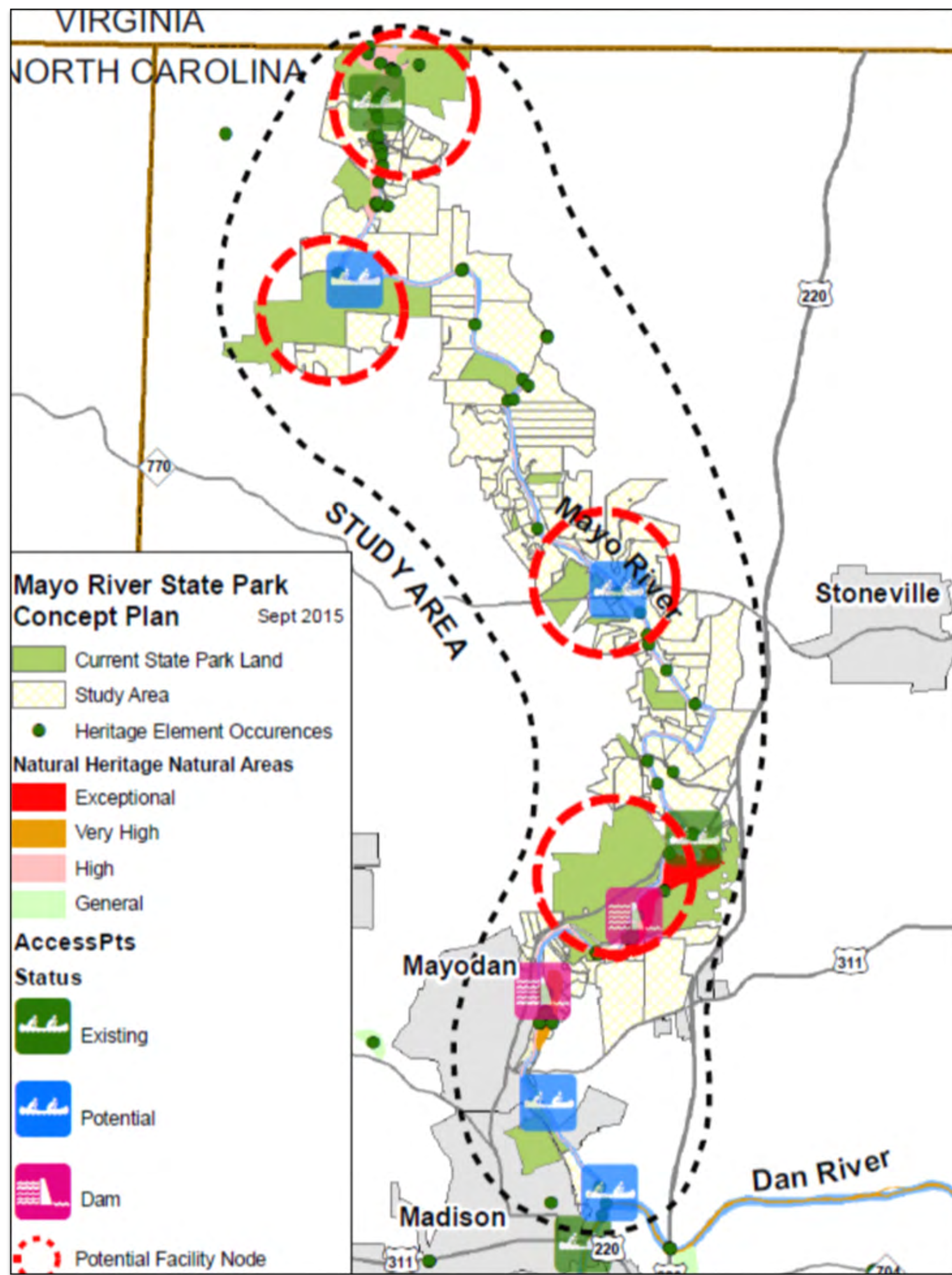


# ACQUISITION AND CONSERVATION OF MAYO RIVER FLOODPLAIN AND RIVERBANK

**GOAL:** Acquire and conserve environmentally sensitive land via transfer to the Mayo River State Parks in North Carolina and Virginia.



