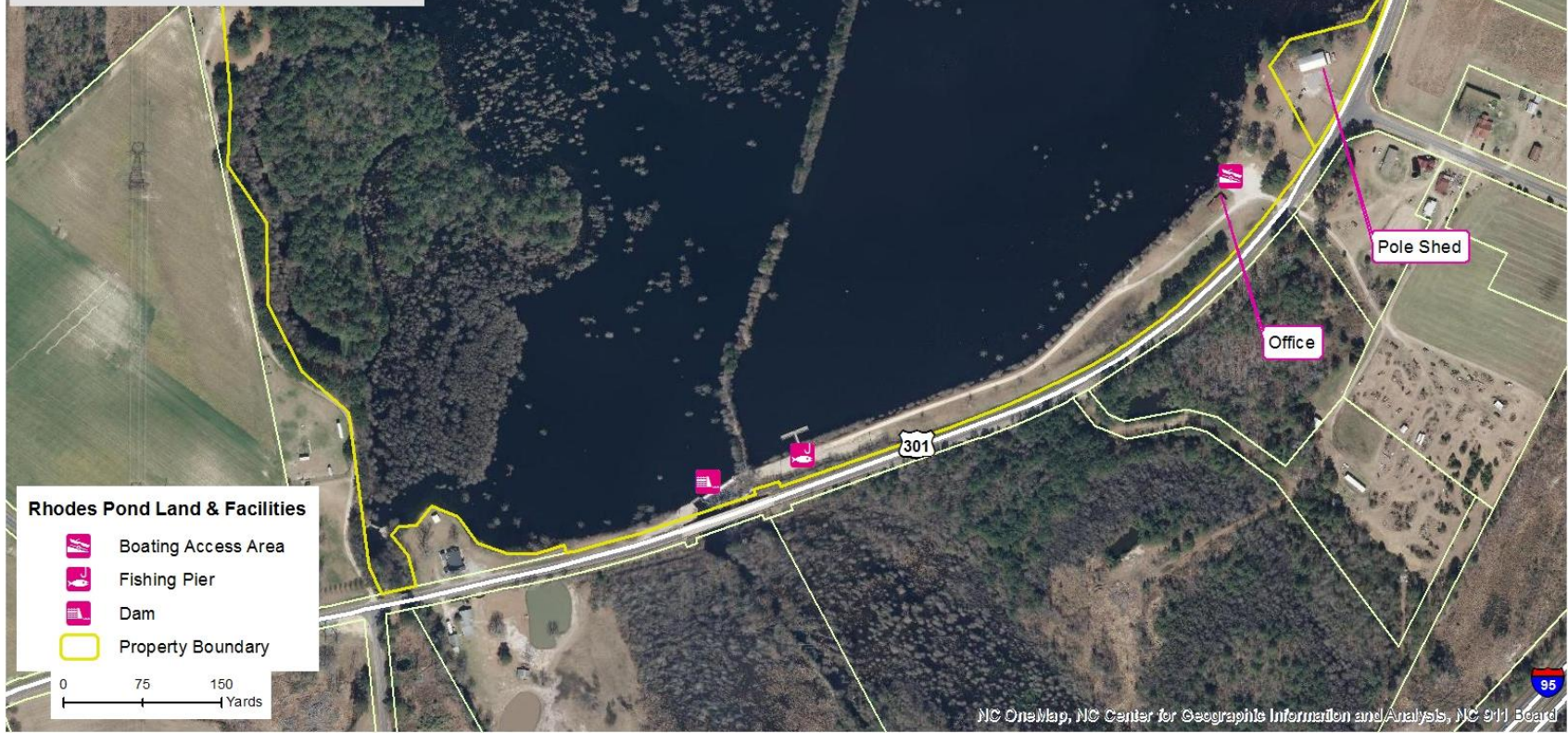




N. C. Wildlife Resources Commission's
Rhodes Pond Access Area
Public Welcome





North Carolina Wildlife Resources Commission

Rhodes Pond - 2005

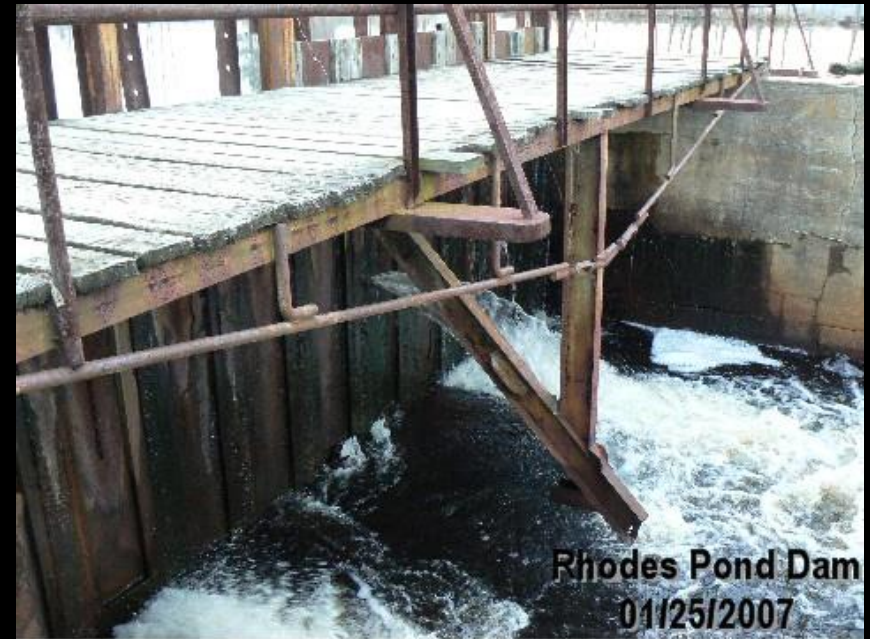
- DENR dam safety inspection resulting in several noted deficiencies with the dam control structure.
- DOT contacts WRC stating they no longer have an interest in the property. DOT will drain the lake or sell the property as surplus.
- Site visit by WRC staff determines the Pond a “gem” of a natural resource, recommends transfer of property to Executive Director and Commission
- WRC contracts with private consulting firm to investigate dam and provide cost estimates for repair.
