. I feel that this will be a worthwhile project and fulfill the promise made when the Dam was built to create a whitewater course. The design is simple and will have minimal impact on the environment and provide a recreational opportunity for boaters in this area. With today's changing economical climate, it is difficult to spend the time and money to travel 4 hours to the mountains to find whitewater. Having a park basically in my back yard will be great for me and my 12 year old son to go out and spend a few hours together. We spend tens of thousands of dollars on bike trails, walking trails, baseball fields, and community based facilities (gyms). As a voting, tax paying citizen of Wake County it certainly seems reasonable to me that we could spend a few of those dollars on creating this water park and fulfilling the promise made when they took away a free flowing river in favor of a water supply for the city. I feel sure based on my water bill that they city has collected enough for the water to pay for this. I understand that some people may be opposed to this project, but this facility has been promised since the Dam was built 30+ years ago. Anyone buying property should have known that this park was a possibility, just like when I bought my house 12 years ago near the "purposed 540 corridor"...I had no reason to complain when they started bulldozing and laying down pavement for I540. And if you are not going to through with this now, then I would like to know when the city/county is going to fulfill their promise!</p>	Russ Condrey	<p>8004 Woodstone Drive Raleigh, NC 27615 russ.condrey@allscripts.com</p>
Yes	<p>The email from Russ Condrey was sent to you earlier by a fellow Carolina Canoe Club member and whitewater kayaker. He says EXACTLY what my thoughts are regarding the proposed whitewater park. I see no reason to reinvent the wheel...I'll let Russ speak for me! I've only been paddling for three years but plan on paddling forever. I would LOVE to have a whitewater park in the local area that I could frequent rather than taking my kayak (and my recreational money) to Charlotte for practice. Please add my name to the list of those who are pro-whitewater park! Hear, hear!</p>	Dani Baker	<p><a href="mailto:dbaker@thewootencompany.com">dbaker@thewootencompany.com</a></p>
Yes	<p>I am writing to you in support of the proposed whitewater park at the Falls of the Neuse. As an avid whitewater paddler, I have in the past enjoyed paddling at Falls of the Neuse. It already provided a great place to play at the right levels. It also provides a great place for beginning and novice boaters to learn and practice. There are currently two problems with the area: (1) There is not a good access trail along the river. Much of the river is lined in riprap, making it difficult to walk along the river to make multiple runs of the existing water features. (2) The river only has sufficient flows for a very few days during the year. The proposed whitewater park will make the most of the available river features by adding a path along the river and convenient put-in and take-out points. The design will also maximize the number of days the river has flow that facilitates use by whitewater boaters. Replacement of the current rip rap lining the banks with more natural appearing rock will also increase the visual appeal of the area to visitors. This area is one that with a little effort, could become a focal point for the surrounding community. I appreciate consideration of this project and hope that after many years of planning, you can approve the design and implementation of this project.</p>	Garrick Taylor	<p><a href="mailto:garrick.d.taylor@gmail.com">garrick.d.taylor@gmail.com</a></p>
Yes	<p>I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.</p>	Melissa Lawrence	<p>Anson Grove Neighborhood off Durant Road <a href="mailto:linuget@earthlink.net">linuget@earthlink.net</a></p>
Yes	<p>There are very few things that I connect with as much as the Falls River park area, whether it has been to simply watch my older brother enjoy a short time in the water on a Saturday afternoon or simply the ability to watch others play in the waves. I know that this is a simply use of nature and a small cost to the city to allow the paddlers of Raleigh some relaxation. My older brother does a great deal for the city, the County and ever the students of the state. He has developed methods to generate energy that Raleigh takes advantage of every day, and works like a dog to make that happen. His sole relaxation is paddling, many times at Falls River. This project should continue and be supported across the board.</p>	Gene Barlaz	<p>1201 Rainwood Lane Raleigh, NC 27615 <a href="mailto:ecbarlaz@gmail.com">ecbarlaz@gmail.com</a></p>

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Yes	Please count me as an out of state supporter of such a facility. Many communities are viewing these as an amenity to their downtown or community. Just another positive piece to the economic puzzle that will improve the image of a community both to prospective visitors, residents, and companies/businesses looking for a progressive community to locate in. Good luck!	Brian Tungate	<a href="mailto:btungate@new.rr.com">btungate@new.rr.com</a>
Yes	I am strongly in favor of the planned Whitewater Park at Falls Dam, and would urge you to fully support the project. I am not a boater, but I have friends and family who are kayakers, so I speak as someone who knows a good thing as a neighbor. I live just a few miles down Falls of Neuse from the proposed site. I love watching boaters playing in the rapids. It is an athletic ballet. The Whitewater Park would be a tremendous asset to our community. Our local whitewater boaters must drive long distances to enjoy their sport, not to mention the current lack of opportunities for teaching and practicing. In addition to benefiting the boaters, current and future, I believe that observers will find it to be a wonderful family activity. I would like to tell you my opinion of the boating community. These people, both men and women, young and old, are drawn to the sport because it is unique, exciting, demanding and fun. They are careful about safety, the environment, their equipment, and public perception. Think about it compared to rock climbing. You can't participate if you are a jerk, or a drunk because no-one would join you and wouldn't love thru often draws people in high level professional jobs because it takes concentration and reduces stress. And finally, the Whitewater Park could only benefit the local economy.	Deidre Bloch Barlaz	<a href="mailto:ddeb@mindspring.com">ddeb@mindspring.com</a>
Yes	I am a member of the local whitewater paddling community and strongly support the planned whitewater part at Falls Dam. I have been involved in whitewater paddling since 1978 and it is the ultimate in good, clean, healthy fun. I have lived in Raleigh since 1989 and am a regular at Falls Dam. My fellow paddlers are respectful of their surroundings and only interested in having a local whitewater opportunity. I feel that a whitewater park would enhance the environment at Falls Dam and make it a more attractive place for people to hike, fish and watch the boaters in the water. I am disappointed that anyone sees this as having negative impact on the local neighborhoods as I cannot imagine this to be the case. Thanks for your consideration.	Morton A. Barlaz	<a href="mailto:mbarlaz@gmail.com">mbarlaz@gmail.com</a>
Yes	As an avid biker...and soon to be Avid WW Paddler (once I perfect my roll)...I'd like to take a minute and voice my support on the potential WW Park on Falls Dam....to be honest I'm not sure why the City/County wouldn't want such a park to be in place? The Park will get many Avid Paddlers a Place to Play And open the door to many more Paddlers like myself tha cant drive to the Mountains to paddle all the time...Imagine the income and draw it would have for Raleigh!! Not to mention getting more people out of the House and outside taking on a Healthy form of exercise...A Lot bettern than Couch Paddling!! I'm Sure By Now y'all have reviewed the Benefits of the WW park in Charlotte has given that City!! Please make the right choice and Let us Have Our WW Park Here in Raleigh!!	Camye Womble	<a href="mailto:camye13@gmail.com">camye13@gmail.com</a>
Yes	I definitely support this whitewater park. I visit the area at the dam where kayakers go to play in the hydraulics (the holes and waves) that form when the dam releases. I often see other people there who are not kayakers. The Carolina Canoe Club supports this park and many CCC members live in and around the Raleigh area. Many have helped with the research, design, and concerns of creating such a park. I'm sure it will be profitable and enjoyable to many areas residents and will attract visitors from other areas as well. Thanks!	Nancy Hight	<a href="mailto:nancy.hight@duke.edu">nancy.hight@duke.edu</a>



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Yes	Greetings, I am a new member of the Raleigh community having moved recently from Pennsylvania. My wife and I are whitewater paddlers, we canoe, kayak, and raft in whitewater rivers. We are most excited with moving to a warmer climate where we'll be able to be active on the water year-round, and we are already exploring near-by streams like the Haw River. We want to voice our excited with the prospect of the construction of a whitewater park at the Falls. Numerous cities have made such investment and are now observing growing community participation in river recreation and also visitation from river recreationsists. Work for NC State's College of Natural Resources and focus our research and teaching on outdoor recreation and nature based tourism development. If you think we might be of any help in informing your decision regarding the possible development of the whitewater park, please do nto hesitate in contacting us.	Duarte B. Morais, PhD	Assoc. Professor, Parks, Rec & Tourism Mgmt NCSU Box 8004m 4008 E Biltmore Hall Raleigh, NC 27695
Yes	Falls whitewater park this sounds like a great idea for adults and youths and great family outings spot. As of now to go to a whitewater park we must drive to Charlotte, NC and why not keep to money and the fun local paddling is a great activity for young and old alike.	Don Frank	<a href="mailto:dwfrank@charter.net">dwfrank@charter.net</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Carolyn J. Fidgeon	<a href="mailto:fidge@baybroadband.net">fidge@baybroadband.net</a>
Yes	I wanted to voice my support for the proposed Falls Whitewater Park. As one of thousands of paddlers who live in the Triangle area, we would love to be able to visit locally for a whitewaer park instead of having to travel to Charlotte or farther for whitewater paddling.	Leon Pfeiffer	<a href="mailto:friendswithdave@yahoo.com">friendswithdave@yahoo.com</a>
Yes	I have not been able to make any of the hearings because of business and family commitments but I wanted to write and give my support to the proposed Falls Whitewater Park. I have been paddling for a year now and can tell you it is an amazing outlet for a busy life. It is an great combination of excitement and relaxation. It would be a great asset to Raleigh's outdoor public resources if the park is built. Thanks for your consideration!	Rick Higgins	<a href="mailto:rickhigg@yahoo.com">rickhigg@yahoo.com</a> 919-675-9449
Yes	My name is Paul Ress and I live in Bowling Green, KY. I am writing you today to show my support for the Raleigh Whitewater Park. It will be a great financial asset for the city due to kayakers the fact that myself will drive great distances to use the park. Typically, I will spend the night in a hotel, dine at a local restaurant and fill up my gas tank in town when I visit a river. Please take this information into consideration. Please support the Raleigh Whitewater Park.	Paul Ress	<a href="mailto:pmress@gmail.com">pmress@gmail.com</a>
Yes	I'm contacting you today to show my support for the Falls Whitewater Park. Raleigh needs an outdoor attraction. I live in Orange Co, but would happily come use such an "out of the box" park like this. When I come I would bring all my paddling friends from Orange and Chatham Co. We would bring our hard earned \$ to spend at local businesses! This whitewater park would raise the "coolness" level of Raleigh. They would be talking about your park in Asheville! Please don't let the "NIMBY's" scuttle these plans. I'm not sure why the River Mills condo people are opposed to the park. It would seem to me that an attraction like this would only increase the value of their property, they must be yankees! Please keep up the good work. Thanks for your visionary plans!	Buddy Kelly	<a href="mailto:buddy@ceparts.com">buddy@ceparts.com</a>
Yes	I am writing in immense support of a Raleigh Whitewater Park on the Neuse River. Although not mainstream, whitewater paddling provides an excellent recreational opportunity for any outdoor enthusiast. I was fortunate enough to grow up in Pittsboro on the banks of the Haw River. I began paddling whitewater my senior year at Northwood High with my statistics teacher on the Lower section of the Haw before Jordan Lake. As a piedmont local and avid paddler, the benefits of a play park greatly outweigh any negatives. The community that forms around rivers is very strong. Providing accessible paddling locatgions continues to foster this community. With the growth of a community comes a new market for paddle sports and in turn a growth in business. I strongly encourage and support an initative of this sort and look forward to paddling in Raleigh.	Justin Kleberg	Team Jackson Kayak <a href="mailto:classvkleberg@gmail.com">classvkleberg@gmail.com</a>

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Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can do to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Yolanda Farmer	<a href="mailto:totlpraz@aol.com">totlpraz@aol.com</a>
Yes	Hello, I have been a paddler since 1993. I live outside Erwin, NC. I would drive to Falls Whitewater Park if you were to build it. I have several friends in this area that would join me. We love to eat good food after a workout on the river. We may need to get some gas for the trip home. Thanks in advance	Gil Williams	<a href="mailto:gilrw@embargmail.com">gilrw@embargmail.com</a>
Yes	I would like to voice my opinion about a possible whitewater park built below the Falls of the Neuse Dam, in that I am in full support of such a park being built. As an avid whitewater paddler I believe that nothing but good things can come from a venture such as this. The proposition is taking what is already there and making it better while causing minimal or if any ecological impact. I can say that every time I myself have been at Falls dam I have seen a multitude of spectators who if more exposed to kayaking would have an opportunity to learn at such a park if it were built. This park could also create an economic impact as well, in that the increase of people at the park would generate business for the local gas stations, restaurants, and even outdoor outfitters who stock kayaking supplies. What we are taking about is nothing like the USNWC in Charlotte where all of its features are man made, this park will be as natural as it is right now considers the banks and stream beds have already been altered by the construction of the dam. I sincerely hope my voice will be heard when it comes time for the consideration of a whitewater park at the of the Neuse Dam. Thank you for your time.	Shawn W. Sheffield	<a href="mailto:sheffield42@msn.com">sheffield42@msn.com</a>
Yes	I am writing to say I wish you would vote in support of the proposed whitewater park at Falls Dam. I am a Raleigh based kayaker that travels many miles to find water 12 months of the year. It would be a well placed amenity that would have plenty of use by both local paddlers and regional paddlers. I am also a volunteer with Team River Runner. We are a Triangle based chapter of certified kayak instructors that are teaching wounded and disabled veterans the sport of kayaking. This park could be a great asset in our teaching of these vets. It would allow our disabled vets an easy access to the water (kind of like a disabled parking space at the mall). One of our veterans is an amputee and this would greatly help his accessibility issues. I know this park would not be used by every resident. I do not personally run at Umstead, bike the Tobacco Trail in Durham, use the fishing ramp at Lake Wheeler, swim at the beaches of Lake Jordan, but taken as a whole they offer a wonderful array of options for the citizens of this area for outdoor activity. This would be a great addition to that group. It would also be an interesting beginning to the Neuse River trail. It is a shame that such a small group of property owners could derail a project with their objection. What is the average length of their residence in these condos?	Jeff Dennie	Raleigh Resident <a href="mailto:jeff.dennie@gmail.com">jeff.dennie@gmail.com</a>
Yes	I just wanted to express my support of the Falls Whitewater Park proposed near Falls Dam. This is a win/win situation for the paddling community and for the local citizens. I urge you to continue with this plan and implement it as soon as possible.	Tom Adams	<a href="mailto:paddlernc@gmail.com">paddlernc@gmail.com</a>
Yes	I wanted to write to you and voice my support for the Falls Whitewater park which has been under consideration by the City of Raleigh for a number of years now. I believe that this would be a tremendous asset to the community. In a time when books like "Nature Deficit Disorder" are best sellers and the obesity epidemic continues out of control, creating more and better outdoor recreation for your community can only be seen in positive light. I believe that it will draw people from neighboring communities for regional tourism. Living in Greensboro, I will say that I will definitely be visiting the park as much or more as I come to visit the Durham Bulls (which I already love to visit). As well, there are local concerns that this will damage the scenic view of neighboring condo owners. This is not true as the park will be out of site of the condos as they will be separated by a large island. Please help to make your community a better place.	Jeffrey C. Hatcher, MD	Conservation Chair Carolina Canoe Club <a href="mailto:jhatcher_md@yahoo.com">jhatcher_md@yahoo.com</a>
Yes	I've been living in Raleigh for 13 years, and been a whitewater kayaker for 11 years. I usually drive pretty far to go kayaking, up to 6 hours one way for weekend trips and cross country for longer trips. I so wish there is something closer to where I live where I can go paddling after work, or paddling a few hours on weekends and still have time to clean, mow the lawn, and go out with friends for dinner. I support the building of the Falls Whitewater Park. Thank you.	Jim Wei	<a href="mailto:jimwei@yahoo.com">jimwei@yahoo.com</a>