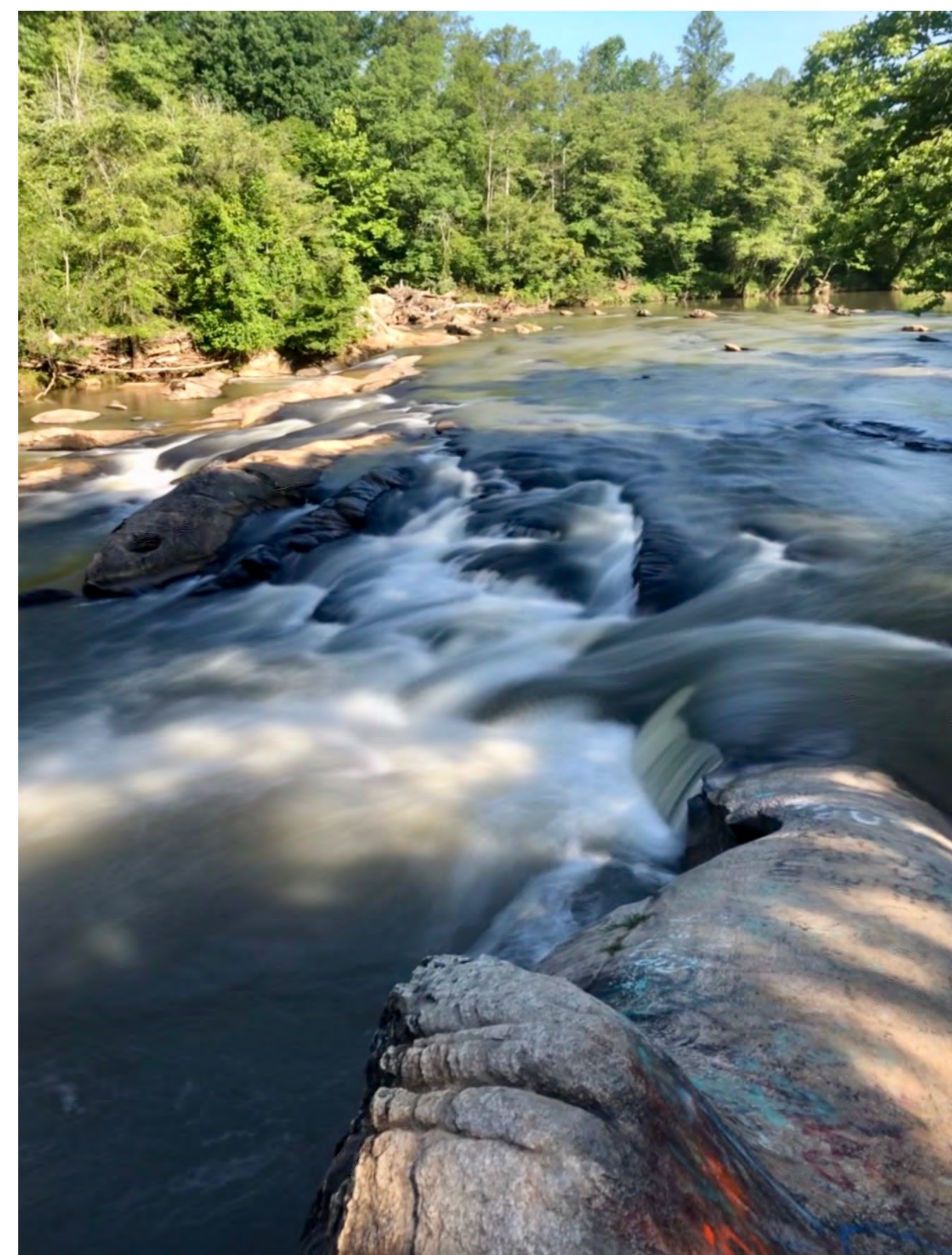
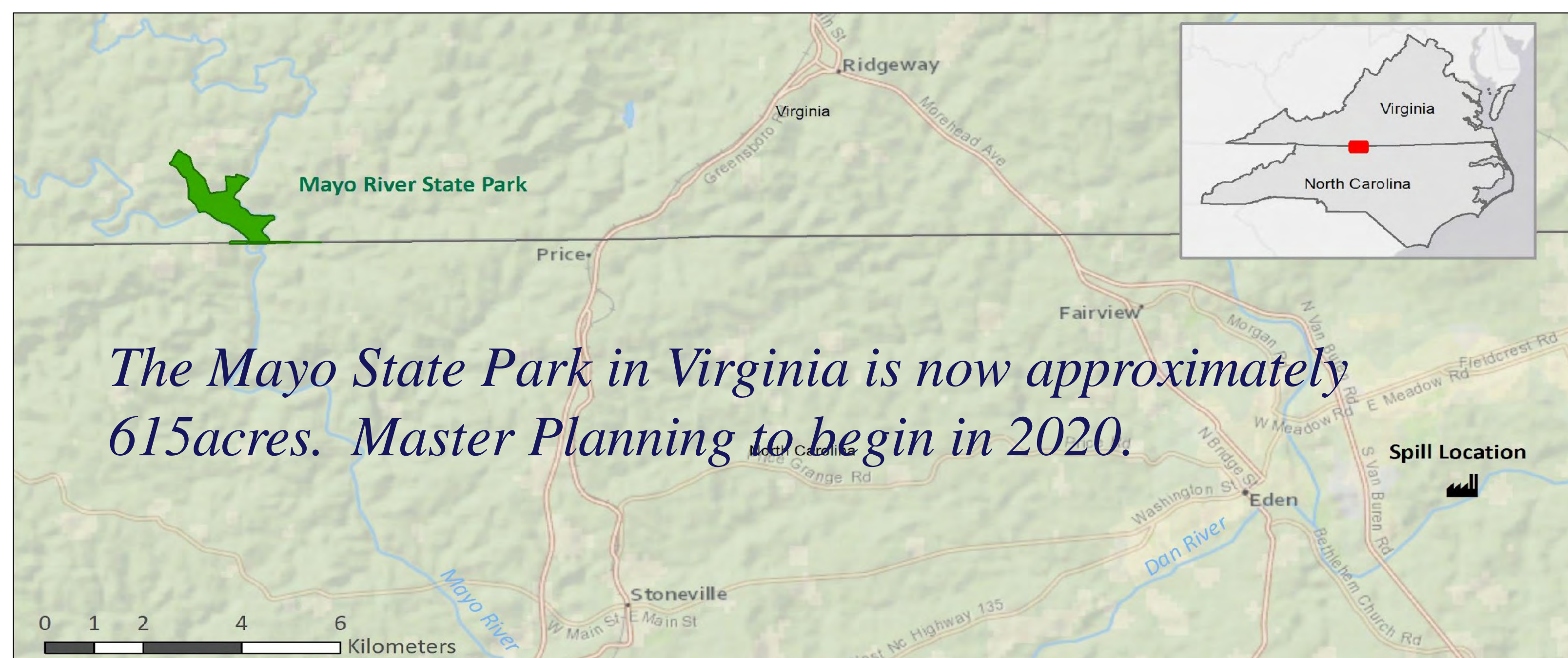
Concept plan for lands recently added to the Mayo River State Park in North Carolina. Map: NC Parks