- Plans to save the pond and transfer the deed begin



North Carolina Wildlife Resources Commission

Rhodes Pond – 2005-2006

- Investigation of the control structure finds an estimated repair cost of 300k-600k.
- WRC asks DOT to participate financially in the cost of the repairs.
- WRC plans to locate new construction crew to the location as a means of managing the property.

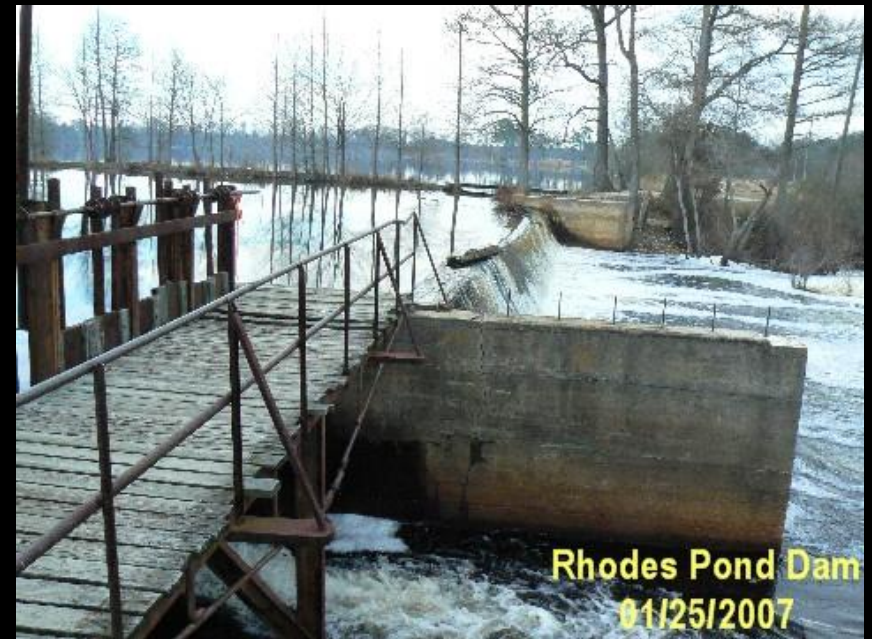


Rhodes Pond Dam
01/25/2007

North Carolina Wildlife Resources Commission

Rhodes Pond – 2007-2008

- DOT agrees to transfer the property and 150k in funding for the repairs
- Design begins for the dam repairs and SPO initiates processes to transfer the deed.
- The dam is reclassified from a high hazard to an intermediate hazard dam.