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Yes	I am definitely in favor of the proposed design for the whitewater park at Falls Dam. I am a resident of the City of Raleigh and look forward to seeing the city move forward on this project for which I will use the services.	Lorraine Burnham	5912 Chivalry Court Postal Code 27612 laburnham@bellsouth.net
Yes	I am very excited about the proposed whitewater park at Falls dam. Not only will it bring in paddlers who will visit from literally hours away (we travel to Weldon to play there, which is a two hour+ drive). It's a great teaching location for those of us who are kayak instructors - and for the City's Adventure Program.	Diane Owens	<a href="mailto:dowens5820@nc.rr.com">dowens5820@nc.rr.com</a>
Yes	This park will be money well spent. The biggest hardship on the Charlotte Whitewater Park is maintenance and upkeep. They have to treat the recirculated water, keep the pumps running, the concrete repaired, the conveyor belt serviced, that adds up to high maintenance cost. The Falls Whitewater Park will be a more natural setting with none of those maintenance costs. It will be a great park that we can be proud of.	Robert Martin	<a href="mailto:robert.martin@sp.diosynth.com">robert.martin@sp.diosynth.com</a>
Yes	I just wanted to let you know that I am in favor of the proposed whitewater park. I think it would be a great asset to the city of Raleigh and the whole river walk project. Thank you.	Andy Malinowski	701 Monna Drive, Raleigh, NC 27604 amski@nc.rr.com
Yes	I am extremely excited about the completed design and drawings of Falls Whitewater Park! I think this water park would be a great addition to the City of Raleigh and our community. Not only would Falls Whitewater Park bring more revenue to the City of Raleigh, but also advocates a healthy lifestyle and an activity that brings families and friends together. I look forward to seeing this vision become a reality!	Kelsie Ormsby	<a href="mailto:kpormsby@email.unc.edu">kpormsby@email.unc.edu</a>
Yes	I am a resident of Orange Co, NC that is totally stoked that the City of Raleigh is considering putting in a whitewater park at the base of Falls Lake Dam. I would come there to paddle, bring all my friends, and spend lots of money in your fair city. Kudos to Raleigh city officials in having the foresight and vision to dream this up. I think this raises the level of "cool" in Raleigh a thousand degrees!	Buddy Kelly	<a href="mailto:buddy@ceparts.com">buddy@ceparts.com</a>
Yes	This is a bargain! It will be a park that Raleigh can be proud of and it won't cost a lot of money to maintain. Unlike Charlotte's concrete ditch, this park will be in a natural setting, with no pumps, conveyor belts or purification systems to maintain. It's a win win.	R M Martin	<a href="mailto:robert.martin@sp.diosynth.com">robert.martin@sp.diosynth.com</a>
Yes	I am writing in support of the Falls Whitewater Park. It would be a great recreation for the folks in our area, as well as bring in people from other areas and help our business'. Thank you.	June Livingston	<a href="mailto:n_i_livingston@hotmail.com">n_i_livingston@hotmail.com</a>
Yes	I'm sending this in support of the falls whitewater park. This would be a great thing for the area both for recreation and local business.	Dave Livingston	<a href="mailto:dltmtnsurfer@yahoo.com">dltmtnsurfer@yahoo.com</a>
No	Please consider me against this project (kayaking park). Thanks.	John Hetherington	1500 River Mill Drive, #210 Wake Forest, NC 27587 <a href="mailto:jheth73@embarqmail.com">jheth73@embarqmail.com</a>
Yes	I'd just like to extend my strong support for the Falls Whitewater Park. I think the park will be a great asset to the citizens of Raleigh and will help bring in visitors from other counties. I like the park design and how it's taken shape with input from several communities in the area. Thank you.	Matt Daniels	<a href="mailto:mattyd01@hotmail.com">mattyd01@hotmail.com</a>
Yes	I'd like to take a moment to share with you why I'm in favor of the Falls Whitewater Park. As a long-time whitewater enthusiast, I've met a LOT of kayakers and canoeists, paddlers, from all over the world. In over 18 years I've never met someone who didn't care about the rivers they paddle. There's just something about getting to enjoy a stretch of river that draws people in, but draws us into a place beyond being a consumer of recreation to be a caretaker of Creation. The river itself is likely to be even cleaner and more cared for when the paddling community is connected to it. Thinking about PRIME location for this whitewater park, it will draw people from all over Eastern North Carolina who now have to drive as much as six hours to get to a decent whitewater stream. The opportunity for very much exists for this to become a landmark spot know by people all over the state. The park would give opportunity for safety trainin and boating courses not only for whitewater enthusiasts, but also for local fire and rescue departments. A set/structured course would allow for swift water rescue training to happen in a more controlled environment, helping workers to understand the dynamics of stream flow. There are many benefits to such a park. I do hope that you will consider the wide range of opportunity that exists as the next steps are taken in the process of development.	Justin Simmons	<a href="mailto:justin@lovechapelhill.com">justin@lovechapelhill.com</a>

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Yes	Raleigh City Council, I am an outdoor enthusiast and love the water. Since my amputation 24 years ago, water activities have been where I can be on a level playing field with able body athletes. My passion for the water led me to get my certification as a sea kayak instructor 12 years ago, and most recently, I started whitewater kayaking. Through my experiences, I have seen how the sport of kayaking can positively impact people who try it out. Raleigh has a great opportunity to offer a safe arena for current and future paddlers to enjoy the sport of kayaking; in addition, the project would improve this stretch of river aesthetically and create possible business opportunities for shops and restaurants. I hope you support this opportunity to better serve the residents of the Raleigh Area. Have a good day.	Wes Hall	<a href="mailto:weshall2001@hotmail.com">weshall2001@hotmail.com</a>
Yes	I am writing in support of the proposed Falls Whitewater Park. I recently relocated from Charlotte and really enjoyed having a whitewater park nearby. Even as someone who is not an avid paddler, the park would be a great place to spend an afternoon, especially with kids. It stands to reason that the existence of the park would draw others to the area, especially given the lack of comparable whitewater areas in the region. Finally, the park would offer an inexpensive form of recreation to area residents in these difficult economic times. Please support the park.	John Gardner	<a href="mailto:john.gardner@kqates.com">john.gardner@kqates.com</a>
Yes	I would like to give my support to the Falls Whitewater Park, and hope that it becomes a reality. As an avid paddler for over 25 years, I would love to have a park in my home town. Thank you.	Michael S. Williams	<a href="mailto:michael.williams@firstcitizens.com">michael.williams@firstcitizens.com</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make the whitewater park a reality for the people of Raleigh and surrounding areas.	Lynne Stevens	<a href="mailto:lynne.stevens@ucb.com">lynne.stevens@ucb.com</a>
Yes	I support the Falls Whitewater Park. I believe a whitewater park would be a great addition to the City of Raleigh not only for boaters but as an additional resource for first responders to provide the training their members need to better serve our and other communities.	Luke Osborne	<a href="mailto:lukeosborne@earthlink.net">lukeosborne@earthlink.net</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Tom Wittekind	Raleigh, NC <a href="mailto:bigh2o@gmail.com">bigh2o@gmail.com</a>
Yes	I am writing to express my support to the city building a whitewater park at Falls Dam. I would love to have a recreational choice, such as this, closer to me than the current option of driving to the mountains. I think that it would add interest, income, and training facilities to our area. Development that increases the quality of life for the citizens of our city, gets a big vote in my eyes.	Lisa Wood	<a href="mailto:lisaveronicawood@gmail.com">lisaveronicawood@gmail.com</a>
Yes	I am in favor of the water park at Falls lake for the following reasons: it is a unique form of recreation in our area; it will bring additional money to the area; rescue personnel can do swift water rescue training there; it will be a fun place to spend an afternoon watching paddlers, wading, tubing, walking, picnicking; I'd like to learn to paddle and it's a shorter drive than heading to the mountains. Thank you for your time.	Jen Suchanec	<a href="mailto:jsuchanec@yahoo.com">jsuchanec@yahoo.com</a>
Yes	I am writing to voice my support for the Falls Whitewater Park. I live in Wintson-Salem, NC and would value this as a nearby place to practice whitewater kayaking skills.	Keith Adkins	212 Azura Trail Winston-Salem, NC 27106 <a href="mailto:keithadkins@hotmail.com">keithadkins@hotmail.com</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Adam Eckhardt	404 Columbia Dr. Raleigh, NC 27604 <a href="mailto:spasticplastic@gmail.com">spasticplastic@gmail.com</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Andrew Nixon	Duke University Medical Center 309 MSRB Building Research Drive Durham, NC 27710 <a href="mailto:anixon@duke.edu">anixon@duke.edu</a>



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Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Richard D. McNulty	<a href="mailto:rmcanulty@carolina.rr.com">rmcanulty@carolina.rr.com</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Tom Howard	<a href="mailto:tom.howard@bravematters.com">tom.howard@bravematters.com</a>
Yes	I support the proposed whitewater park, and believe it could be a very valuable resource for the city of Raleigh.	Todd Martin	<a href="mailto:wtm0907@gmail.com">wtm0907@gmail.com</a>
Yes	I am writing to express my support for the proposed whitewater park at Falls Dam in north Raleigh. As a longtime Raleigh resident, kayaker and lover of outdoor activities I am very excited about the possibility of this park being developed. The park would provide a very nice alternative to traditional outdoor activities and exposure to the great sport of kayaking for Raleigh residents. Further, it will provide a place to safely teach kayaking skills to the next generation of kayakers. I sincerely hope that you will vote in favor of the Falls Whitewater Park.	Kevin Cox	<a href="mailto:kcox@biolex.com">kcox@biolex.com</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Sarah Harris	<a href="mailto:sarahbeth308@yahoo.com">sarahbeth308@yahoo.com</a>
Yes	I just want to say that this is a great idea for boaters and even non-boaters. I can't wait to be able to take my 16 month old daughter to a great spot so close to home. I want to show her all the fun she can have learning about green shape and outdoor activity. Falls Whitewater Park will be a destination stop. I hope the city approves of this once in a lifetime opportunity.	Jill Fidgeon & Family	Wake Forest, NC <a href="mailto:jindinsdale@gmail.com">jindinsdale@gmail.com</a>
Yes	I am writing to voice my support for the construction of the Falls Whitewater Park. This would be a tremendous benefit to the City of Raleigh. It would offer another quality of life benefit to show people Raleigh is more than the suburban sprawl that mostly characterizes Raleigh now. I am an avid whitewater kayaker who would enjoy the park very much. I also have a wife and children who do not paddle but would benefit from the other amenities of the park. The proposed area for the park is now unmaintained, and frequently full of trash. There is a misconception by the residents of the Mill Rive Condominiums that the Falls Whitewater Park would increase the trash and become an eyesore. This is completely false. The park will be located on the other side of the river and hidden by the islands in the middle of the river. It will be situated on land that they do not own. Its layout will allow the land to be maintained in a cleaner safer environment than is possible now. To allow such a small minority of residents to derail something so beneficial would be a travesty. Please place your full support for the construction of this park. Even from it, even the vocal minority of those opposed to it.	John H. Grimes, Jr.	10312 Whitestone Road Raleigh, NC 27615-1234 <a href="mailto:jogremmy@yahoo.com">jogremmy@yahoo.com</a>
Yes	I'm writing to you both in support of bringing a Whitewater Park to the Falls Dam. As a beginner whitewater kayaker, I have to either drive to Charlotte and learn at the US Whitewater Center or drive to the mountains of North Carolina/Tennessee. Bringing this park to the Raleigh-Durham area would bring with it several things: a unique form of recreation in our area, it would bring additional money to our area, and quite frankly it would be a fun place to spend an afternoon watching paddlers or wading, tubing, walking, picnicking. As a native of Durham and a current resident of Chapel Hill, I am only beginning to learn of all the natural beauty of Wake County. I recently discovered Beaver Dam State Recreation Area and Falls Lake single-track hiking trail. This would provide yet another reason for me to come over to Wake County to find out and explore all it's offerings. Thank you for the consideration.	Gary Galloway	<a href="mailto:ggalloway@cbnewmedia.com">ggalloway@cbnewmedia.com</a>
Yes	I just wanted to express my support for a whitewater park on the Neuse in Raleigh. My sister and her family have lived in the area for years and it would be nice to have the park for my visits. It would bring to your area more often now that I have that and family there. I know of many paddlers that would make the trip there and they will spend money while there.	Bryan Kyle	<a href="mailto:bsk10@windstream.net">bsk10@windstream.net</a>

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Yes	Just a quick note to express my support for the white water park in Raleigh. I think it would be a great asset to the area. Also by is use by boaters and public viewing it will bring attention to any possible pollution/erosion problems that are experienced in Raleigh and down stream. I hope to see it built and able to use it soon.	Andy Malinowski	701 Monroe Drive Raleigh, NC 27604 828.3676 amski@nc.rr.com
Yes	I'd like to voice my support for the Falls Whitewater Park project. Although I'm a Cary resident, I would still view the park as a valuable addition to Raleigh's many high quality recreational facilities. Kayaking is a family friendly activity and generally facilitates a sense of environmental stewardship among it's enthusiasts.	Chris Nack	<a href="mailto:chris.nack@gmail.com">chris.nack@gmail.com</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Brian Dickinson	<a href="mailto:brian.dickinson@quintiles.com">brian.dickinson@quintiles.com</a>
Yes	I cannot see how this Park will have any impact on River Mills Condos. The whitewater section will be on the opposite side of the river blocked by an island. No one will be trespassing on their property, all of the activity will be on the opposite side of the river. They may still see a few fishermen, the area below the dame offers excellent fishing. The whitewater park will only improve the fishing. This place offers a wonderful opportunity for Wake County and Raleigh. A ready made whitewater park in a natural setting. This will not be an extreme whitewater run, it will be a gentle fun run for all to enjoy safely.	RM Martin	<a href="mailto:robert.martin@sp.diosynth.com">robert.martin@sp.diosynth.com</a>
Yes	I just wanted to take a moment and let you know that I am in support of the proposed Falls Water Park. I am part of the kayak community, and find that this community supports the larger community in supporting businesses, healthier lifestyle, and recreational opportunities to all who are drawn to the sport. I thank you for considering the proposal.	Paul Kovolew	<a href="mailto:pkovolew@yahoo.com">pkovolew@yahoo.com</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Reese Culbreth	1806 Bickett Blvd, Raleigh, NC 27608 919-623-1907 <a href="mailto:triptripp@earthlink.net">triptripp@earthlink.net</a>
Yes	I have a strong interest in the Whitewater park being developed on the Neuse. I am from Eastern Tn and this would give me a reason to travel over that way to paddle. It is a great idea and I look forward to being able to spend time boating in Raleigh.	Tommy Clapp	<a href="mailto:clappt@gmail.com">clappt@gmail.com</a>
Yes	I wanted to drop you a short note in support of moving forward with the new whitewater park on the Neuse River. As an avid paddler myself, I can speak firsthand to the passion that the paddling community has. Not only for their sport, but for being good stewards of rivers, environmental issues in general, and supporting paddling related causes. The group I paddle with goes out of their way to being part of positive solutions to a wide variety of causes. I believe they are exactly the type of people that you would want visiting your community. I also believe this park could be a big economic boost to the Raleigh community. That passion I mentioned for our sport drives many of us here in Central Virginia to other states in search of paddling opportunities. I would not hesitate for a second to come to Raleigh to paddle and support not only this park, but other businesses in the area. I thank you for your time and consideration. I wish you the best of success, and look forward to learning more about this project in the near future.	Steve Saylor	Monroe, VA <a href="mailto:allsky7@yahoo.com">allsky7@yahoo.com</a>
Yes	I learned this morning that plans are being considered for a whitewater park naar Raleigh. As a member of three different paddling clubs in the South East, I am excited about this possibility. Development of this facility would cause me to spend several weekends/overnights in the Raleigh area. While I would paddle, my wife would shop. The paddling community would truly welcome this, and the park would serve as a draw from throughout the entire region. -- Just wanted to communicate my enthusiasm.	Rick RegenfuDD	Elizabethton, TN <a href="mailto:rick.regenfuss@sti-distribution.com">rick.regenfuss@sti-distribution.com</a>
Yes	I'm a Raleigh resident that would love to sea the Falls Whitewater Park completed. I only started paddling 2 years ago with my wife and children and would appreciate the opportunity to share that experience so close to home. I believe the Falls Whitewater Prk would be a great asset to the City of Raleigh.	Chris Grindstaff	27613 <a href="mailto:chris@gstaff.com">chris@gstaff.com</a>