## RESOURCES AND SERVICES:

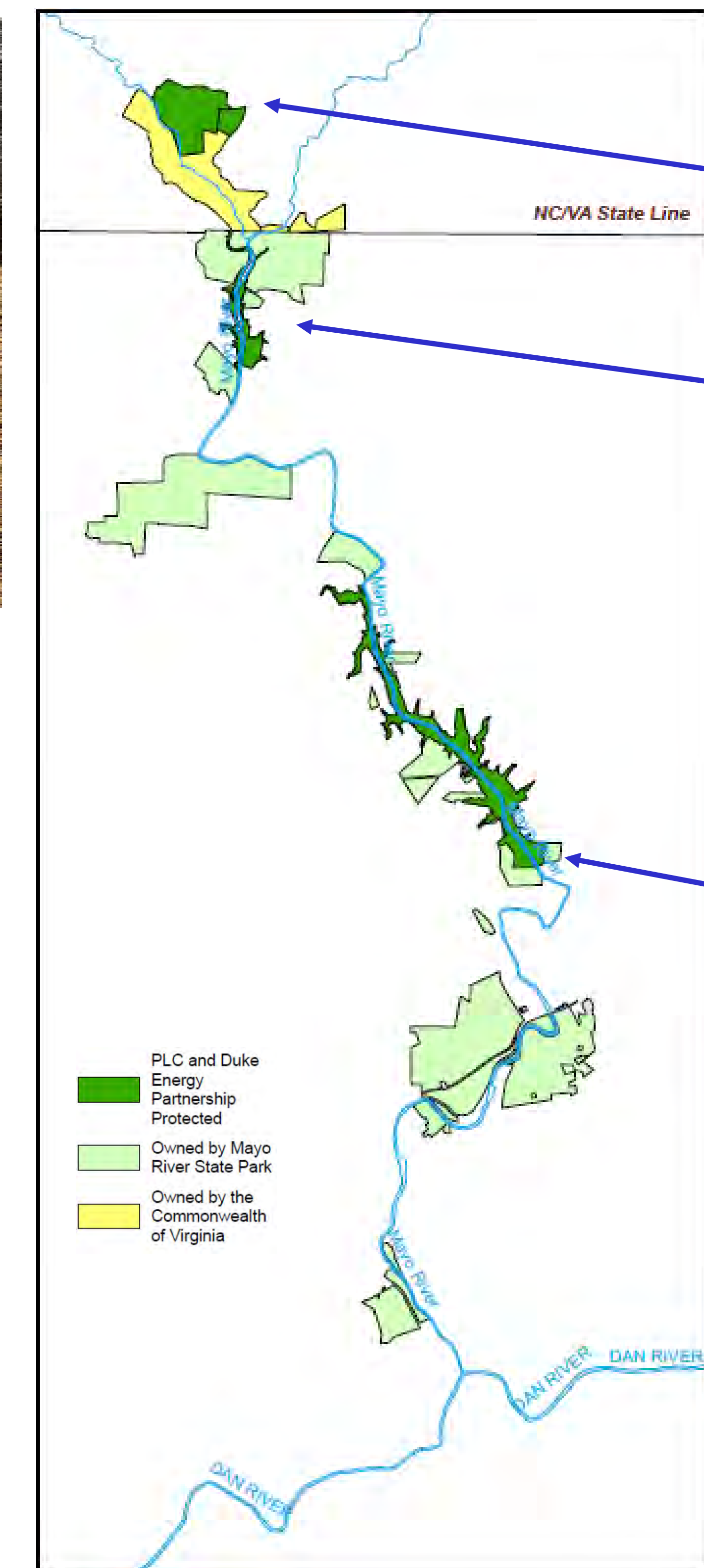
- habitat quality and connectivity
- surface water and sediment
- aquatic organisms
- migratory birds
- new public use opportunities



*"To provide a premier destination location for water and land based outdoor recreational and educational opportunities while protecting and interpreting the unique natural, historical, and cultural resources of the Mayo River and the Southside region of Virginia." Photos: VADCR*



*Newly protected lands in the Mayo State Park in North Carolina will provide public access to the "Mayo Beach" (left), a waterfall on Falls Creek (upper right) while buffering important aquatic habitats for rare, non game, and game species (lower left). Photos: Piedmont Land Conservancy*



## RESTORATION PROJECT:

- 216 acre parcel in Henry County, VA
- "Upper Trust" parcel in NC. Encompasses 64 acres over 1.4 miles of river corridor including the "Mayo Beach"
- "Lower Trust" parcels in NC. 320 acres over 3 miles of river corridor
- Most frequently supported project during restoration scoping

