

Appendix A

MEMORANDUM For The Record

SUBJECT: File Nos. 200800243 and 200800244: Proposed Riprap Bank Stabilization between Tennessee River Miles 147.2-152.8 Right Bank and Two Launching Ramps, Kentucky Lake, Perry County, Tennessee

1. On 13 March 2008, an on-site inspection was conducted for the proposed riprap bank stabilization and two launching ramps at the subject location.
 2. The on-site inspection was conducted so that the project could be properly assessed for the environmental impacts.
 3. The on-site inspection revealed that the banks were eroding and most of the banks were nearly vertical. In several places, trees and the associated roots had fell into the water after they had been undercut.
 4. The proposed work consists of riprap bank stabilization at two sites. At site one, the proposed work consists of placing approximately 5,000 cubic yards of limestone riprap along 25,664 feet of shoreline to minimize and prevent further erosion along the banks. The bottom of the riprap would be at Elevation 356.0. Elevation 359.0 is the Normal Summer Pool (NSP) elevation for Kentucky Lake. The riprap would be placed along the shoreline from the top of the bank by using a track hoe. The top of the riprap would be at Elevation 366.0. There would be minimal reshaping of the existing bank for the placement of the riprap. In addition, the applicant proposes to construct two boat launching ramps. The deposit of fill material associated with the launching ramps meets the criteria for Nationwide Permit (NWP) # 36.
 5. At site two, the proposed work consists of placing approximately 2,500 cubic yards of limestone riprap along 13,200 feet of shoreline to minimize and prevent further erosion along the banks. The bottom of the riprap would be at Elevation 356.0. Elevation 359.0 is the NSP elevation for Kentucky Lake. The riprap would be placed along the shoreline from the top of the bank by using a track hoe. The top of the riprap would be at Elevation 366.0. There would be minimal reshaping of the existing bank for the placement of the riprap.
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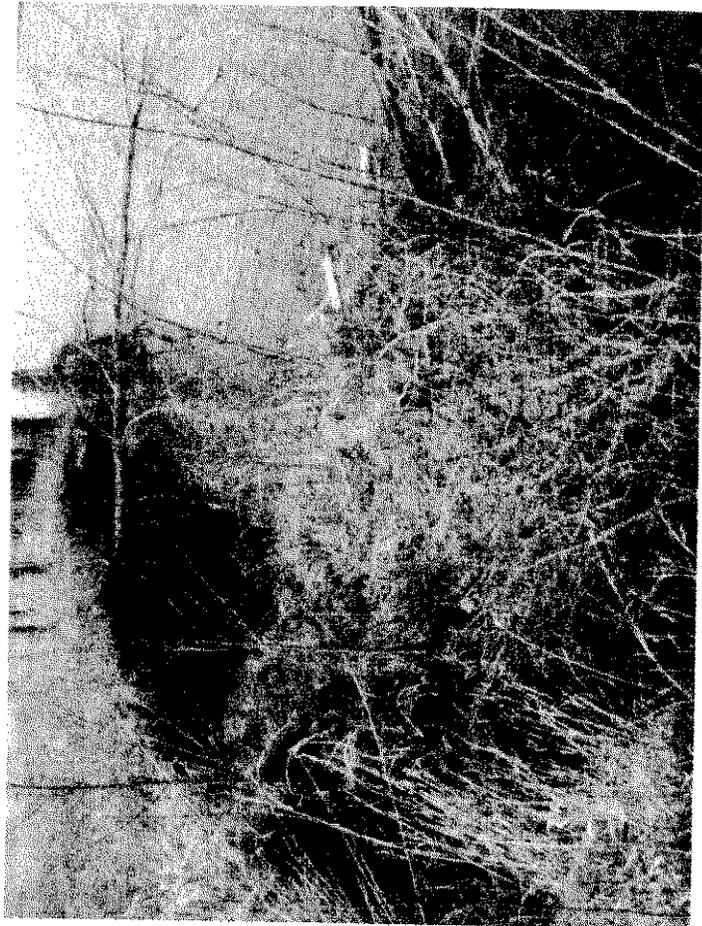
6. The purpose of the placement of the riprap is to provide protection for the banks and prevent further erosion.