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Yes	I am mother of a ten year resident of North Raleigh and can not wait to share this great experience with my daughter. I support will all my heart the Falls White Water Park. The opportunities this park will create to expose her to sport and green space at the same time is unprecedented. I would hate to have to go all the way to Charlotte to get a similar experience, when we could go right in our own back yard. Please don't let Raleigh lost this once if a life time opportunity.	Jill Fidgeon & Family	<a href="mailto:jindinsdale@gmail.com">jindinsdale@gmail.com</a>
Yes	Please support the construction of a whitewater park at the base of Falls Lake dam. I have visited this location for general recreation and boating for a number of years. This enhancement of the park would be a benefit to the Triangle and to Raleigh. I am sure that local businesses would benefit from the park.	Bob Morris	106 Reton Court, Cary, NC 27513 <a href="mailto:roblmorris@gmail.com">roblmorris@gmail.com</a>
Yes	Although we do not live in NC, we spent quite a bit of time there in our RV enjoying your beautiful area (and whitewater). This park would certainly be an asset and draw many visitors (and there \$\$\$) to the area.	Jack Conrad	Aracadia, FL & wherever our RV is parked <a href="mailto:jconrad@busnut.com">jconrad@busnut.com</a>
Yes	I am a kayaker and an instructor. I would love to see Raleigh develop a whitewater park so that the citizens would have a safe and reliable place to plan and teach. Raleigh's Adventure Program would benefit from the park, as there are few places to take beginner kayakers. Most rivers are very rain dependant to be navigable. Having scheduled releases would make it easy for the Parks to offer it's programs on a regular basis.	Diane Owens	<a href="mailto:dowens5820@nc.rr.com">dowens5820@nc.rr.com</a>
Yes	I would like to voice my vocal support of the Falls Whitewater Park. This is a genuine positive for the city and virtually no downsides. The better cities in this country have unique features such as this that make it an attractive vibrant place to live. The Triangle area would greatly benefit from this Park.	Jeff Sailus	<a href="mailto:jsailus@gmail.com">jsailus@gmail.com</a>
No	<p>I am writing you to express my strong disagreement to the proposed whitewater park below Falls Lake Dam. I am opposed for several reasons. At the Mill we have many kayakers and canoeists who use the north channel of the river that is our home. People come from all around town to use the put-ins that are already in place, but the truth is that no one is closer to the river than us. We spend hours every day down by the river. We are familiar with its wildlife and its flow cycles. We pick up the trash on the banks that will increase if a park is built, and yet our collective voice had been ignored. Although our concerns have been voiced repeatedly the park proposals have only become more invasive. Not only are we still facing islands of artificial rocks are dredging of the south channel, we are now looking at a mechanical weir to be placed in the middle of the river. The redirection of water to the south channel may well put an end to the whitewater in the north channel that people now enjoy and place and eyesore in the middle of our beautiful river. Sadly, this is the least of my worries. These measures are proposed in order to make a park that will be useable at most only 105 days per year. I am positive that on most of those days few people will not even use the facilities because most people are working 5 days per week. I know this because there are not many people on the river presently in the middle of the work week! Subtracting the weekdays, the number of days that people are likely to turn out in numbers dwindles to 30 weekend days a year. The rest of the time the place will sit empty. How then can this project be justified? How can it even be worth the upkeep? Who will patrol the abandoned park 9 months a year when there are existing jurisdictional disputes about patrolling Falls Lake Dam after dark? Please remember that we are so concerned because this is our neighborhood at stake. I am aware that a small minority of paddlers in the area are vocal about their desire for a park, and I am sure the occasional whitewater tournament would be great fun to go to, but to forfeit the natural beauty of the river so that a handful of kayakers can have a park that is utterly useless for at least two-thirds of the year is a crying shame and a big waste of money. The part that most concerns me is the ecological impact to both channel of the river. This park could potentially ruin the small wildlife enclave that now exists, whose days I fear are already numbered with the inevitable expansion of both Raleigh and Wake Forest. From my front window I observe daily the geese, mallards, a great blue heron, and a reclusive night heron that all congregate directly where the proposed pooling area just above the first whitewater drop is to be. I do not want these animals to be disturbed and I am extremely upset that they might disappear altogether. Their nests will be ripped up and paved over with artificial rocks if the park planners have their way. Not only will we have an empty park most of the time, but the wildlife will be gone too. And on the rare days the park is actually used, the crowds will surely bring litter with them.</p>	Gene Dodd	River Mill #205 <a href="mailto:everettdodd@gmail.com">everettdodd@gmail.com</a>



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No	<p>There is enough trash already in the river. I know this because I and everyone else at the Mill pick it off the riverbank in front of my living room window. I am also concerned about noise pollution. Many of the kayakers who use the river are already discourteous with their yelling, which starts early in the morning and continues until late afternoon on release days. I am referring to constant call-and-response type yelling, for hours. They disregard the people that live here completely. I would normally enjoy seeing anyone take advantage of our beautiful public river, but as so few of the people seem to care that this is also our home, I simply cannot welcome further encroachment. I am convinced that the proposed park would be detrimental to the wildlife and the natural rapids in both channels of the river and bring with it more garbage and more noise. For the majority of the year the empty unlit parking lot and trails could even pose a public nuisance to the surrounding neighborhood. Thank you for your understanding; I hope you will help us do the right thing here.</p>	Gene Dodd	River Mill #205 everettdodd@gmail.com
Yes	<p>I'm taking a moment to drop you a note as a non-paddler but in support of the proposed whitewater park at Fall Dam. As a mountain biker, I enjoy and count on local parking and private land where I can ride without driving to the actual mountains. People who enjoy traditional sports may take this sort of thing for granted. There are tennis and basketball courts in every park, baseball and soccer fields on every street. These sports can also be enjoyed in driveways and backyards while most "nontraditional" sports don't share this luxury. Without local support in perfect locations, water sports enthusiasts have to travel great distances to enjoy their sport. A runner can put on trainers and hit the sidewalk, but a paddler has to pack the kids, pack the car, pay for a hotel or camp site and spend an entire weekend away from home for a few hours of recreation. Also, you will find in the kayak world what I see in my mountain bike community; upwardly mobile people with disposable income. This means you have a group of people that know that you have to take care of your environment and equipment; trash gets picked up, consideration is given to neighbors and those that live close to our parks, etc. Neither group is your typical 'bad neighbor' who would vandalize or even tolerate bad elements such as illegal drugs. Stereotypically we are white collar or well paid blue collar people who want to enjoy the beauty of nature, not take it for granted and abuse it. Currently, the Falls Dam area is little more than a bridge over a creek. With a whitewater park it could be a community area, a destination, a glowing example of all that our city has to offer to its citizens. As a mountain biker, I try to imagine my life without Umstead, or Lake Crabtree, Harris Lake Park, etc and all that I see in my minds eye is concrete and soccer fields. I might as well stay indoors or move to another city. Let's help our friends who paddle enjoy the same luxury as amateur soccer and basketball players. Your support for this park is support for a better Raleigh, a more forward thinking modern world where the out of doors isn't just something you see from your office window.</p>	Stephen A. Miller	stmiller@lenovo.com
	<p>I am writing you to voice my full support of the City of Raleigh's Falls Whitewater Park being considered for Falls Lake dam on the Neuse River. As a paddler, this is one of the best ideas that I've seen since moving to Raleigh in 1998. Raleigh has established itself as a great place to live for outdoor enthusiasts, thanks to the forward thinking actions of the city, and the addition of the park would be a superb contribution to this overall effort. As you know, there is a large community of paddlers in Raleigh, and the events held by Raleigh Parks and Recreation, such as the winter roll sessions, Rollapalooza, and kayak classes, are well attended. The nearest regular whitewater opportunities are 3-4 hours away, so having a whitewater park right here in Raleigh would greatly increase paddling opportunities for local whitewater enthusiasts like myself. In addition, it would attract people from surrounding areas to Raleigh. Finally, it would be a great boost to Raleigh Parks and Recreation in its outdoor programs. In short, I am in strong support of the Falls Whitewater Park. It would provide much needed recreational opportunities to myself and Raleigh, and would help strengthen the already great outdoor programs offered by Raleigh Parks and Recreation. I urge you to help see that this park become a reality in the near future.</p>	Edward Vargo	4108 Picardy Drive, Raleigh, NC 27612

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Yes	<p>My entire extended family of appx twenty members that all live in this county fully support the development of the falls whitewater park. The benefits grossly outweigh the negatives, no contest. For almost 90 years, the most commonly asked question to the BBB and the board of tourism in south bend, Indiana was: where is or how do we get to the university of Notre dame? The current most asked question is how do we get to the new whitewater park. How amazing is it that a "simple" water feature can replace one of this country's most beloved institutions in the amount of interest by the public. Try to focus on the big picture, we have poured hundreds of millions of dollars into trying to revive downtown, build skateboard parks, dog parks, jogging trails, and community centers - throw the rest of us (those of us who prefer the great outdoors to the high rise and asphalt) a bone. I humbly ask you to consider the objections, then using logic, deductive reasoning, and common sense, make the best decision and move forward with this project. Please remember, it's our tax money too, not yours. The Raleigh city council has already approved funding for streamside improvements in this specific area three times in the past without spending the allocated money. This will be one of the premier stops along the mountains to seas trail for hikers when it is completed. Their will never be a better time than right now, these improvements will only increase in cost. My wife and I spend tens of thousands of dollars a year on kayaking related trips and gear. It would be nice to spend more of that money at home and have our friends from out of state bring their dollars here to our area for a change. God knows our economy can use the influx of cash. Thank you for your consideration.</p>	J Mark Hoffman	<a href="mailto:aquaticmammal@nc.rr.com">aquaticmammal@nc.rr.com</a>
Yes	<p>I would like to take this opportunity to let you know that I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I have been a whitewater kayaker for 16 years now and am an instructor for the Raleigh Parks and Rec Adventure program as well as a volunteer instructor for the Carolina Canoe Club. A whitewater park as proposed in the design would be a tremendous teaching resource for both the city and the club. It would also give families a nice place to go and enjoy the outdoors and relax and experience something new. I have been a hiker and outdoor enthusiast for my entire life. We have plenty of hiking and mountain bike trails, parks and venues for all type of sports here in Raleigh and I dream of the day that the citizens of Raleigh can experience something as wonderful and different and special as a whitewater park. It would show an even greater diversity to have a whitewater park added to this list of wonderful resources. Having a resource such as this in Raleigh, will allow me (as well as many others) to stay home and do more things in this area along a sport that I love, but usually have to drive 3 to 6 hours away to enjoy elsewhere. I know that the addition of this whitewater park will be a reality for the people of Raleigh and surrounding areas.</p>	Lisa Birskevich	1895 Bellwood Drive, Raleigh, NC 27605 <a href="mailto:lbirsko@yahoo.com">lbirsko@yahoo.com</a>
Yes	<p>I see nothing but good coming out of a project like this. The opportunity it presents for the community is endless, disadvantaged kids being able to enjoy the sport of kayaking. I work with TRR an organization for Vets who want to learn to paddle. This park will give a venue in which to work with them without having to wait for rain or driving 4 hours. Plus it will maintain a cleaner environment at the dam which will make it a nice area for all.</p>	William Poorboy	<a href="mailto:wpoorboy@yahoo.com">wpoorboy@yahoo.com</a>

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Yes	I am writing in support of the Falls Whitewater Park and ask that you vote in favor of this project. The Triangle area has one of the largest whitewater paddling clubs in the southeast, with members leaving Raleigh to travel to western NC and neighboring states each weekend. The Carolina Canoe Club began in the 1970s and has continued to be an active club for 30+ years. In addition to paddling, club members participate in river cleanups each year (including the Neuse River) and hold safety training sessions for club members as well as emergency response personnel who want to take a swift water rescue class. The Park would allow paddlers to stay close to home and support local businesses (gas stations, restaurants, and outfitters). The designers of the Falls Whitewater Park have carefully considered the concerns of the individuals who live in the River Mills condos and oppose the Park. The whitewater course is designed on the opposite side of the river from the condos, with a very large island blocking the view of the course from the condos. Unlike the whitewater park in Charlotte, the Falls Whitewater Park is designed to blend into the setting. In addition to protecting the privacy of the condo owners as much as can be accommodated on a public waterway, the design carefully considered how to protect wildlife by keeping flow to all parts of the river. Falls dam is an area that draws people. The City of Raleigh is already acquiring land just downstream of the Falls dam and plans to extend the greenway system to the dam. Every time I have been to the dam, there are people fishing, picnicking, walking, and just enjoying seeing the water. This is a public resource for the City of Raleigh, a City that has developed recreational resources for many different groups. The Falls Whitewater Park could offer additional recreational opportunities and give the City another resource to market. Please vote yes for the Falls Whitewater Park.	Nancy Guthrie	<a href="mailto:nancy.guthrie@gmail.com">nancy.guthrie@gmail.com</a>
Yes	I am in favor of the proposed design for the whitewater park to be built on the south channel of the Neuse River below the dam at Falls Lake. I know that the addition of this whitewater park will greatly benefit the public and can generate income for local businesses. Please do all that you can to make this whitewater park a reality for the people of Raleigh and surrounding areas.	Brent Summerfield	<a href="mailto:bsummerfield@bellsouth.net">bsummerfield@bellsouth.net</a>
Yes	Raleigh is such a neat place to live for so many reasons, but for the outdoor enthusiasts there is something missing. Kayaking is a wonderful sport for ages 6 through at least 60. There are no good rivers in the area that run with any consistency. There are many people like us who live in the area and would really benefit from a whitewater park. Not to mention the way that whitewater kayaking can benefit the community. It would undoubtedly bring people in from across the country. Rafting, kayaking, you can hold events that would benefit all of the area businesses. Groups like Team River Runner that aid wounded vets getting on the water and learning to compensate and paddle anyway. I have seen the way that kayaking benefits youth. Giving them a way to challenge their bodies and believe in themselves not to mention that they learn the skill of making decisions for the sake of safety. I have seen this have a maturing effect on teens. A whitewater park would benefit countless Raleigh residents in many different ways. I am a huge supporter of this effort. Please, please, help us make this happen! Peace.	Braden Henry	<a href="mailto:braden@endlessriveradventures.com">braden@endlessriveradventures.com</a>
Yes	Positives for the park: (1) Keep boaters in Raleigh instead of us going out of town. (2) Concerns of homeowners have been met, this is a public river with long history of changes. The activities are out of their view. (3) Flows have been designed for wildlife (fish, other aquatic life). (4) Could be a bragging point for Raleigh - WW Park with greenway and amenities already being developed in that area.	Nancy Guthrie	6717 Valley Woods Lane, Cary, NC 27519
Yes	I support the whitewater park.	Jenis Grindstaff	1206 Merrion Park Ln, Morrisville, NC
Yes	I support the whitewater park.	Chris Grindstaff	9408 Does Run Ct, Raleigh, NC 27613
Yes	Obstacles in the path of boats need to be natural not brillo concrete. Suggest take activities of north flow at the proposed normal flow. To the best of my knowledge, in the Colorado courses, the shore features are designed to withstand flooding. How features to be maintained (like after flood)?	Paul Mobus	1617 Wedgeland Dr, Raleigh, NC 27615
Yes	A whitewater park in Raleigh would give me reason to visit here rather than Charlotte or Western NC. Please make this happen.	Ron Miller	2164 School St, Winston-Salem, NC
Yes	I support the Falls Whitewater Park. It will provide recreational opportunities and be an asset to our area.	Ruth Mead	203 Thorn Hollow Dr, Apex, NC 27523

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Yes	I support the Falls Whitewater Park. It mitigates for river recreation lost when Falls Dam was built, fulfilling a need the Corps identified but never implemented. It offers economic benefits for local retailers of outdoor gear and marketing Raleigh as a good place to live. More use by paddlers will result in less trash, because paddlers clean up rivers. Also more people will reduce undesirable behavior - which occurs when people are not around. Park of my work includes hydraulic modeling and the project should be able to be designed such that effects on flows and water levels in the north channel can be predicted and limited.	Jim Mead	203 Thorn Hollow Dr, Apex, NC 27523
Yes	Please support the Whitewater Park in Raleigh. I live and work in Raleigh and would like to spend my spare time in Raleigh rather than drive an hour to Pittsboro to paddle on the Haw. Thank you.	Andy Malinowski	701 Monroe Drive, Raleigh, NC 27604
Yes	I feel strongly that the Falls Whitewater Park would be a tremendous positive addition to the Raleigh Parks and Rec program, providing an incredible opportunity to the citizens of Raleigh as well as surrounding areas.	Sonia Johnson	606 Broad Leaf Circle, Raleigh, NC 27613
Yes	I support the Park and feel it would be a tremendous asset to the City of Raleigh and the surrounding area. This park would draw attention to the Neuse River and Falls Lake which should help with keeping the river and its surrounding area clean and free of miscreants.	Doug Stager	7508 Drayton Ct, Raleigh, NC 27615
Yes	I support the whitewater park - it would be another gem in the Raleigh parks network.	Mary Stager	7508 Drayton Ct, Raleigh, NC 27615
Yes	I support the Whitewater Park on the Neuse River. Currently I drive to the mountains and also to Weldon to paddle during most of the year. Having a close by park would be a great asset for outdoor recreation in this area. I would paddle there often. I would also spend money in Raleigh on meals and gasoline while there. People from as far west as Winston-Salem and as far east as the coastal counties would paddle there. Please build the whitewater park.	Sharon Myers	121 Viburnum Way, Carrboro, NC 27510
Yes	I strongly support the proposed Whitewater park. The park would be a huge asset to the Raleigh parks system and an economic driving force (related to paddle sports).	Wendy Krause	543 E. Jones St, Raleigh, NC 27601
Yes	I am a whitewater paddler and strongly support the construction of a whitewater park at Falls Dam.	Wayne Jones	720 Pebblebrook Dr, Raleigh, NC 27609
Yes	I wish to voice my support of the proposed ww park at Falls Dam. I think these would be unique and outstanding resource for both local residents as well as tourists. I also feel it would be a great resource for swift water rescue training for fire depts across the state.	Randy Welch	1124 Toppe Ridge Ct, Raleigh, NC 27615
Yes	I support the future whitewater park near Falls Dam. As a kayak nature conservationist, and member of the Carolina Canoe Club, I know that we would ensure the maintenance and beauty of the area. It would be a wonderful addition to our community.	Kurt McKissick	109 Newell St, Chapel Hill, NC 27516
Yes	We would love to spend some days at this park. If you build it, we will come!	Morgan, Tonya & Brenda Randell	701 Rosswood Rd, Chapel Hill, NC 27516
Yes	We support the idea of a whitewater park in Raleigh. We travel extensively to boat at other locations. With a whitewater park in Raleigh, we would stay in town more often and spend our money locally. In addition, many people from other parts of the state and region would see Raleigh as a travel/weekend destination if we had a whitewater park.	Mark & Dana Hoffman	811 Winter Hill Dr, Apex, NC 27502
Yes	I support the whitewater park project. I've been a resident of Raleigh for 23 years and have seen the vast improvement in our public amenities. We need a river park! Thanks!	Rick Higgins	618 Smedes Place, Raleigh, NC 27605
Yes	I strongly support the whitewater park. The members of the Carolina Canoe Club, who will probably be major users, are an environmentally conscious group and advocate good relations with the public - esp. landowners!	Lynn Wright	206 Dublin Woods Dr, Cary, NC 27513
Yes	As a resident of the piedmont triad and an outdoor enthusiast, I am excited about the new whitewater park. This will be a great addition to the community. It will be a fantastic draw for local as well as regional tourism. It will be something that the City can be proud of, that will distinguish it regionally and nationally. As well it will help to improve the health and happiness of the residents of Raleigh.	Jeff Hatcher	401 W. Bessemer, Greensboro, NC 27401
Yes	Enjoy catching the current features when I'm in town. Very much look fwd to playing @ the new park!	Todd Demianych	11 Yellowstone Dr, Greenville, NC 29617
Yes	I support the plans for the Falls Whitewater Park.	Amy	5500 Fortunes Ridge Dr, Durham, NC