## EXPECTED BENEFITS:

- Protects a significant aquatic habitat
  - HIGH QUALITY WATERS
  - AT LEAST 10 RARE AND LISTED AQUATIC SPECIES
  - TERRESTRIAL NATURAL HERITAGE FEATURES
- Greater public access and safety to over 10 miles of the Mayo River for:
  - RIVER BASED RECREATION AND FISHING
  - PLANNED PARK AMENITIES SUCH AS CAMPING, HIKING, ENVIRONMENTAL EDUCATION

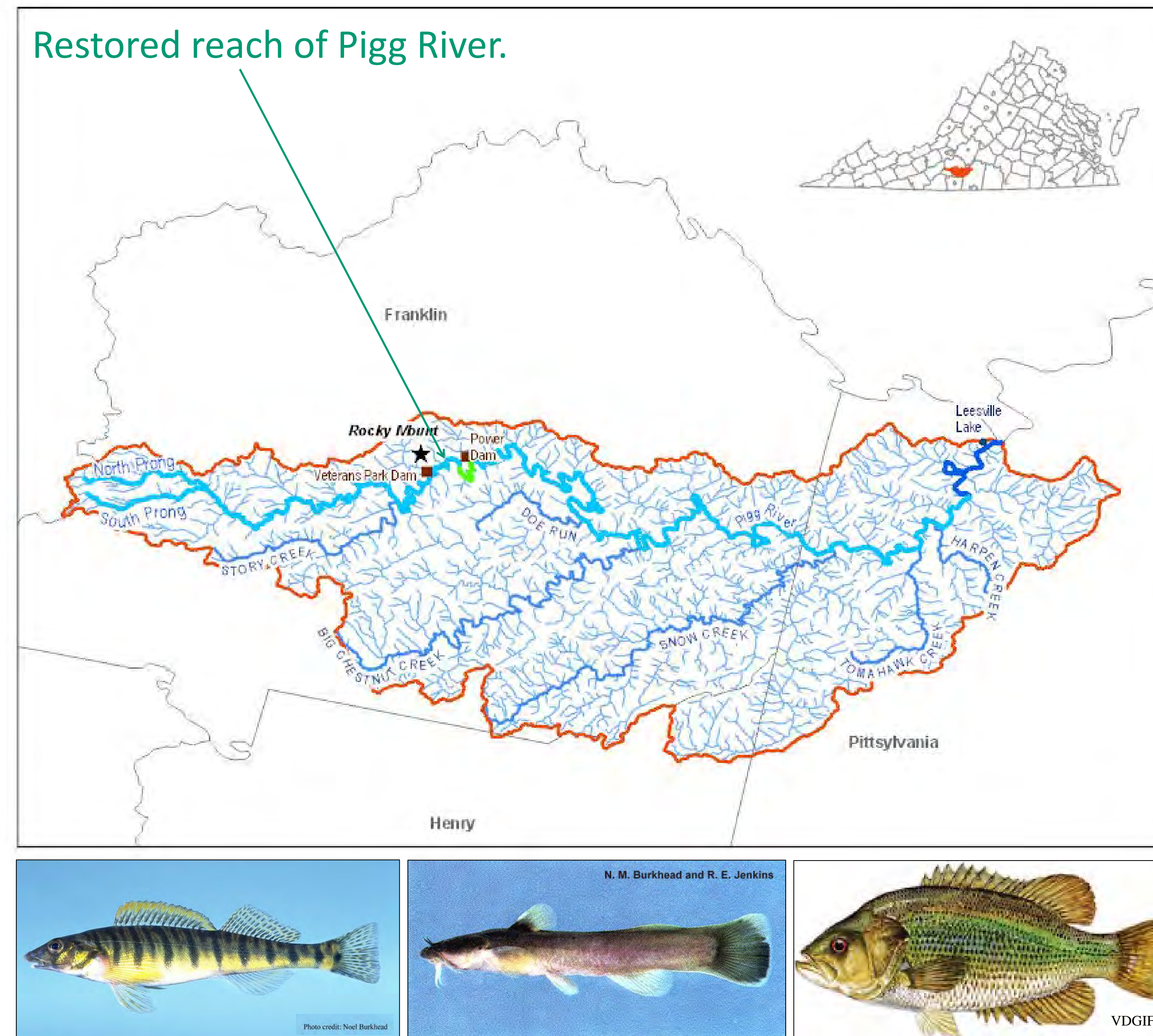


# PIGG RIVER AQUATIC HABITAT RESTORATION - POWER DAM BREACHING

## RESOURCES AND SERVICES:

One federally- and state-listed endangered fish, one state threatened fish, several species of mussels and over 50 species of fish are present in Pigg River and its tributaries.

Fish, mussels, and other aquatic organisms will benefit from restoring aquatic connectivity and habitat restoration.



*Fish species such as Roanoke logperch, orangefin madtom and Roanoke bass will benefit from the dam breaching and subsequent habitat reestablishment.*

## GOAL:

Restore Aquatic Connectivity and Natural River Processes in the Pigg River

## EXPECTED BENEFITS:

- Eliminate safety hazard
- Protect infrastructure
- Provide public access
- Re-establish historic floodplain and river channel
- Restore and enhance habitat for listed, at risk and sport fish and their prey



*Removal of Power Dam in 2016 returned riverine conditions to 2.2 miles of the formerly impounded reach, improved 6 miles of suboptimal habitat, and reconnected 45 miles of Roanoke logperch riverine habitat. USFWS Photo*

## RESTORATION PROJECT:

- Breached Power Dam in Franklin County, Virginia
- Monitoring activities to document biological changes and channel adjustments
- Provide historic and ecological interpretive signage at former power house