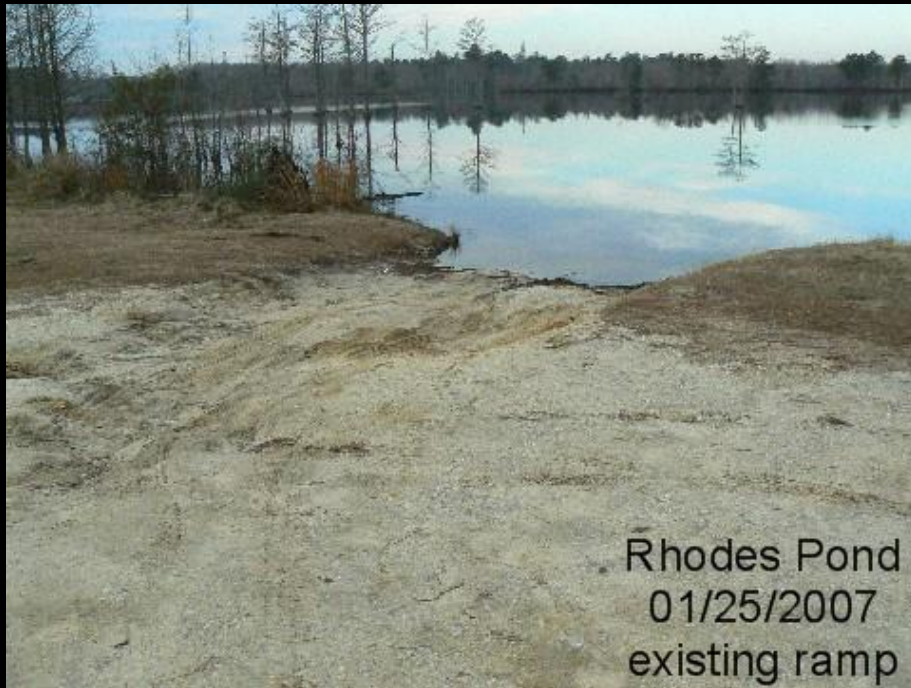
North Carolina Wildlife Resources Commission

Rhodes Pond – 2009-2010

- Transfer of deed approved by COS and Gov Ops.
- SPO notifies WRC that they may begin improvements at the site.
- WRC initiates immediate access improvements at the site.
- Design completed for control structure repairs and submitted for permitting.
- EAP approved by Dam Safety and filed with local rescue and emergency personnel.
- WRC signs agreement with City of Fayetteville Parks and Recreation to facilitate pond access programs.

North Carolina Wildlife Resources Commission

Rhodes Pond – WRC Improvements



North Carolina Wildlife Resources Commission

Rhodes Pond – WRC Improvements



North Carolina Wildlife Resources Commission

Rhodes Pond – WRC Improvements



North Carolina Wildlife Resources Commission

Rhodes Pond – WRC Improvements



North Carolina Wildlife Resources Commission Rhodes Pond – WRC Improvements



North Carolina Wildlife Resources Commission

Rhodes Pond - Partnerships



Contact: Jackie Tuckey
Management Services
City of Fayetteville
433 Hay Street
Fayetteville, NC 28301
Tel: 910.433.1549
Email: jtuckey@ci.fay.nc.us

MEDIA RELEASE

Parks & Rec Adds Rhodes Pond to Its Facilities

(Fayetteville, N.C. Oct. 26, 2009) – Fayetteville-Cumberland Parks & Recreation has added Rhodes Pond as a facility for its programs, thanks to a partnership with the North Carolina Wildlife Resources Commission.

Fayetteville-Cumberland Parks & Recreation will conduct environmental education programs for groups and the general public. Clark Park staff hopes to begin programming in the spring. They will also offer interpretive canoe programs on the 455-acre pond, while providing all necessary equipment.