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Yes	<p>I'm writing to voice my support for the Falls Whitewater Park. Access to parks, open space and recreational opportunities is a vital resource for all and I believe Falls Whitewater Park will be a valuable addition. While it's true, I am a whitewater enthusiast, and am indeed biased, I do believe that the park will benefit more than just the paddlers who are already invested in the sport. For all paddlers, advanced or inexperienced but interested, the park will be invaluable. It will provide a safe environment. At optimal flows, characteristics such as retention can be controlled. Control of depth of water and the shape of objects creating the features can reduce impacts when paddlers are flipped. Also, with the additional features that will be available at lower flows, those learning the sport will likely have an abundance of peers who can provide assistance if needed. Additionally, the predictability and accessibility of the Falls whitewater park will be a boon, twofold. The feasibility of paddling at flows lower than otherwise required will mean increased opportunities AND they will be local. On such occasions, drives from 90 minutes to 5 hours will not be necessary. Whitewater parks in general also provide opportunities for friends, family and passersby an opportunity to share the experience, which is often not possible due to the remote nature of paddling rivers. Such will be the case with the Falls whitewater park. The park will give those hiking the Mountains-to-Sea Trail and Neuse River Trail a chance to pause and (in the summer months) cool off in the designated viewing areas. I realize that such a park is specialized, but this is true of many parks, which is another supporting argument for Falls whitewater Park. It is just as important to provide specialized recreational opportunities as it is to provide multi-use spaces. The fact that the park will act as a greenway connection (with the Mountains-to-Sea Trail nearby and the Neuse River Trail being constructed) should not be overlooked either. Greenways tend to be widely utilized open spaces due to their simplicity. Lastly, I also recognize that building the Falls Whitewater Park will come at a sacrifice by others, whose generosity will be appreciated. The proposed design is aimed to minimize the impact the park will have on them. Hopefully they will come to realize that paddlers are no different than any other interest group out there - as a whole, responsible, respectful individuals. Thank you, I appreciate the time and effort.</p>	Curtis Belyea	Biologist/GIS Analyst NCSU cbelyea@ncsu.edu
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Yes	<p>I know that you are currently evaluating whether or not to support making a whitewater park below the Falls Lake Dam. I am writing this letter in support of this park. I am a member and instructor for the Carolina Canoe Club. The following is my justification for the park. The Raleigh area is a mecca for whitewater kayaking and canoeing. We have about 800 active members in the Carolina Canoe Club, and most of them are based in the Triangle area. This park can be very beneficial for advancing whitewater skills, teaching river safety, as well as providing local whitewater recreational entertainment. Furthermore, I know that whitewater is a fun sport to watch for those who are not involved in the sport. Currently, most members of the Triangle must drive to the mountains to run whitewater rivers or to sharpen their skills. This traveling costs money and lots of gas. Having a local training and recreational area will be very welcome to the club and the park will certainly be used. Furthermore, having the members skills honed by frequent training by having a readily available park will also draw spectators who enjoy watching whitewater activities. I can envision that this park could also be used for Swift-water training by both club members and local emergency agencies.</p> <p>I understand the concerns of the people who live near the park about noise and river traffic. I too enjoy privacy and quietude where I live. However, from what I saw of the current park design and from my experience of paddling this stretch of the river, it appears that the park will not challenge the nerves of the people who live near the river. The park will be opposite side of the river bank and channel of the condo. Also, the park appears to be blocked by an island. The noise will also be mostly drowned out by the "gray noise" produced by whitewater. Finally, I find that the club members are mostly a respectful and quiet group and they will be good citizens while in the park.</p> <p>In summary, I believe that (a) the design plans will minimize any distractions to local residence, (b) that the park will be used by the many members of the local paddling club, and (c) will make better and safer paddlers, and (d) that the park will be enjoyed by non-paddlers as well. I understand that for every decision that is made, it will impact some people in a positive and other people in a negative way. In this case, I think the park will create a more significant positive impact than negative impact. I would not support this park if it were not to be used, or if it were to hurt local residence or the community. Thank you for your time and consideration in reading this message.</p>	Greg Runyon	<a href="mailto:shreddogr@yahoo.com">shreddogr@yahoo.com</a>
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Yes	<p>I wanted to write in support of the proposed Whitewater park that is being considered for construction at Falls Dam. Personally, I think that the park would be a tremendous asset to the Raleigh area, offering yet another recreational outlet in the already rich RTP area. Below I have noted just a few of the reasons that I support this completely.</p> <ol style="list-style-type: none"> <li>1. It could serve as an important node on the Neuse River Trail greenway, encouraging greenway use and attracting additional users. The dam already serves as a focal point of activity and many people come out to watch the paddlers when the dam is releasing at higher levels. The level of activity at the Whitewater Center in Charlotte by the many non-sports people that just come to watch gives an idea of the attractiveness of an active water feature. People like to watch moving water; if managed correctly, this could be an important aspect of the value of the whitewater park to the City.</li> <li>2. As a side effect of increased activity and use of the greenway, it would increase awareness, understanding and concern of the Neuse River as an ecosystem and a valuable natural resource, hopefully leading to better policies and behavior regarding downstream.</li> <li>3. A whitewater park could serve as an active arm of Raleigh Parks and Recreation, acting as a base for youth and adult activities.</li> <li>4. A whitewater park would serve the citizens of Raleigh who paddle and would attract paddlers from the region, for both recreation and exercise.</li> <li>5. Environmentally, the awareness this would create for the valuable resource this river is to the area would increase tremendously. I truly hope you will consider all sides to this very unique opportunity of having something like this in the Raleigh area. The overall goal here is to act on the opportunity to create a public space that many could enjoy, a space that would attract users of multiple demographics and locations, while having minimal impact to the natural setting surrounding this site.</li> </ol>	Tiffany MacKinnon	<a href="mailto:tiffgringa@gmail.com">tiffgringa@gmail.com</a>
Yes	<p>My name is Amy Fox. I am a triangle resident, homeowner, and outdoor enthusiast. I am writing to voice my strong support of the Falls Whitewater Park project. Since moving to the Triangle in 2000 from Western Canada, I have been impressed with everything that the area has to offer. From world class universities to ample employment opportunities, vibrant arts scene, strong property values and a reasonable cost of living; I was eager to call the Triangle home and purchase property last year. The only element lacking from an otherwise ideal place to live is opportunity for outdoor recreation. I look around me and see city parks...and a great deal of potential. We have lakes and rivers that have been utilized and engineered to support our economic growth, why not take the opportunity to utilize these same resources for recreational enjoyment (and further economic stimulus) as well? I would like to say that I was not always a fan of the Whitewater park idea. Having visited the USNWC in Charlotte and man-made parks in Europe, I was at first not excited to imagine a gargantuan concrete structure siphoning natural and monetary resources from the City of Raleigh.</p> <p>Upon a detailed review of the projects drawings, objectives and visits to the site however, my mind changed 100%! What a tremendous opportunity we have to "enhance" a natural resource for the enjoyment of our community. This project has the potential to put Raleigh on the map for paddling enthusiasts, as well as create an attractive outdoor destination for area residents. It does this in an environmentally sensitive way, creating the potential to lead the way for whitewater parks in the future. I would be eager to own property in the vicinity of the site, as I believe the impact will contribute to beautification and erosion control as well. I urge you to strongly consider and support the plans for the Falls Whitewater Park. Thank you for your consideration and service.</p>	Amy Fox	<a href="mailto:amyraefox@gmail.com">amyraefox@gmail.com</a>

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11/3/10 to Present

Yes	<p>I am writing to express my strong support for the proposed Falls Whitewater Park below the Falls Lake Dam. My entire family are avid kayakers, and have been quietly following this project for several years with fingers crossed. I see that we are so close to realizing this vision, and the right decision is clear - approve the proposed plans and begin the work necessary to create this unique and wonderful resource as soon as possible. A park facility such as this will undoubtedly provide a unique and wonderful resource and many-fold return on any investments and efforts to complete this project.</p> <p>Since moving to NC in 1997 and taking up paddling activities, I have been incredibly impressed by the local, NC, and regional kayak and canoe community. Without exception, these are the most passionate, considerate, and community-environmentally-oriented, and wonderful people I know. We come from all walks of life, including doctors and police, teachers and business people, men and women, retirees and children. Nearly every week there are grass-roots efforts to get out to enjoy the local lakes and streams while picking up trash, often with dozens of paddlers participating. We go out of our way to make sure that we "leave I do understand that, as with any new project, there are those who will oppose this project for fear that it will somehow adversely impact them. However, I cannot imagine how the proposed project will have any negative impacts on the area - in fact, I am certain that opposite will be the case. This project will have a positive affect on the environment through careful design with minimal environmental impact, and ongoing efforts of the paddling community to "patrol" the area to prevent and clean up any trash that inevitable finds its ways into our waterways. Kayaks and canoes produce no pollution - no water, air, or noise pollution. It will be visually attractive and appear natural, but not obvious or even visible to neighbors. It will not require significant ongoing investment in infrastructure or services. As designed it will be safe - certainly preferable to the current practice of jumping into our kayaks to paddle the local streams after storms (this is the only current option to paddle in moving water in the area). This project will have a positive affect on local businesses, including hotels, restaurants, retailers, etc. But the long-term value to the region in terms of providing a unique attraction to bring businesses and jobs to the area is the true opportunity. It will provide family-friendly, healthy, positive leisure activities for the people of the Raleigh/Wake and surrounding areas, something that is currently not available. I can't stress enough how excited and hopeful I am that this amazing vision may soon become a reality. This is simply the right thing to do, and now is the right time to do it.</p>	Tom, Kim, Emily & Matthew Burke	10 Upton Court, Durham, NC 27713
No	<p>I could not more strenuously object to the proposed whitewater park adjacent to the River Mill Complex where I live. This park will damage the natural habitat for fish and wildlife preventing the herons from nesting in our area and the river from supporting the spawning of fish and as they have done for as long as the river has been in existence. It appears that this whitewater park will put an artificial playground in our front yard. I have to ask you, would you want to look out onto fake boulders and drive river bed in your front yard? I work quite a distance from my home at River Mill but come back every weekend to enjoy the peaceful quiet and stillness. Putting in this water park that would only be effectively used 1/3 of the year is a tremendous waste of money, would damage the environment, and make a peaceful setting where we all live and eyesore and a toxic environment. Please reconsider what you are doing to a truly beautiful region. Thanks.</p>	Ann Estabrooks	<a href="mailto:catapulta@ipass.net">catapulta@ipass.net</a>



1806 Bickett Blvd.  
Raleigh, NC 27608

January 6, 2011

City of Raleigh  
333 Hargett St.  
Raleigh, NC 27601

Dear Park Planners,

The Falls Whitewater Park Committee developed a website to help disseminate information about the park to the public. We included a petition for visitors to sign and to date have 418 signatures. Most people who signed the petition are from the Triangle area. However, the presence of signatures from the surrounding area shows that the park will draw people from other locations bringing money to Raleigh's economy. The park will anchor the greenway at the base of Falls Dam and create a gathering place for people to enjoy the river. People can swim, fish, wade, tube and paddle at the park. It will also be a valuable resource for the Parks and Recreation Department's kayak and canoe classes. Emergency responders will be able to practice swiftwater rescue in the park's features.

We appreciate the opportunity to work with the city to bring this project to fruition. There is a great deal of excitement within the paddling community about the whitewater park. We believe it will also bring new people to the sport and give our area a unique alternative to traditional sports. Thank you for considering the huge amount of support indicated by this petition.

Sincerely,

Elizabeth Gardner  
Falls Whitewater Park Committee

FROM THE ONLINE PETITION: <http://www.petitiononline.com/fallswwp/petition.html> (as of 1/5/11)

To: City of Raleigh

We, the undersigned, support and petition the City of Raleigh to develop a recreational and educational facility suitable for a variety of whitewater paddling skill levels and interests including a variety of features like waves/holes, rapids, eddies, features suitable for training beginner and novice paddlers, features suitable for instruction of swiftwater rescue techniques, a competition-friendly length and landscaping features that will make the area attractive to spectators and casual visitors.

While the site has already been significantly altered by the construction and presence of Falls of the Neuse Road and the Falls dam and Lake themselves and continued construction in replacing the Falls of the Neuse Road bridge in the near future will already create additional disturbance, we believe the Park project can co-exist with current features and uses and can even help mitigate erosive conditions already existing on-site.

Sincerely,

#	Name	Email	City	State	Comments
1	Larry Ausley	lausley@gmail.com	Cary	NC	
2	Mark Antonik		Raleigh	NC	
3	Adam M. Eckhardt	spasticplastic@gmail.com	Raleigh	NC	I support the Falls Whitewater Park.
4	Jenis Grindstaff		Raleigh	NC	
5	Edward Harvey	eaharvey@bellsouth.net	Raleigh	NC	
6	roger peterson	pud51301@gmail.com	Raleigh	NC	
7	Dennis Cobb		Whitsett	NC	
8	John McDonald		Durham	NC	
9	Jeremiah Cress	jccress77@aol.com	Asheville	NC	
10	John Mattox		Fayetteville	NC	
11	Brian Hedrick		Raleigh	NC	
12	Chris Grindstaff		Raleigh	NC	
13	Rick Steeves		Durham	NC	
14	Danielle Baker		Raleigh	NC	
15	Wendell Lawrence		Pittsboro	NC	
16	Michael S. Williams		Fuquay-Varina	NC	
17	Jill Fidgeon		Raleigh	NC	
18	Marc Harkness		Washington	DC	
19	Steve Bruno		Durham	NC	



20	Paul Scrutton	paul@paulscrutton.com	Durham	NC	Please make this park happen.
21	John Stevenson		Raleigh	NC	Falls Whitewater Park will only increase the value of the surrounding area and will drastically improve erosion in surrounding areas. This is a win-win and I'm not sure why people cant see this.
22	Garrick Taylor		Sanford	NC	I feel the park will add beauty and a source of recreation and entertainment to the area. That location is already being used in a similar fashion.
23	Larry Stewart		Knoxville	TN	
24	Elmer Eddy	elmer@whiteoakstewards.org	Trenton	NC	it will bring in people and money to the triangle
25	Thomas Womble	tfwomble@rocketmail.com	Arlington	TN	military, NCSU grad, intend on returning to NC
26	Wayne Jones	wayne@wjonesarchitecture.com	Raleigh	NC	I strongly support development of the whitewater park as a healthy and environmentally beneficial attraction for the City of Raleigh
27	Jacob Selander		Davis	CA	I believe the Falls Whitewater Park would be a great opportunity to increase the attractiveness of the area to the citizens. Also it would give the youth the opportunity for a interesting outdoor activities!
28	Stefan Schmidt		Cary	NC	
29	John Brunner		Yardley	PA	As a whitewater kayak instructor, I support the Falls Whitewater Park. This park will be beneficial in bringing year round instruction and paddlesports opportunities to the Raleigh area and provide economic benefit to local businesses.
30	Charles W Hunley Jr		Apex	NC	
31	Bret Harrison	beharrison@nc.rr.com	Clayton	NC	I fully support the Falls Whitewater Park
32	Brian Breedlove		Raleigh	NC	
33	Camille Warren		Raleigh	NC	The value of the Whitewater Park will extend beyond the whitewater paddling community. At lower water levels the proposed park will also be a great place for flat water paddlers to improve their maneuvering skills. Paddle sports is one of the fastest growing outdoor sports and the Triangle has a very large active paddling community. Having such a park locally will also benefit disadvantaged groups who will have an opportunity to be exposed to the sport and begin develop their skills without the expense of traveling longer distances to reach whitewater. Those

who enjoy fishing will also benefit as the park will create conditions that many types of fish love. Even non-paddlers and non-fishermen will have the opportunity to enjoy the park as spectators. The Triangle is a great place to live, work and recreate. The proposed Whitewater Park is an example of the types of recreational opportunities that set the Triangle apart. The proposed park as currently envisioned would have minimal adverse impact.