### PHOTOS OF PRIOR CONDITIONS



### PHOTOS AFTER BREACHING





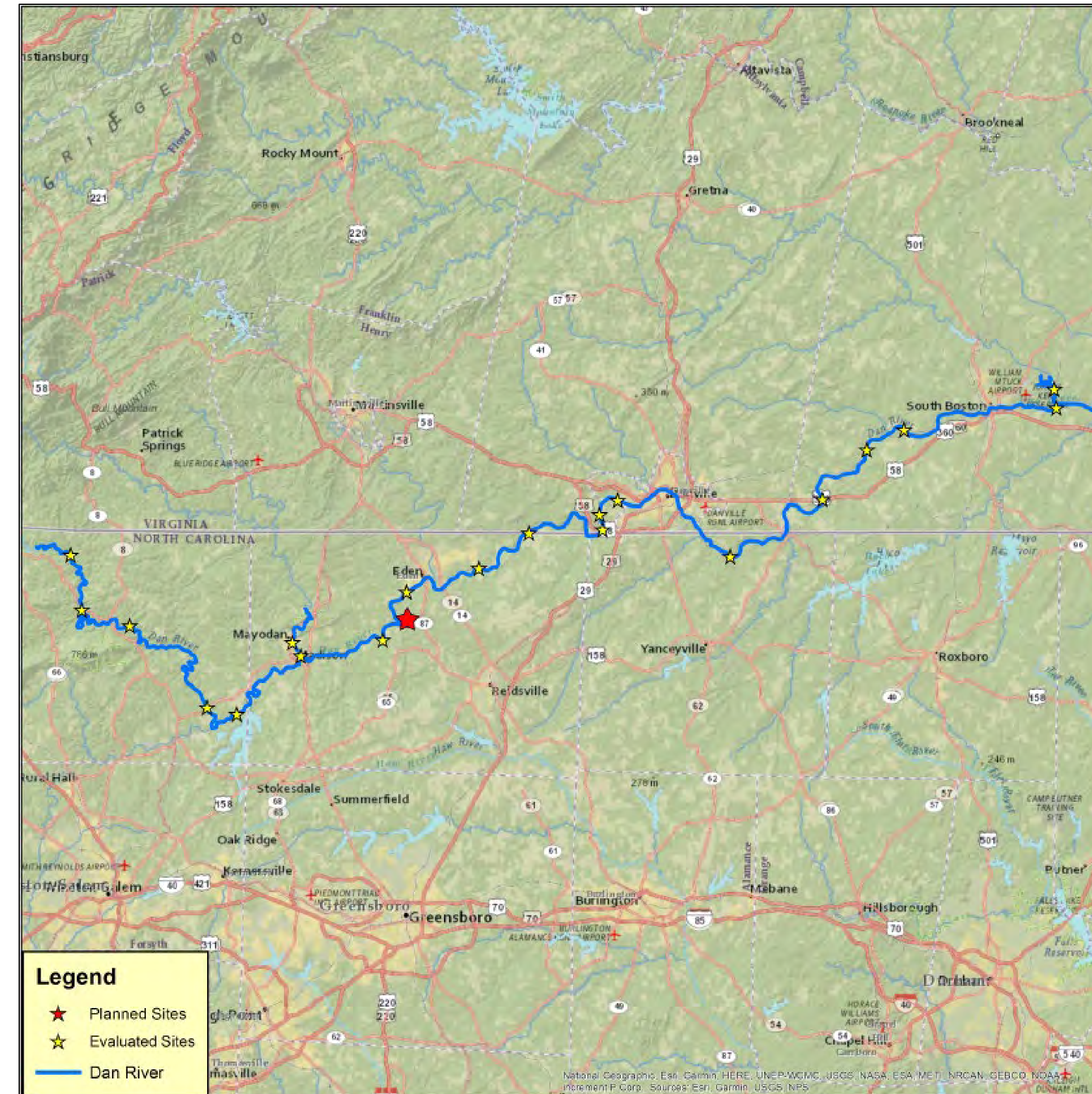
# ESTABLISHMENT OF PUBLIC BOAT LAUNCH FACILITIES ON THE DAN RIVER

## RESOURCES AND SERVICES:

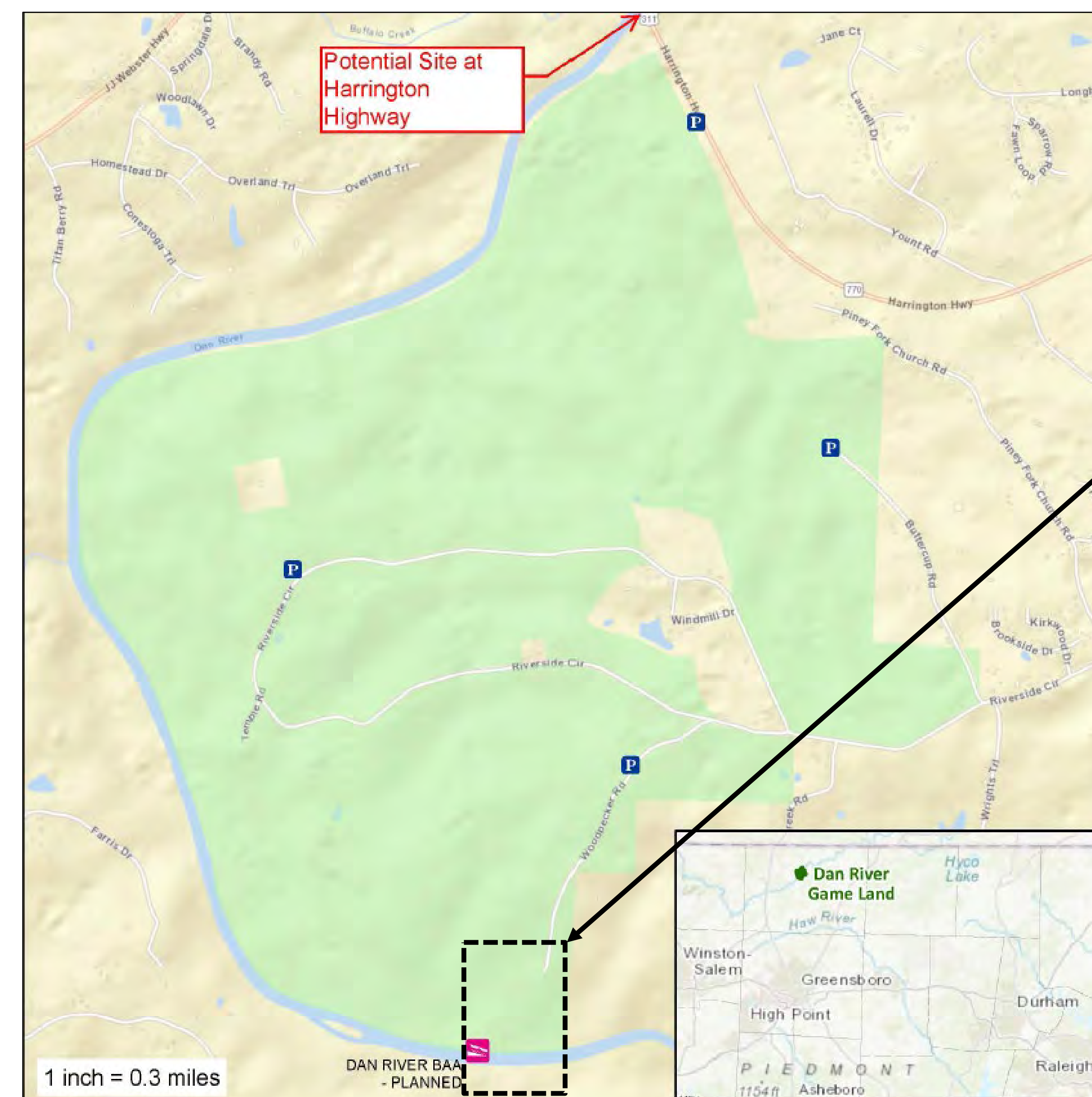
The spill caused a loss of recreation as a result of fishing closures along the Dan River during the spill and spill response. Additionally, public responses to the Trustee's restoration scoping indicated that limited access in the Dan River impedes recreational use and enjoyment of the resource.