7. Photos of the site were taken.

8. Due to the nature of the project it was been placed on public notice on 13 November 2008.

Floyd M. Carnes
Regulatory Specialist
Operations Division

VIEW OF TREES AND ROOTS FALLING
INTO THE RIVER



FILE NO. 200800243

GGP GROUP

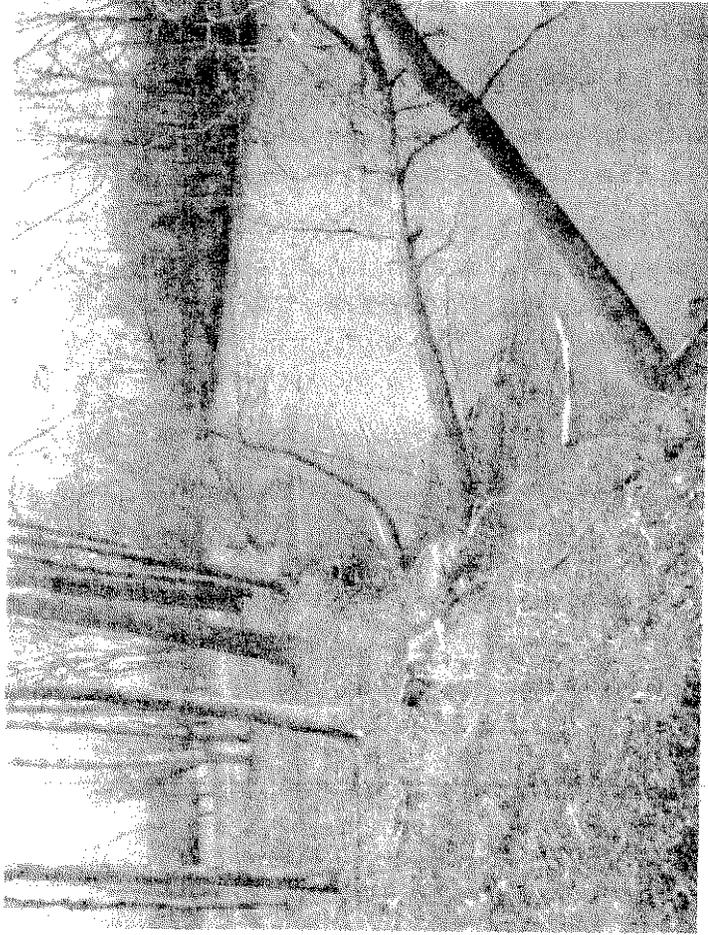
TENNESSEE RIVER MILE 149.5R

KENTUCKY LAKE