34	Mastafa Springston		Chapel Hill	NC	
35	Jim Wei		Raleigh	NC	
36	Carl Laird		Durham	NC	
37	Cal Coetzee		Durham	NC	
38	Linda Huff	lhuff1@mindspring.com	Rougemont	NC	
39	Kevin Kizer		Apex	NC	
40	Scott Driscoll		Goldsboro	NC	I support the Whitewater Park
41	Corrine Voils		Cary	NC	
42	WES DODSON		PITTSBORO	NC	
43	Rebecca Carter	recarter003@yahoo.com	BRYSON CITY	NC	
44	Zachary Miller		Raleigh	NC	
45	Luke Osborne	lukeosborne@earthlink.net	Raleigh	NC	
46	Roger E. Nott		Gainesville	GA	
47	Chris Creech	creech@unc.edu	Raleigh	NC	I am 110\% for this park happening!
48	Joe Berry		Greensboro	NC	I travel from Greensboro to paddle at Falls Dam. It will be a nice park for Raleigh. What a great city project.
49	Chip Lee		West End	NC	
50	David W. Adcock, Jr.	daveadcock@hotmail.com	Fuquay-Varina	NC	
51	MORgan RAndell	mrandell@nc.rr.com	Chapel Hill	NC	go outside!
52	Brent Settlemeyre		Wilmington	NC	
53	Dan Cox		Raleigh	NC	Lets make this park happen! I don't want to be to old and decrepit to paddle by the time this park rolls around!
54	Bethany Cox		Raleigh	NC	I am tired of hearing about this from my husband. Lets get it done city!
55	John Grimes		Raleigh	NC	
56	Annie Elmer		Madison	WI	
57	Delphia Weissert		Newport Beach	CA	
58	Daniell DiFrancesca		Youngsville	NC	
59	stanley stutts		Pittsboro	NC	
60	Kate Kelleher		Raleigh	NC	Ê
61	Lorraine Burnham		Raleigh	NC	

62	brett kaconas	jbkaconas@earthlink.net	Oxford	NC	This project will benefit anyone that enjoys the outdoors,not only paddlers but fishermen,day hikers,bird watchers & students alike.
63	Maggie Yearout		Raleigh	NC	
64	Marilyn Bonnett		Wake Forest	NC	
65	Bryan Stewart		Fayetteville	NC	
66	Jeffrey C. Hatcher, MD	jhatcher_md@yahoo.com	Mcleansville	NC	
67	ann patterson		Wake Forest	NC	It is a shame to not take advantage of having the most out of water you can get.
68	Sarah Ruhlen		Bristol	TN	I fully support the Falls Whitewater Park project.
69	Reese Culbreth		Raleigh	NA	
70	Shannon McGuigan		Cornelius	NC	It's a great thing to have a whitewater park in Raleigh
71	Jade Wei		Raleigh	NC	
72	Nancy Guthrie		Cary	NC	this is great for the city
73	Morton Barlaz		Raleigh	NC	
74	matthew daniels		Pittsboro	NC	
75	Jeff Sailus	jsailus@gmail.com	Durham	NC	Raleigh NEEDS a public recreational resource such as this.
76	Eric Stuart	ericstuart70@yahoo.com	High Point	NC	
77	Robert L Morris	rmorris@pobox.com	Cary	NC	Support of Falls Whitewater Park
78	eva klein		Raleigh	NC	
79	Trent Fentress		Stoneville	NC	
80	Steven Eckard	m18se@yahoo.com	Raleigh	NC	There are hundreds of avid paddlers in this area. The area in question is often used as a fishin' and drinkin' spot. The drinkers are sometimes underage and often leave their trash. A whitewater park is a much better use. Paddlers are very eco conscious.
81	Kyle Weinel		Wake Forest	NC	Raleigh needs an outdoor destination !
82	Elizabeth Gardner		Raleigh	NC	
83	Tom Burke		Durham	NC	
84	Edie Dickinson	nchmmngbrd@aol.com	Raleigh	NC	
85	Trevyn Leighton		Cary	NC	
86	Buddy Kelly	buddy@ceparts.com	Chapel Hill	NC	
87	Buddy Kelly	buddy@ceparts.com	Chapel Hill	NC	Raleigh needs an outdoor destination !
88	Eric Gardner		Greenville	NC	
89	Chris Gemma		Raleigh	NC	
90	Michael Keeney		Durham	NC	

91	Grant Howard	j.grant.howard@gmail.com	Raleigh	NC	
92	Gary Cozzolino		Cary	NC	
93	Dana Lapple		Durham	NC	
94	Ashley Mckenzie		Asheville	NC	Have have spent as much time at the falls tailwaters as anyone. This will be a great resource for the triangle!
95	Derek Coombs		Raleigh	NC	
96	Kurt A. McKissick	mckissickk@NC.rr.com	Chapel Hill	NC	this park would be a valuable asset to the area
97	sajin valiyaveetil		Cary	NC	
98	Jim Simpson		Raleigh	NC	Please!
99	Christopher Klingman	chrisklingman@gmail.com	Youngsville	NC	
100	Russ Condrey	RussCondrey@nc.rr.com	Raleigh	NC	This was promised when Falls Dam was built - time to "Get er Done!"
101	Janyne Kizer		Apex	NC	I fully support this facility
102	Wendy Krause	wekrause@bellsouth.net	Raleigh	NC	
103	Hunter Lane	lane.hunter@gmail.com	Raleigh	NC	This would be great for the City of Raleigh
104	Nick Honeycutt		Wake Forest	NC	
105	Randy Welch		Raleigh	NC	
106	Stuart Rose		Cary	NC	
107	Ken Peschell	WarEagleNC@embarqmail.com	Fuquay Varina	NC	
108	Marcus Norris		Raleigh	NC	I'm a fellow whitewater kayaker, and I would love to see this whitewater park project come to fruition.
109	Juliet Thomas		St Albans	England	
110	Michael Aycock		Cary	NC	
111	Peter A. Kuryla	kuryla@frontiernet.net	Canandaigua	NY	
112	April L Peschell		Fuquay Varina	NC	
113	Ann Poorboy	aempoorboy@yahoo.com	Durham	NC	
114	Del Huntsinger	k1fun@hotmail.com	Raleigh	NC	The Park would be a great addition to the park system
115	Shane Brown		High Point	NC	I lived in Raleigh for nine years and wish this park could have been completed while I lived there. I voted for the bond money to support it and would like to see it finished.
116	Russell Scheve		Durham	NC	As a Swiftwater Rescue instructor, teaching Wake, Durham and Orange County rescue squads and paddlers, this park will be a valuable local resource.
117	rao punnani		Durham	NC	
118	Pat Jennette		Raleigh	NC	What a great asset to North Raleigh

119	Amy Fox	amydancerfx@hotmail.com	Durham	NC	
120	tina carico		Raleigh	NC	
121	Joe Barkley		Bryson City	NC	
122	Walton C. Jennette		Raleigh	NC	
123	Jennifer Fahey		Morrisville	NC	
124	David Cunningham	dpc0809@gmail.com	Benson	NC	
125	William Seeley	will@getoutdoors.us	Greensboro	NC	
126	Sarah King		Raleigh	NC	A great opportunity for the City to expand the recreational and educational opportunities on the river.
127	Jenn Beck		Asheville	NC	
128	Craig Harms	craig_harms@ncsu.edu	Morehead City	NC	
129	Nathan Russell		Greensboro	NC	Great opportunity!
130	Dale Swanson	swanson.dale@gmail.com	Danbury	NC	A whitewater park would be an amazing asset for the local Parks & Rec
131	John Cope		Fuquay-Varina	NC	
132	Allison Cope		Fuquay Varina	NC	
133	Eric Teal		Raleigh	NC	
134	Jeff Francoeur		Raleigh	NC	
135	Paul Kovolew		Raleigh	NC	I wholeheartedly support the Falls Whitewater Park project
136	Al Overby		Oxford	NC	
137	Bernie Amero	neilc1233@hotmail.com	Gloucester	MA	
138	Daniel McPeake		Lynchburg	VA	
139	Pam Maynard		Greensboro	NC	
140	Tommy Pickeral		Gretna	VA	Closer than Charlotte
141	Jan Bolen	janbolen@yahoo.com	Chapel Hill	NC	
142	Robert High		Raleigh	NC	
143	chris oblinger	obie@liquidlogickayaks.com	Asheville	NC	we need it in Raleigh.
144	matthew clark		Raleigh	NC	
145	Garvin Deters		Asheville	NC	Our state capital needs great places to enjoy nature!
146	Katherine Chesnutt	kmchesnutt@gmail.com	Boone	NC	
147	Tyler Hoover	Dthoover52@yahoo.com	Greenville	SC	
148	Matthew Mabe		Wake Forest	NC	
149	Ethan King	eking7@carolina.rr.com	Charlotte	NC	I support the Falls Whitewater Park.
150	don weber	don82much@lycos.com	Wrightsville Beach	NC	
151	William D Sartin		Winston-Salem	NC	
152	Steve Mang	vmi84@earthlink.net	Raleigh	NC	
153	Nash Redwine		Oxford	NC	
154	David Kleiss		Cary	NC	
155	camye womble		Cary	NC	please provide funding for the Falls White Water Park



there is plenty of demand and support for such a park !!  
Why not give people a fun outlet in these hard times !!

156	Nicole King		Charlotte	NC	
157	david peacock	dpeacockjr@gmail.com	Raleigh	NC	go paddle!!!!!!
158	Seema Parmar-Sturkie		Durham	NC	
159	Kenny Eichler		Raleigh	NC	
160	Marianne Taylor		Raleigh	NC	
161	clay carmichael		Selma	AL	
162	William Pittman		Raleigh	NC	This will be a great asset to Raleigh!
163	Lucie & Elliott Hazen		Beaufort	NC	
164	Maureen Prosser		Raleigh	NC	
165	Richard Elliott		Ridgeway	VA	
166	Andrew Ritter		Raleigh	NC	
167	Damian Guido		Winston-Salem	NC	
168	Keith Chesnutt	rkchesnu@ncsu.edu	Raleigh	NC	I think this would be a great idea! There are plenty of paddlers around that would get real excited about this.
169	Natalie Freeman		Raleigh	NC	
170	Rebecca Redwine		Raleigh	NC	
171	Venitta Reeves		Wrightsville Beach	NC	
172	Terence Dash		Raleigh	NC	
173	Barrett Brewer		Raleigh	NC	
174	Tom Adams		Asheville	NC	
175	Karl Carr	carr.casey@gmail.com	Raleigh	NC	
176	John Eaddy		Chapel Hill	NC	
177	Ian Pond	iandavid33@hotmail.com	Durham	NC	Kayakers are protective of the environment and leave it cleaner than they find it. This is not only a healthy initiative for the local community but good for the health of Neuse River too.
178	marilyn rodriguez		Cary	NC	
179	Cynthia Womble	tfwomble4@comcast.net	Arlington	TN	This has been in the works for decades. Please finish it so my son can paddle there with his father.
180	Bozo Smith		Apex	NC	
181	Deva Carmichael		Tuscaloosa	AL	
182	Paul Ferguson		Raleigh	NC	
183	Keith Adkins		Winston Salem	NC	
184	Amos Ivey		Morganton	NC	
185	Mike McConeghy	mikem@comprint.com	Raleigh	NC	
186	Spencer Redmond		Raleigh	NC	
187	James Tanner		Raleigh	NC	

188	Patrick Smith	psmith18@nc.rr.com	Raleigh	NC	
189	William Pierce		Winston Salem	NC	none
190	Dan Welch	danwelch@nc.rr.com	Apex	NC	
191	Doug Stager		Raleigh	NC	Please lets build this. It will be a tremendous asset for the City of Raleigh and surrounding areas. We voted for this in a bond issue years ago.
192	Jenny Fogleman		Raleigh	NC	
193	Stuart Davis		Raleigh	NC	
194	Ed Edens		Raleigh	NC	I fully support the proposed whitewater park. I feel that most of the issues and concerns relayed by local neighbors to the project can be mitigated and will be significantly lessened by the Falls of Neuse Road Realignment Project, especially the traffic concerns. The whitewater park will dovetail nicely as an amenity in conjunction with the City of Raleigh's proposed Park on the old Leonard Tract and connectivity can be enhanced to both venues by the Upper Neuse Greenway. I look forward to enjoying this facility sometime in the future. It, along with the other recreational opportunities in this pocket of the City, are one of the reasons I moved to this area of Raleigh (about 1 mile from the site).
195	HH Hancock		Raleigh	NC	What a unique and great addition to the city of Raleigh
196	Gary Mason		Pittsboro	NC	
197	Jeanne Pierce		Walnut Cove	NC	
198	freddie lewis		Fayetteville	NC	drill here, drill now
199	Chris Borden		Fayetteville	NC	
200	Joe Greiner	joekayak@worldnet.att.net	Raleigh	NC	Usage already there. Minimum impact on existing facilities and/or traffic. Whitewater folk just need simple streambed modifications to make it usable over more flows. Education, safety training, fun,. What is a park for? Ths is it!!
201	William Poorboy		Durham	NC	
202	Andy Felton	andy@neuwavesystems.com	Raleigh	NC	
203	Will O'Connor		Macon	GA	
204	Kevin Ingram		Apex	NC	
205	Laura Evans		Chapel Hill	NC	The proposed facility would be a fabulous addition to the Parks system. It would add greatly to the recreation/education/training of citizens, as well as a draw for others. It will add variety to the range of opportunities making the Triangle area even more progressive and

206	Lisa Birkovich		Raleigh	NC	desirable than it already is.	
207	Jim White		Cary	NC		
208	Charles Landreth		Mayodan	NC		
209	Curtis Belyea	curtisbelyea@aol.com	Garner	NC		
210	Karen Hughes Goldstein		Durham	NC		
211	emily grimes		Raleigh	NC		
212	Tina Glover		Raleigh	NC		
213	Robert M. Zarzecki, Sr.		Raleigh	NC		I SUPPORT THE FALLS WWP
214	Jill Marlowe		Raleigh	NC		
215	Tina R. Zarzecki		Raleigh	NC		
216	Laurie Peel		Raleigh	NC		
217	Todd Zarzecki		Raleigh	NC	Please help cultivate this local natural resource. Sincerely, Rob Richardson	
218	Robert Richardson	rrichardson@co.wake.nc.us	Raleigh	NC		
219	Jesma Reynolds		Raleigh	NC	I am looking forward to using it.	
220	Jimmy C.		Raleigh	NC		
221	George Ploghoft	ploghoft@earthlink.net	Durham	NC		
222	Sallie Glover		Raleigh	NC		
223	Scott Swickle	sswickle@charter.net	Old Fort	NC		
224	Rebecca Hancock		Raleigh	NC		
225	Patricia Owens		Summerfield	NC		
226	Brian McPherson		Raleigh	NC		
227	andy malinowski	amski@nc.rr.com	Raleigh	NC		
228	Julie Caviness		Raleigh	NC		This would be fantastic! Something my kids and I would love!!!! we need a great park
229	Tricia LeCarpentier		Raleigh	NC		
230	Ariel		Fort Collins	CO		
231	Kyle Hovermale		Asheville	NC	This would be a great resource for the entire Piedmont outdoor enthusiast community!	
232	william k pierce		Gainesville	FL	Used to surf there during college. Great play feature, would love to see this area embraced by not only local paddlers, but the entire community.	
233	Will Selle		Boone	NC		
234	Amy Walters		Asheville	NC	Please consider the benefits of the park for the city!	
235	Will Leverette	managerisk@charter.net	Swannanoa	NC	I support this idea.	
236	Ashley McDonald		Asheville	NC		
237	kim abney	kim@abneyart.com	Knoxville	TN		
238	Jason Biggs		Cary	NC		