## RESTORATION PROJECT:

- Identify up to two boat access location(s) in NC
- Locations of new launch sites determined based on need, site suitability and proximity to existing ramps
- 21 total access points evaluated
- One site currently under development; another planned



*Small boat access locations evaluated  
Map: NC Wildlife Resources Commission*



*Dan River small boat access site under development at the Dan River Gamelands. Maps: NC Wildlife Resources Commission*

## GOAL:

Address recreational losses from the spill by increasing public access to the river

## EXPECTED BENEFITS:

- Improves recreation
- Expands access to the river for:
  - **BOATING**
  - **FISHING**
  - **WILDLIFE VIEWING**



*Examples of NC Wildlife Resources Commission small launches Photos: NC Wildlife Resources Commission*



# IMPROVEMENTS TO THE ABREU GROGAN PARK – DANVILLE, VIRGINIA

**GOAL:** Add amenities to Abreu Grogan Park and increase recreation access to the river and use of the park by the community

## **RESOURCES AND SERVICES:**

- Lost public use during park closure from April 1- August 1, 2014 during spill response
- Park used as a staging ground after the spill to remove coal ash and contaminated sediment from the Dan River

## **RESTORATION PROJECT:**

- Improved the only access to the 14-mile section of the Dan River designated as a Virginia Scenic River

- New amenities include:

- COURTESY DOCK
- FISHING PLATFORM
- RESTROOM
- INFORMATION KIOSK
- HANDICAPPED ACCESSIBLE PARKING AND SIDEWALKS
- CULVERT AND RIVER BANK STABILIZATION
- RELOCATION OF THE PICNIC TABLE AND GRILL

- Park re-opened with improvements on May 26, 2016

## **EXPECTED BENEFITS:**

- Improves recreation
- Expands access to the river for:
  - BOATING
  - FISHING
  - WILDLIFE VIEWING

**New fishing platform**

**Addition of rip-rap for shoreline stabilization**

**New accessible dock and connecting sidewalk**

*Photos: Duke Energy*

**New accessible parking and sidewalks**

**New accessible walkways and Information Kiosk**

**New accessible dock and connecting sidewalk**

**New Restroom**