The North Carolina Wildlife Resources Commission is planning to upgrade the facilities at Rhodes Pond with fishing piers, parking and improvements to the dam. They have already installed a boat launch for non-gasoline powered boats. A small classroom, which is a converted garage, will be used for small groups and storage.

Rhodes Pond is located outside of Godwin on Hwy. 301, also called Dunn Road.

"Rhodes Pond is a beautiful location for our programs and it gives us a recreation venue that we needed to have in northeastern Cumberland County," said Michael Gibson, Parks & Recreation director. "This allows us the ability to expand our adventure programming and environmental education programs to include more aquatic and water quality programming. We're happy to be expanding services to residents in this part of Cumberland County, as we also address a City Council priority of offering more services."

To find out more about these programs, call Clark Park Nature Center at 433-1579.

-END-

North Carolina Wildlife Resources Commission Rhodes Pond



SUMMER 2013

- Large rainfall from Tropical Storm Andrea in June 2013 caused water level to increase and overtop the dam. Erosion occurred on dam and around spillway.



NOTICE OF DEFICIENCY AND DAM RECLASSIFICATION – JUNE 17, 2013

- Dam Safety (NCDENR) performed an inspection on the dam in June 2013, after the rainfall event.
- Notice of Deficiency Letter, dated June 17, 2013, was sent to WRC from Dam Safety.
- “This investigation determined that failure of your dam could result in severe property damage and/or possible loss of life downstream. Therefore, we are listing your dam in the “High Hazard” category.”
- High Hazard classification is based on potential downstream impacts. A failure of the dam would potentially impact the US-301 bridge.

NOTICE OF DEFICIENCY AND DAM RECLASSIFICATION BY DENR DAM SAFETY

- “It does not appear that this dam meets the spillway capacity requirements of 15A NCAC 2K .0205. On June 7, 2013 reports indicate rainfall totals less than a 100 year storm. This dam should not overtop in a storm of this magnitude.”
- “The lake should be immediately drained and the gates should be left open in the interest of public safety and damage to downstream property.”
- “In order to ensure the safety of this dam, you are directed to retain the services of a registered professional engineer...to make a study of the conditions outlined in this letter. A preliminary report with plans and specifications for repair based on the results of the study must be filed with the Division of Land Resources for approval....”

RHODES POND DAM INVESTIGATION AND ASSESSMENT TO BRING DAM INTO COMPLIANCE

- Site Visit
- Topographic Survey
- Development of Spillway Design Storm
- Incremental Hazard Evaluation
 - Worked with Dam Safety to reduce the design storm from ½ PMP to 100-year storm event
- Explore Conceptual Remediation Alternatives-
 - Alternative 1: Raise top of dam 4' and replace existing spillway
 - Alternative 2: Raise top of dam 2' and replace existing spillway
 - Alternatives ranged from \$2.5-3.5 million plus design fees

ENGINEERING CONSULTANT PROPOSAL

- May 2014 – Received proposal from Consultant for design, permitting and construction services
- June 2014 – WRC and Consultant could not agree on a price for services. WRC stopped work with Consultant.
- A second consultant was contacted regarding the project.
- June 30 – Site visit with new consultant
- Early July – WRC met with neighbors who would be impacted by raising the dam. Discussed option of raising dam and impacts on their property.
- Discussed impacts with new consultant and proposed to further investigate overtopping protection. Estimates for this option now are approximately \$1.5 million.
- July 8 – New consultant and WRC met with Dam Safety to review the project and discuss alternatives. Received preliminary approval for overtopping protection.
- July 18 – Received design proposal from new consultant, and forwarded to the State Construction Office for their review. SCO approved contract amount on July 29.

NEXT STEPS

- Present proposal and remediation option to WRC Lands Use and Access Committee for approval.
- With both approval from SCO and Lands Use and Access Committee in August of 2014, sign proposal from consultant and begin design and permitting.
- August 2014 – NCWRC/SCO Notice to Proceed for consultant
- September/October 2014 – Schematic Design/Design Development
- November/December 2014 – Construction Documents
- January/February 2015 – Project Bidding and SCO Bid Approval
- March – May 2015 – Construction
- June/July 2015 – Project Close-Out
- Fill Pond