239	jason burke		Asheville	NC	
240	Derek Turno	DTurno@diamondbrand.com	Asheville	NC	For the WW park and the economy it provides.
241	Matthew Witt		Brevard	NC	Think about how much a basketball stadium costs. This will allow paddlers and prospective enthusiasts to enjoy this amazing sport.
242	Jared Dowler	jareddowler@hotmail.com	Asheville	NC	An outstanding opportunity to increase beneficial "traffic" to the area, not to mention the potential for additional water safety training for those seeking it.
243	James Trombley		Asheville	NC	If the opposition to this project could give one example of a project like this that went wrong, I would listen.
244	Lin Peterson		Raleigh	NC	
245	Walter Raines		Raleigh	NC	
246	Ryan Dodd	drdodd@ncsu.edu	Raleigh	NC	As a displaced WNC mountain resident I dearly need a white water park here in Raleigh for my mental and physical health!
247	Corey Scheip		Raleigh	NC	Outdoor recreation is underserved in Raleigh, help us out!
248	Danny Dodd	dannyd07@charter.net	Raleigh	NC	
249	James Kehler		Raleigh	NC	
250	Paul D. May	Ptmay.nc@gmail.com	Rolesville	NC	The Neuse River is a great resource for recreation and water quality education. The more people that see and use the river will be more people concerned about its quality.
251	Stacy Lynch		Raleigh	NC	
252	marc robinson		Raleigh	NC	this is a great plus for our community and should be supported
253	Charlie Mason		Mebane	NC	This would be a great addition to the area
254	James McManus	jmpmcmanus@yahoo.com	Durham	NC	Great idea!!
255	Stephan Herzog		Middlesex	NC	
256	Charlie & Kim Harding		Wendell	NC	Gas engines and other powercraft are allowed on other area waterways and cause pollution; a small whitewater park will have minimal impact
257	Brent Laurenz		Raleigh	NC	
258	kathy iverson		Durham	NC	anything cool like this adds to our desireability
259	John Pugh	john@sourcetosea.net	Raleigh	NC	
260	Robert Birdsall		Raleigh	NC	
261	Robin Oppenlander	skydesigns7@gmail.com	Cary	NC	wishing you the best of luck
262	Stephen Wilkers		Winston-Salem	NC	I travel to Raleigh a lot and would love to see the park go

263	kevin Anderson		Raleigh	NC	in!
264	William Service	wservice3@gmail.com	Raleigh	NC	Paddler and fisherman that loves this resource and supports responsible development of the park
265	Dwon Foye	ddfoye@hotmail.com	Raleigh	NC	This is long overdue in my opinion.
266	Marcus Reynolds		Chapel Hill	NC	At a time when obesity is a growing problem in our state, and television and computer/video games continue to draw our youth inside, a whitewater park would prove to be another valuable resource to draw people off of the couch and into the great outdoors. The park would promote and make more accessible to the people of the triangle another outdoor, athletic pursuit that promotes fitness and health.
267	ken cox	kcox37@triad.rr.com	Greensboro	NC	Need a more local natural paddling spot in the area. Got all of our support
268	Stephen Thomas		Raleigh	NC	Just Do It!
269	nate brissette	nbrissette1@yahoo.com	Raleigh	NC	this could bring many people to Raleigh, which Raleigh could thrive from and make more money.
270	Joshua Burton		Raleigh	NC	I would love to have this in Raleigh. I have family in Charlotte and recently moved to Raleigh from Kansas City. I had friends in KC that flew to Charlotte to visit the National Whitewater park. It celebrates our natural history and would generate tourism in the area.
271	shawn	spgoredo@gmail.com	Raleigh	NC	
272	Saul		Winston-Salem	NC	
273	Bailey		Winston Salem	NC	
274	James Pflaum		Raleigh	NC	
275	Chad Garrett		Fuquay Varina	NC	Please help this dream become reality!
276	Eric Miller	hookitforsafety@gmail.com	Raleigh	NC	I've been paddling at the falls for 11 years and I strongly support the push for a Whitewater Park! It would be a unique and wonderful addition to the Raleigh Parks network.
277	Chris Phelps		Lexington	NC	
278	William D. Young	youngwillyd@gmail.com	Ararat	VA	Looks like a very good idea.
279	Jack Conrad	jconrad@rvbus.net	Arcadia	FL	I frequent the Raleigh area for kayaking
280	Wendy Arthur		Waynesville	NC	
281	Ruth Steele		York	SC	



282	Ian Johnson	ian-johnson@earthlink.net	Charlotte	NC	
283	Justin Culbertson		Winston-Salem	NC	This would a great recreation area. It would provide an opportunity for swift water rescue training for emergency personnel and locals too.
284	Dennis Johnson		Durham	NC	
285	Martha James		Doswell	VA	
286	Duarte B. Morais		Raleigh	NC	
287	Susanne Dubrouillet		Raleigh	NC	
288	Eric Moye	eric.moye@hotmail.com	Greensboro	NC	I would likely travel from Greensboro 2-3 times a month to visit this park. Please make it happen.
289	Daniel Parks		Wake Forest	NC	
290	Chris Green		West End	NC	
291	Brandon Peacock	jbpeacock09@gmail.com	Raleigh	NC	I support the Falls White Water Park plan. I live 1500 feet from the proposed park.
292	Duke Taylor		Wake Forest	NC	
293	chris grubb	ctgrubb@hotmail.com	Charlotte	NC	Raleigh needs whitewater!!!!!!
294	Stephanie Cruthis	Cruthiss@yahoo.com	High Point	NC	This would be great for all paddlers to improve there skills and could save lives with swr classes
295	Charles Landreth	cblandreth@gmail.com	Mayodan	NC	we need a good water park that is also one that novice and intermediatte friendly
296	Craig Wood		Eden	NC	
297	Craig Rowe	crowe@hikeclimbsurfun.com	Raleigh	NC	Please let me know how I can help. I know a lot about PR and love the outdoors. hikeclimbsurfun.com
298	Adam Henderson		Indian Trail	NC	
299	jon oakley		greensboro	NC	please please. lets do it!
300	Alexa Sawyer		Raleigh	NC	I'm super excited about this!
301	Tess Mangum Ocana		Durham	NC	this would bring so many tourism dollars to the city!
302	Aaron Kesterson		Raleigh	NC	
303	Karissa Sampson	ks0097950@lmc.edu	Rolesville	NC	Paddler living in Boone, but from the Raleigh area
304	Jeffrey Hatcher	jhatcher_md@yahoo.com	McLeansville	NC	please develop this site to be the great public resource it can be
305	Rusty McLamb	rrmclamb2001@yahoo.com	Clayton	NC	
306	Evan Pattishall		Durham	NC	
307	Doug Cubbage		Raleigh	NC	
308	Steven Brooks	kayakin2surf@att.net	Raleigh	NC	I have been paddling at the Falls Dam since 1998 and have waited for a park for the majority of the time...
309	Göran Svensson	gs5709@telia.com	Eskilstuna	Sweden	Long live heroes

310	Robert C. Myers		Sellersville	PA	Summer Home Local
311	Kristine Jackson	Kristine@jacksonkayak.com	Rock Island	TN	
312	Nicholas Troutman		Rock Island	TN	I would love to see this project come from a dream all the way to the finish
313	Emily Jackson		Rock Island	TN	
314	Matthew Mauzy	mauzy@sorescue.org	Chapel Hill	NC	As a swiftwater rescue instructor for fire/rescue/ems agencies, I 110\% support the Falls Whitewater Park as a recreation area and as a premier safety training site.
315	Scott Owens	Tarheelemt@gmail.com	Chapel Hill	NC	This would be a fantastic resource for swiftwater rescue groups to train on as well as a great park.
316	Mike Davidson		Raleigh	NC	It will also be a benefit for the training of Emergency Responders
317	Jonathan Pozner		Chapel Hill	NC	
318	Brandon Kanupp		Chapel Hill	NC	
319	Renee Burton		Raleigh	NC	
320	Bennie Ellis	benniee@aol.com	Wake Forest	NC	
321	Leah Tilden		Haw River	NC	
322	Betsy Brooks		Raleigh	NC	This project has been too long coming, let's take it to fruition!
323	David Livingston		Raleigh	NC	
324	bill whiting	textux@bellsouth.net	mauldin	SC	This would be a huge benefit to Raleigh
325	Benjamin Peters		Mauldin	SC	The whitewater park is a fantastic idea and makes use of a beatiful natural resource. It will attract people from all over the Carolinas.
326	Richard Higgins	rickhigg@yahoo.com	Raleigh	NC	I support the waterpark!
327	Rebecca Powell		Cary	NC	
328	Wes Hall		Raleigh	NC	
329	Kevin Cox		Raleigh	NC	
330	Lynn Dickey		Cary	NC	
331	Will Summer		Raleigh	NC	
332	Deirdre Barlaz	dldb@mindspring.com	Raleigh	NC	
333	Sylvia DuRant		Smithsburg	MD	Even through I live in Maryland, I hope to be living in Raleigh soon. I strongly support this petition. Thanks for your consideration.
334	Lynne Attix		Raleigh	NC	
335	Naomi Barlaz		Raleigh	NC	PLEASE support Falls Whitewater Park
336	Mj May		Raleigh	NC	
337	Barbara Biederman		Raleigh	NC	
338	Brad Hessel		Raleigh	NC	We need more soccer fields, too.

339	Gina Massel-Castater	gcastater@nc.rr.com	Raleigh	NC	
340	Lucia		Chapel Hill	NC	great plan!
341	Lucia		Chapel Hill	NC	great plan! (DUPLICATE)
342	barbara gitman		Raleigh	NC	this will be great
343	Andrew Knell		Fayetteville	NC	
344	Sarah Machinist		Myrtle Beach	SC	
345	Ronna Freeman		Durham	NC	
346	Jack Conrad		Arcadia	FL	As a RVer, we travel to Whitewater destinations (and spend \$\$ in those4 areas)
347	Levi Dexel	ldexel@duaa.duke.edu	Carrboro	NC	As a kayak instructor and instructor at Duke, I feel that this white water park would be a great resources for many outdoor education centers in the area enabling us to enlist many more individuals in the conservation of the wonderful natural resources that our region has to offer.
348	Melissa Lawrence	Lilnuget@earthlink.net	Raleigh	NC	
349	Paul Harraka		Durham	NC	
350	Avery Berkowitz	avery.berkowitz@gmail.com	Durham	NC	Wonderful Idea
351	Gergely Nemeth		Durham	NC	
352	Larsa Al-Omaishi		Durham	NC	This would really add to the appeal of the triangle area and provide a healthy outlet for young and old alike to take part in outdoor adventures. Please please consider making it a reality. Thanks!
353	andrew		durham	NC	
354	Grant Oakley		Durham	NC	
355	Lim Xuan hong		Durham	NC	
356	Angela Moras		Raleigh	NC	Strongly in favor!
357	Rachel Krasich		Durham	NC	
358	Alice Taylor		Durham	NC	I would definitely make use of the park!
359	Forrest Sheldon		Durham	NC	
360	Tom Mercer		Durham	NC	
361	Katherine Morris		Durham	NC	
362	Josh Moore		Durham	NC	
363	Gregory Liggett		Durham	NC	
364	Pete Zselezky		Durham	NC	
365	Matthew Keshian		Durham	NC	
366	Evan Mayfield		Durham	NC	
367	Ryan Stoa		Durham	NC	
368	Justin Bart		Durham	NC	I'm so excited!
369	Julie Rivo		Durham	NC	
370	Taylor Pospisil	tg4@duke.edu	Durham	NC	

371	Matt Seehausen		DURHAM	NC	Providing another resource for paddlers like the USNWC is a great step to promoting one of NC's lesser known draws, whitewater.
372	Jiawen Cheong		Durham	NC	
373	John Temple		Durham	NC	Whitewater Park Please!
374	Michael Curtis		Burlington	NC	
375	Margaret Spini		Durham	NC	
376	Thomas Elliott Nailen Jr.	ten6@duke.edu	Fairview	NC	about time
377	Lewis		Durham	NC	
378	Ian Zhang		durham	NC	
379	Katie Biernacki		Durham	NC	this would be awesome! i would definitely go!
380	Matthew Thiery		Durham	NC	
381	John Holloway		Chocowinity	NC	I kayak the Tar River in Greenville at least 20 times a year. I also support the restaurants and Harris Teeter when I do.
382	Watts Mangum II		Durham	NC	Duke outpost fully supports This Recreational Park
383	Sven Schoenwasser		Durham	NC	
384	Joseph Howe		Boone	NC	
385	Fulton Byrne		Chapel Hill	NC	
386	Rob Stewart		Durham	NC	
387	J Reed Gilbert	reed.gilbert@duke.edu	Durham	NC	I am tremendously supportive of building a whitewater park at the falls. I have paddled there many times, and taught many fellow students at Duke how to kayak there. It is a phenomenally beautiful place, and I am convinced that this park would lead to better appreciation and greater enjoyment of the falls area. I also think that the park could provide a strongly needed solution to the bankside erosion problem, which ought to be addressed.
388	Philip Srebrev		Durham	NC	
389	Elizabeth Hester		Asheville	NC	PLEASE!
390	Ashley Tsai		Durham	NC	
391	Kelly Schuering		Durham	NC	
392	Lisa David		Durham	NC	
393	Kishan Shah		Carmel	IN	
394	Caroline Seng		Durham	NC	
395	Phillips Hogan		Durham	NC	
396	Yumian Deng		DURHAM	NC	
397	Amanda Tuck		Burlington	NC	
398	Stuart Webb		Durham	NC	
399	Kyle Slosek	kyle.slosek@gmail.com	Chapel Hill	NC	

400	Jessica		Gatlinburg	TN	witnessing the flood here in Nashville made me realize that our reSCue personal don't always know the best way to help a person out in the water. Having a park where the professionals trained would be a benefit to the community
401	Eliza Gentzler		Durham	NC	
402	Torrey Fourrier		Baton Rouge	LA	
403	Jordan Montgomery	jordanmontgomery@hotmail.com	Durham	NC	
404	Nathaniel Keating		Weehawken	NJ	I LOVE WATERRRRRRRR!!!!
405	Vinalia Tjong	pingue_vin@hotmail.com	Durham	NC	
406	Richard M. Zablocki	riversedge1@suddenlink.net	Washington	NC	Whitewater excitement may help steer young people away from less desirable, even illegal, "adventures." My Grandkids and I do a Whitewater adventure every year.
407	Lisa Kara	lisakara@gmail.com	Harpers Ferry	WV	I support the Falls Whitewater Park.
408	Tina Rossi	tinamrossi@gmail.com	Raleigh	NC	
409	Jason Pier	jason.pier@gmail.com	Raleigh	NC	
410	Matthew Hellmers		Cockeysville	MD	
411	Katy Millberg		Wendell	NC	As a new paddler, this would give a great close-to-home option to gain great experience!
412	Tammy Creech		Raleigh	NC	
413	Emily Wellman		Carrboro	NC	
414	Kaitlin Pattishall		Durham	NC	
415	Jacob Matheny	Jakematheny@hotmail.com	burlington	NC	This park is an amazing idea, and will be sure to bring in tourist and business for the area.
416	Josiah Johnson		Asheville	NC	
417	Eric Barclay	EBarclay84@aol.com	New Bern	NC	I would happily drive from New Bern to Raleigh for the opportunity to paddle at the whitewater park.
418	Nicole Hampsten		Chapel Hill	NC	





## Appendix II

### International Scale of River Difficulty

## APPENDIX II - INTERNATIONAL SCALE OF RIVER DIFFICULTY

**Class I: Easy.** Fast moving water with riffles and small waves. Few obstructions, all obvious and easily missed with little training. Risk to swimmers is slight; self-rescue is easy.

**Class II: Novice.** Straightforward rapids with wide, clear channels which are evident without scouting. Occasional maneuvering may be required, but rocks and medium sized waves are easily missed by trained paddlers. Swimmers are seldom injured and group assistance, while helpful, is seldom needed. Rapids that are at the upper end of this difficulty range are designated "Class II+".

**Class III: Intermediate.** Rapids with moderate, irregular waves which may be difficult to avoid and which can swamp an open canoe. Complex maneuvers in fast current and good boat control in tight passages or around ledges are often required; large waves or strainers may be present but are easily avoided. Strong eddies and powerful current effects can be found, particularly on large-volume rivers. Scouting is advisable for inexperienced parties. Injuries while swimming are rare; self-rescue is usually easy but group assistance may be required to avoid long swims. Rapids that are at the lower or upper end of this difficulty range are designated "Class III-" or "Class III+" respectively.

**Class IV: Advanced.** Intense, powerful but predictable rapids requiring precise boat handling in turbulent water. Depending on the character of the river, it may feature large, unavoidable waves and holes or constricted passages demanding fast maneuvers under pressure. A fast, reliable eddy turn may be needed to initiate maneuvers, scout rapids, or rest. Rapids may require "must" moves above dangerous hazards. Scouting may be necessary the first time down. Risk of injury to swimmers is moderate to high, and water conditions may make self-rescue difficult. Group assistance for rescue is often essential but requires practiced skills. A strong Eskimo roll is highly recommended. Rapids that are at the upper end of this difficulty range are designated "Class IV-" or "Class IV+" respectively.

**Class V: Expert.** Extremely long, obstructed, or very violent rapids which expose a paddler to added risk. Drops may contain large, unavoidable waves and holes or steep, congested chutes with complex, demanding routes. Rapids may continue for long distances between pools, demanding a high level of fitness. What eddies exist may be small, turbulent, or difficult to reach. At the high end of the scale, several of these factors may be combined. Scouting is recommended but may be difficult. Swims are dangerous, and rescue is often difficult even for experts. A very reliable Eskimo roll, proper equipment, extensive experience, and practiced rescue skills are essential. Because of the large range of difficulty that exists beyond Class IV, Class V is an open ended, multiple level scale designated by Class 5.0, 5.1, 5.2, etc... Each of these levels is an order of magnitude more difficult than the last. Example: Increasing difficulty from Class 5.0 to class 5.1 is a similar order of magnitude as increasing from Class IV to Class V.

**Class VI: Extreme and Exploratory.** These runs have almost never been attempted and often exemplify the extremes of difficulty, unpredictability and danger. The consequences of errors are very severe and rescue may be impossible. For teams of experts only, at favorable water levels, after close personal inspection and taking all precautions. After a Class VI rapids has been run many times, the rating may be changed to an appropriate Class 5.x rating.

*Developed by American Whitewater for rating of rivers for private (non commercial) boating. Does not necessarily apply to professionally guided rafting.*





## Appendix III

### Hydrologic Impacts of Project

## Appendix III - Hydrologic Impacts of Project

### Flood Impacts

The project lies within a regulated flood plain and therefore the project must meet a zero rise criteria. The certified FEMA regulatory model (HEC-RAS) for the Falls of the Neuse River was obtained and used for the project<sup>1</sup>. The main structures of concern within the project reach include the Falls of Neuse Road Bridge and the River Mills Condominiums on the north bank of the river. The FEMA existing conditions model was modified to include cross sections at the proposed river features as well as critical locations such as high bedrock areas or adjacent to the structures of concern. The model was executed and baseline existing hydraulic conditions were established. The existing conditions model was modified to reflect the proposed whitewater course features and run to determine the impacts to the flood plain. As shown in the following table the proposed improvements result in zero rise to the regulatory floodplain, as measured in tenths of a foot. Further refinements to the whitewater course should be modeled during final design to determine ultimate impacts to the regulatory floodplain and structures of concern. The additional modeling and supporting documentation will likely be required as a portion of a floodplain development permit application. While it is not likely that a substantial increase in flood elevations will occur as a result of the project, the impact once final design is completed should be discussed with the local floodplain administrator to determine if a floodplain development permit will be required or if a revision to the base flood elevations via the CLOMR/LOMR FEMA process will be required.

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<sup>1</sup> There is a new model which incorporates the proposed Falls of the Neuse Road Bridge, however it has not been certified by FEMA and was not available for design at the time of this study.

Proposed Conditions			Existing Conditions			Difference
River Sta	Q Total (cfs)	W.S. Elev (ft)	River Sta	Q Total (cfs)	W.S. Elev (ft)	(ft)
12350	11100	205.19	12350	11100	205.16	0.03
12300	11100	205.21	12300	11100	205.18	0.03
12230	11100	205.22	12230	11100	205.19	0.03
12190	11100	205.18	12190	11100	205.14	0.04
12170 Bridge			12170 Bridge			0
12150	11100	205.16	12150	11100	205.13	0.03
12100	11100	205.17	12100	11100	205.14	0.03
12060	11100	205.17	12060	11100	205.14	0.03
12010	11100	205.13	12010	11100	205.12	0.01
12009	11100	205.13				
12008	11100	205.15				
11931	11100	205.1				
11930	11100	205.09	11930	11100	205.1	-0.01
11929	11100	205.09				
11860	11100	205.09	11860	11100	205.08	0.01
11801	11100	205.06				
11800	11100	205.06	11800	11100	205.06	0
11799	11100	205.06				
11710	11100	205.07	11710	11100	205.07	0
11590	11100	205.07	11590	11100	205.07	0
11540	11100	205.06	11540	11100	205.06	0
11470	11100	205.05	11470	11100	205.05	0
11370	11100	205.02	11370	11100	205.02	0
11270	11100	204.99	11270	11100	204.99	0
11170	11100	204.97	11170	11100	204.97	0
11080	11100	204.97	11080	11100	204.97	0
10980	11100	204.95	10980	11100	204.95	0
10890	11100	204.91	10890	11100	204.91	0
10800	11100	204.86	10800	11100	204.86	0
10710	11100	204.83	10710	11100	204.83	0
10590	11100	204.82	10590	11100	204.82	0
10490	11100	204.76	10490	11100	204.76	0
10400	11100	204.73	10400	11100	204.73	0
10290	11100	204.69	10290	11100	204.69	0
10200	11100	204.69	10200	11100	204.69	0
10100	11100	204.63	10100	11100	204.63	0
10000	11100	204.62	10000	11100	204.62	0
67	11100	202.1	67	11100	202.1	0

Tabular data from model run at 11,100 cfs flow.

## Impacts of Diversion to South Channel

The Diversion Option 1 reduces available water was analyzed for impacts to depth and flow in the North Channel. A similar analysis was not done for Option 3, but should be performed if it is considered further.

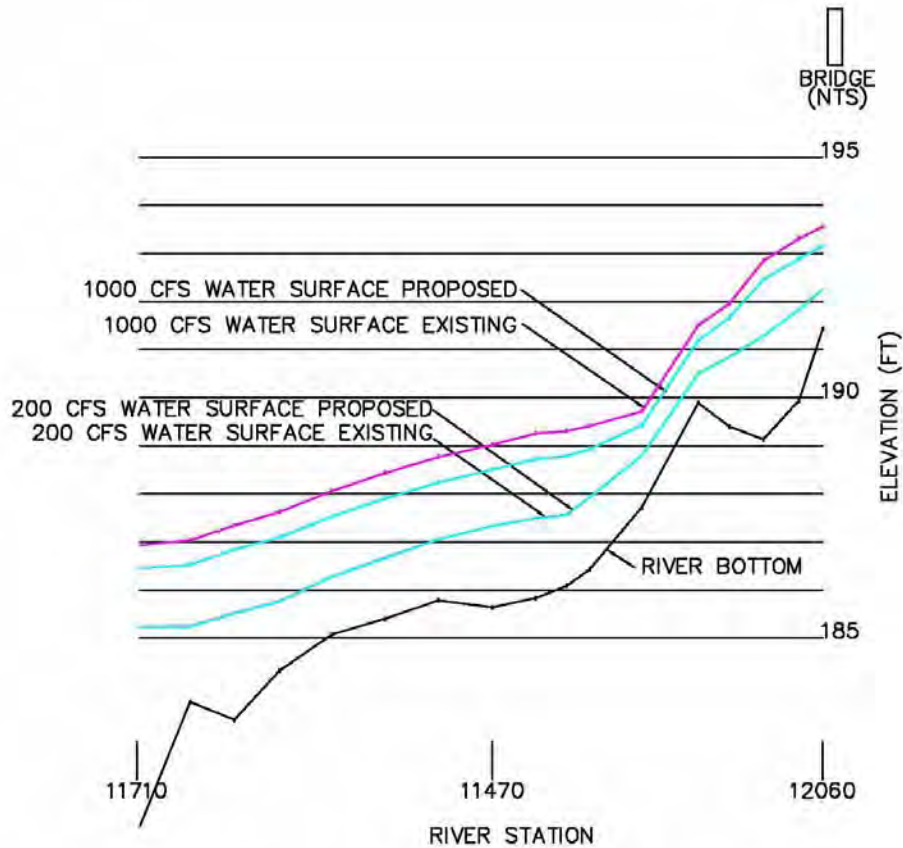
The existing and proposed conditions in the North Channel were modeled in Hec Ras using the flow split from the 2D modeling. The flows 200 and 1,000 cfs net in the river were used. The resulting flows as modeled below are:

Total River Flow	Proposed Conditions North Channel	Existing Conditions North Channel
200 cfs	150 cfs	152 cfs
1000 cfs	600 cfs	868 cfs

Proposed Conditions Model - Fixed Crest North Channel						Existing Conditions Model Output - North Channel						Comparative Table		
HEC-RAS Plan: Plan 01 River: Neuse Reach: North Split						HEC-RAS Plan: Plan 01 River: Neuse Reach: North Split								
Reach	River Sta	Q Total	W.S. Elev	Vel Chnl	Top Width	Reach	River Sta	Q Total	W.S. Elev	Vel Chnl	Top Width	WSEL Difference	Velocity Diff.	Width Diff.
		(cfs)	(ft)	(ft/s)	(ft)			(cfs)	(ft)	(ft/s)	(ft)	(ft)	(ft/s)	(ft)
North Split	12060	150	192.24	2.77	127.53	North Split	12060	152	192.25	2.78	127.66	-0.01	-0.01	-0.13
North Split	12060	600	193.15	2.61	251.46	North Split	12060	868	193.55	2.58	268.58	-0.40	0.03	-17.12
North Split	12010	150	191.81	1.98	111.08	North Split	12010	152	191.82	1.99	111.24	-0.01	-0.01	-0.16
North Split	12010	600	192.88	2.79	152.86	North Split	12010	868	193.3	2.99	199.74	-0.42	-0.2	-46.88
North Split	11930	150	191.27	2.61	76.16	North Split	11930	152	191.28	2.61	76.54	-0.01	0	-0.38
North Split	11930	600	192.45	3.33	136.48	North Split	11930	868	192.84	3.7	143.14	-0.39	-0.37	-6.66
North Split	11860	150	190.84	2.52	55.77	North Split	11860	152	190.84	2.53	55.86	0.00	-0.01	-0.09
North Split	11860	600	191.66	4.58	103.09	North Split	11860	868	191.95	5.34	113.71	-0.29	-0.76	-10.62
North Split	11800	150	190.49	1.9	152.48	North Split	11800	152	190.49	1.92	152.5	0.00	-0.02	-0.02
North Split	11800	600	191.19	3.2	158.66	North Split	11800	868	191.49	3.67	161.62	-0.30	-0.47	-2.96
North Split	11710	150	188.78	3.52	98.6	North Split	11710	152	188.79	3.5	98.69	-0.01	0.02	-0.09
North Split	11710	600	189.41	5.62	106.28	North Split	11710	868	189.71	6.22	111.25	-0.30	-0.6	-4.97
North Split	11590	150	187.93	1.73	126.73	North Split	11590	152	187.93	1.75	126.82	0.00	-0.02	-0.09
North Split	11590	600	188.95	2.43	173.69	North Split	11590	868	189.42	2.63	180.58	-0.47	-0.2	-6.89
North Split	11560	Lat Struct				North Split	11560	Lat Struct						
North Split	11540	150	187.55	2.55	104.77	North Split	11540	152	187.56	2.55	105.51	-0.01	0	-0.74
North Split	11540	600	188.8	2.36	186.23	North Split	11540	868	189.31	2.47	193.69	-0.51	-0.11	-7.46
North Split	11470	150	187.49	0.93	171.52	North Split	11470	152	187.49	0.94	171.79	0.00	-0.01	-0.27
North Split	11470	600	188.75	1.5	201.37	North Split	11470	868	189.26	1.72	205.96	-0.51	-0.22	-4.59
North Split	11370	150	187.33	1.79	84.05	North Split	11370	152	187.33	1.8	84.44	0.00	-0.01	-0.39
North Split	11370	600	188.54	2.75	122.39	North Split	11370	868	189.03	3.11	127.64	-0.49	-0.36	-5.25
North Split	11270	150	187.05	1.52	117.84	North Split	11270	152	187.05	1.53	117.88	0.00	-0.01	-0.04
North Split	11270	600	188.3	2.41	121.89	North Split	11270	868	188.78	2.82	123.02	-0.48	-0.41	-1.13
North Split	11170	150	186.66	1.99	92.65	North Split	11170	152	186.67	2	92.75	-0.01	-0.01	-0.1
North Split	11170	600	188.01	2.9	100.63	North Split	11170	868	188.45	3.44	101.47	-0.44	-0.54	-0.84
North Split	11080	150	186.26	1.9	79.98	North Split	11080	152	186.27	1.91	80.12	-0.01	-0.01	-0.14
North Split	11080	600	187.72	2.95	88.01	North Split	11080	868	188.09	3.67	88.86	-0.37	-0.72	-0.85
North Split	10980	150	185.8	2.33	76.47	North Split	10980	152	185.8	2.34	76.53	0.00	-0.01	-0.06
North Split	10980	600	187.46	2.99	85.36	North Split	10980	868	187.71	3.91	85.85	-0.25	-0.92	-0.49
North Split	10890	150	185.61	1.51	74.12	North Split	10890	152	185.61	1.52	74.16	0.00	-0.01	-0.04
North Split	10890	600	187.32	2.55	82.95	North Split	10890	868	187.47	3.52	83.3	-0.15	-0.97	-0.35
North Split	10800	150	185.42	1.85	78.62	North Split	10800	152	185.42	1.88	78.64	0.00	-0.03	-0.02
North Split	10800	600	187.2	2.43	102.76	North Split	10800	868	187.23	3.47	103.04	-0.03	-1.04	-0.28
North Split	10710	150	185.41	0.74	87.65	North Split	10710	152	185.41	0.75	87.67	0.00	-0.01	-0.02
North Split	10710	600	187.16	1.61	99.06	North Split	10710	868	187.15	2.34	99.04	0.01	-0.73	0.02

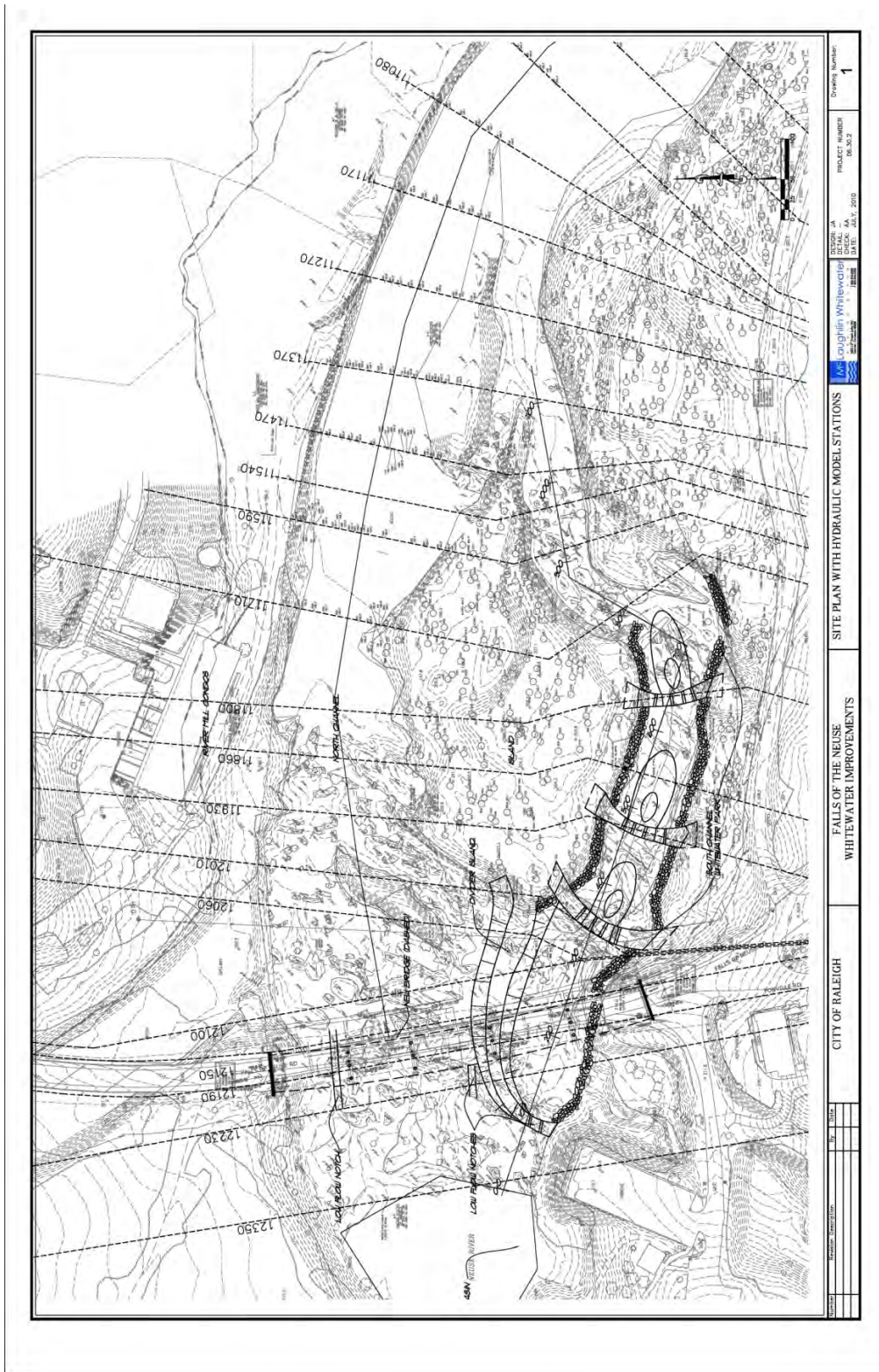
## Hydraulic Profile of North Channel, Existing and Proposed

Per the preceding tabular data the 200 cfs profile is nearly identical.





# Site plan Showing Locations of Hydraulic Modeling Stations



Appendix IV  
Memorandum from  
North Carolina Wildlife Resources Commission



## North Carolina Wildlife Resources Commission

Gordon Myers, Executive Director

### MEMORANDUM

TO: Cindy Szwarcok, Senior Planner  
Stewart Engineering  
  
Kathy Capps, Risk and Grants Manager  
City of Raleigh Parks and Recreation Department

FROM: Shari L. Bryant, Piedmont Region Coordinator  
Habitat Conservation Program

DATE: 5 April 2010

SUBJECT: Falls Whitewater Park

Biologists with the North Carolina Wildlife Resources Commission conducted a site visit of the proposed whitewater course on March 22, 2010. At the time of our site visit approximately 2,500 cfs was being discharged from the Falls Lake Dam. There were several anglers fishing within the proposed whitewater course. The purpose of our site visit was to evaluate existing aquatic habitat, and to identify potential impacts and/or benefits of the proposed project to stream geomorphology, instream flow, resident fish and freshwater mussel species, migratory fish species, and angling opportunities. We offer the following observations, comments, and suggestions:

#### Stream Geomorphology, Instream Flow, and Aquatic Habitat

Flow was very high during the site visit and it was difficult to see aquatic habitat within the south channel. However, we observed several bedrock features and a forested riparian buffer. Also, crappie (*Pomoxis* sp.) and white perch (*Morone americana*) were caught by several anglers fishing in the south channel. During the last meeting it was indicated that a substantial amount of rock would be needed to construct the whitewater course. The consultants indicated the south channel would need to be 8 to 12 feet wide for flow to be sufficient for whitewater paddling. However, it is unclear whether the entire south channel would need to be 8 to 12 feet wide or if only the features would be this width. The south channel appears fairly wide and this would take a substantial amount of rock to narrow the channel to 8 to 12 feet. Also, it was indicated that the river bank would need to be stabilized to allow foot traffic. Based on our observations, and the information provided at the previous meeting, we ask that the following be considered in the development of the whitewater course.

- Any rock added to the south channel will need to be sufficiently anchored to prevent downstream movement. Very high downstream flows can result from water releases from Falls Dam particularly during high rainfall events.

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**Mailing Address:** Division of Inland Fisheries • 1721 Mail Service Center • Raleigh, NC 27699-1721

**Telephone:** (919) 707-0220 • **Fax:** (919) 707-0028

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- Installation of rock within the south channel should not create flow conditions that result in stream bank erosion or channel degradation upstream, within, or downstream of the whitewater course. Also, by reducing channel width and increasing the amount of water in the channel during certain flows, water elevations will increase. Bank slopes may need to be stabilized for water elevations at different discharge levels.
- Installation of additional rock structures within the south channel should work with the natural geomorphology and flow patterns of the stream. Also, effects of sediment transport should be considered in the design of the whitewater course.
- Hardened structures (e.g., rip rap) should be avoided, or at least minimized, for bank stabilization. If any hardening structures are needed, then these should be installed to avoid creating flow conditions that result in downstream bank erosion or channel degradation.
- Protect existing vegetation and trees within the riparian buffer to maximum extent possible; however, management of invasive species would be appropriate.
- Consider minimizing longitudinal access to the stream bank by providing a trail located away from the stream bank and selected viewing platforms for the whitewater features and/or course. To further minimize pedestrian access along the stream bank, consider planting shrub species along the stream bank to provide stream bank stabilization and to make the stream bank less friendly for pedestrian use.

#### Fish Passage

The whitewater course should be designed to allow passage of American shad and striped bass adults, eggs and larvae. Other species to be considered for passage include white perch and resident species such as crappie and largemouth bass.

#### Diversion Weir

We could not determine the location of the proposed diversion weir. The following information would be helpful in evaluating the effects of a diversion weir on stream flow and aquatic habitat in the river.

- Where the diversion weir would be installed.
- How large the diversion weir will be.
- Whether there will be any dewatered areas of the river during any period of the year as a result of construction of the diversion weir.
- Impacts to flow in the north channel. While the presentation included impacts to flow in the north channel from a percentage basis, it is unclear how the diversion weir will affect the flow pattern, wetted area, water depth, and subsequently the aquatic habitat in the north channel.

#### Angling Opportunities

Several anglers were fishing the south channel during our site visit. There is the potential for conflict between paddlers and anglers, particularly if the width of the south channel is significantly lessened. To minimize conflicts with anglers within the proposed whitewater course, we offer the following suggestions.

- One of the reasons angling may be popular in the south channel is the easy access and good aquatic habitat. Creating or improving angler access along the south channel downstream of the proposed whitewater course, or providing additional angler access to the north channel

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either from the island or north channel stream bank could minimize conflicts between these two user groups.

- The presentation shows construction of a pedestrian bridge to the island. This would provide access to the north channel. If a pedestrian bridge is constructed, we suggest improving angler access along the north channel stream bank on the island.
- It is unclear whether there is public access for fishing on the east/north side of Neuse River. If public access is available, then improving the pedestrian crossing along Falls of Neuse Road bridge would allow anglers to safely cross the river and fish on the east/north side of Neuse River and the north channel. Also, if public access is available on the east/north side of Neuse River, improving angler access in this area would provide additional areas for anglers to fish.

Thank you for the opportunity to participate on the Whitewater Park Steering Committee and to provide comments regarding the development of the proposed Falls Whitewater Park. If we can be of further assistance, please contact our office at (336) 449-7625.

ec: Bennett Wynne, WRC





## North Carolina Wildlife Resources Commission

Gordon Myers, Executive Director

### MEMORANDUM

TO: Cindy Szwarcop, Senior Planner  
Stewart Engineering

FROM: Shari L. Bryant, Piedmont Region Coordinator  
Habitat Conservation Program

DATE: 20 September 2010

SUBJECT: Falls Whitewater Park – Conceptual Course Design

On September 10, 2010, staff with the N.C. Wildlife Resources Commission and U.S. Fish and Wildlife Service met to discuss the proposed whitewater course conceptual design and its potential impact on aquatic resources, particularly diadromous species in Neuse River. Diadromous species include anadromous species such as American shad and striped bass that live in saltwater and spawn in freshwater, and catadromous species such as American eel that live in freshwater and spawn in saltwater.

#### Aquatic Resources in Neuse River

Aquatic resources in this section of Neuse River include resident fish species such as sunfish (*Lepomis* sp.), largemouth bass (*Micropterus salmoides*), crappie (*Pomoxis* spp.), and white perch (*Morone americana*). Diadromous species such as American eel (*Anguilla rostrata*), American shad (*Alosa sapidissima*), and striped bass (*Morone saxatilis*) historically have used this section of Neuse River. Freshwater mussel species such as the state threatened triangle floater (*Alasmidonta undulata*) have been documented in the south channel where the whitewater course is proposed to be constructed. Also, there are records for the state threatened Eastern lampmussel (*Lampsilis radiata*) and Carolina fatmucket (*Lampsilis radiata conspicua*), and historic records for the federal and state endangered dwarf wedgemussel (*Alasmidonta heterodon*), the federal species of concern and state threatened Carolina madtom (*Noturus furiosus*), the state threatened Roanoke slabshell (*Elliptio roanokensis*) and the state special concern Neuse River waterdog (*Necturus lewisi*) and notched rainbow (*Villosa constricta*) in Neuse River upstream of the confluence with Crabtree Creek.

#### Whitewater Park Conceptual Design and Fish Passage

On June 8, 2010, the N.C. Wildlife Resources Commission provided recommendations to address fish passage within the whitewater course in the south channel. We recommended developing a holistic approach to fish passage. This would have required measurements to be collected of the existing habitat (line transect type data) under low flow conditions. Then, we recommended that each characteristic (water velocity, water depth, passage width, abrupt drop) not be modified by more than 10%. So, for example, if the existing habitat has 40% of the stream width with water depths between 1 and 2 feet, (at

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some reference gage height), then between 30-50% of the channel should have these water depths after any stream bed modifications are made. This would maintain the habitat diversity needed by the existing fish community within this section of the Neuse River, but allow for some modification of the streambed to meet the objectives of developing a whitewater park.

On June 25, 2010, the N.C. Wildlife Resources Commission participated in a conference call with the design engineer, Mr. John Anderson, to discuss the potential to incorporate the above recommendations into the whitewater course design. Mr. Anderson indicated that adhering to our recommendations would not meet the objectives for the whitewater course. We tentatively agreed with Mr. Anderson's proposed conceptual design, but indicated we had concerns regarding the diversion weir/divider island and asked if that could be eliminated from the design. We were informed that while the whitewater course did not require a diversion weir/divider island, this was a design requirement by the project proponents. We indicated more information was needed on the effect of the diversion weir/divider island on flows in the north channel. It was clear diadromous fish would not be able to pass through the south channel due to physical barriers of the proposed whitewater course design, but if the diversion weir/divider island did not significantly affect flows in the north channel, then there may be the potential for diadromous fish to pass through the north channel.

Information and data were provided on the effect of the diversion weir/divider island on flows in the north channel. The data showed the greatest impact to flow would occur between 300 and 1,000 cfs; this is the flow range that is critical for diadromous fish passage. A cursory review of flow data from Falls dam showed that flows in the range of 300 to 1,000 cfs could be reduced up to 13% of the days between March 1 and May 31 in the north channel following construction of the whitewater course and diversion weir/divider island. At this point, we were concerned the whitewater course design would not allow for fish passage in the south channel, and reductions in flow could significantly affect fish passage in the north channel.

During the August 16, 2010 meeting, we shared these concerns with the Steering Committee members. Several questions were asked, and we agreed to further review the Neuse River hydrograph, and respond to the questions that were asked.

A review of the Neuse River hydrograph between 1971 and 2010 shows construction of the dam itself affected the frequency of flows in the 300-1,000 range; however, the proposed diversion weir/divider island would further reduce the frequency of flows in this range (Figure 1). At this time, we feel the project as proposed could be a migration barrier to diadromous species in the Neuse River by providing a physical barrier in the south channel and a flow barrier in the north channel.

#### Steering Committee Members' Questions

Question: With Milburnie dam still in place do we need to be concerned about anadromous fish passage?

Answer: Yes. Although Milburnie dam is still in place, there is currently a proposal to remove it. Even if it is not removed, there is the potential for fish passage around the dam to be provided at some point in the future.

Question: If the dam is removed will anadromous fish be able to get to Falls dam? How often?

Answer: Yes, diadromous fish will be able to get to Falls dam. There are historical records of diadromous species reaching the Eno River and Flat River upstream of Falls dam. American eel, American shad, and striped bass are expected to be able to reach Falls dam. It is anticipated American eels will reach Falls dam annually. How often American shad and striped bass get to Falls dam will

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depend on flows. We know it takes 500 cfs for American shad and striped bass to migrate to Milburnie dam and currently these species are able to get to Milburnie dam four out of every five years.

Question: What is the flow that anadromous fish need to pass through the north channel?

Answer: It is unknown at this time. At the previous meeting, we indicated 500 cfs as a conservative estimate for our cursory review of the Falls dam flow data since we know it takes 500 cfs for American shad and striped bass to reach Milburnie dam. Currently, we are reviewing Habitat Suitability Index (HSI) data for American eel, American shad, and striped bass to see if these data can provide better estimates of what the flow needs may be for each of these species. However, it is likely that we will not know definitively until fish have access to this section of the river.

Question: How many days of flow are needed for anadromous fish passage?

Answer: Adequate flows are needed between March 1 and June 1.

Question: Is habitat in the north channel suitable for anadromous fish?

Answer: It is unknown at this time. Again, currently we are reviewing Habitat Suitability Index (HSI) data for American eel, American shad, and striped bass to determine whether habitat in the north channel is suitable for these species.

Question: Do the fish have to come to the dam?

Answer: Yes. A diadromous fish restoration plan has not been developed for the Neuse River yet. However, the goal of the U.S. Fish and Wildlife Service, National Marine Fisheries Service, N.C. Division of Marine Fisheries, and N.C. Wildlife Resources Commission is to maintain all options for upstream migration of diadromous species above Falls dam. There is restoration potential for American eel above Falls dam. At this time, it is unclear whether there are restoration opportunities for American shad or striped bass above Falls dam. Therefore, to pass diadromous species above Falls dam these species would need to be able to get to the dam.

Question: Could the habitat be enhanced for anadromous fish downstream of where the north and south channels confluence?

Answer: No. As stated above, one goal of the resource agencies is to maintain all options for upstream migration of diadromous species above Falls dam. Therefore, to pass diadromous species above Falls dam, these species would need to be able to get to the dam.

Question: Could habitat in the north channel be modified to provide more desirable flows to pass anadromous fish?

Answer: It is unlikely that streambed modifications will improve habitat in the north channel because spawning success is also related to stream discharge. However, we are reviewing the Habitat Suitability Index (HSI) data to see if there is a potential.

Question: Can the whitewater design, particularly the side channels, be modified to pass anadromous fish?

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Answer: Possibly. We are working with migratory fish experts to see if there is a possibility for modification that would allow for fish passage within the proposed conceptual design of the whitewater course.

#### Other Issues

- As discussed above in the section Aquatic Resources in Neuse River, there are historical records for several listed aquatic species in Neuse River. It has come to our attention that the Carolina madtom and Neuse River waterdog are under consideration for possible listing by the U.S. Fish and Wildlife Service. If either of these species is listed prior to project permitting, the U.S. Fish and Wildlife Service would require a Section 7 review.
- Restoration of freshwater mussel species that historically occurred in this section of Neuse River may depend on diadromous fish species. At this time, it is unknown whether any of the diadromous species in Neuse River serve as hosts for any of the mussel species. Therefore, any freshwater mussel restoration may be dependent on ensuring diadromous fish passage.
- It appears all three of the natural low flow notches in the river may be modified. It was our understanding the southern most low flow notch may be modified during construction of the whitewater course and diversion weir/divider island. We have concerns about modifications to the other natural low flow notches in the river. More detailed information on the proposed modification of these low flow notches and the possible impact to flows and aquatic habitat needs to be presented.
- In Mr. Zarzecki's correspondence dated August 16, 2010, he stated "I have seen documentation and studies from WRC on rip-rap banks at the coast improving habitat and documenting greater diversity and species of fish, etc." We would like to clarify that our preference is for natural bank stabilization, whenever feasible. However, if natural bank stabilization is not an option, then we prefer rip-rap over other hardening structures (e.g., seawall) because rip-rap provides better aquatic habitat than other hardening structures.

#### Alternatives

The primary goal of the resource agencies is to retain the utility of this section Neuse River to provide spawning and migration pathways for resident fish species, diadromous species, and freshwater mussel species. At this time, we feel the proposed conceptual design could be a migration barrier to diadromous species in the Neuse River by providing a physical barrier in the south channel and a flow barrier in the north channel. We have several alternatives for consideration by the Steering Committee. These include:

- Design a whitewater course that does not require a diversion weir/divider island, but could be retrofitted with a diversion weir/divider island at a later date. Once diadromous species have access to this section of the river, more data will be available on how these species (i.e., American eel, American shad, and striped bass) will use the area. Once this data is available, discussions regarding the possibility of retrofitting the whitewater course to include a diversion weir/divider island could take place.
- Include an adjustable weir in the project design. During critical migration periods (i.e., March 1 to June 1), the weir could be adjusted to provide sufficient flows to the north channel to allow for upstream migration of diadromous species. We understand the Committee members do not want an adjustable weir, but this would resolve many of the resource agencies concerns regarding the proposed conceptual design.

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- Conduct an Instream Flow Incremental Methodology (IFIM) study to evaluate the effect to flow and habitat in the north channel with and without the project.

Thank you for the opportunity to participate on the Whitewater Park Steering Committee and to provide comments regarding the development of the proposed Falls Whitewater Park. If we can be of further assistance, please contact our office at (336) 449-7625.

ec: Bennett Wynne, WRC