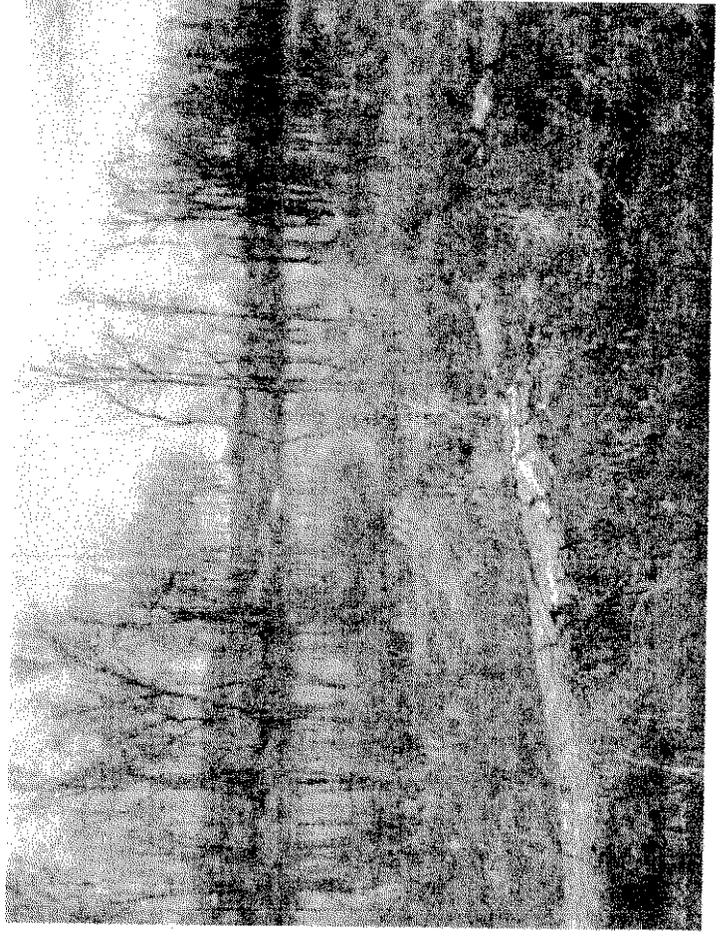
PERRY COUNTY, TN

PHOTO BY CARNES

MARCH 13, 2008



SITE OF THE LAUNCHING RAMPS



FILE NO. 200800243

GGP GROUP

TENNESSEE RIVER MILE 149.0R

KENTUCKY LAKE

PERRY COUNTY, TN

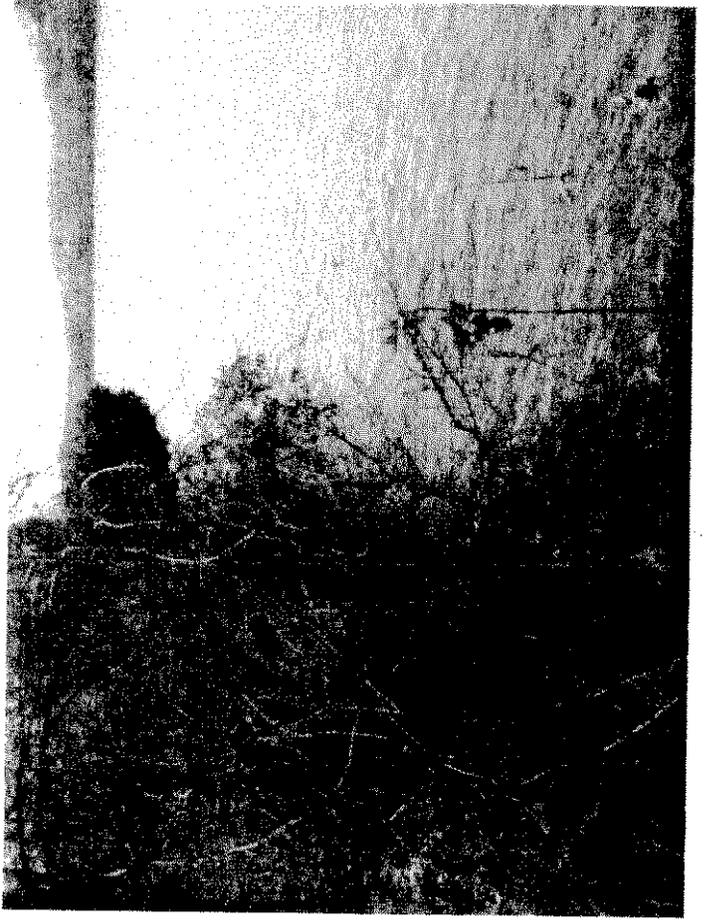
PHOTO BY CARNES

MARCH 13, 2008

VIEW OF EROSION UPSTREAM



VIEW OF EROSION DOWNSTREAM



FILE NO. 200800244

GGP GROUP

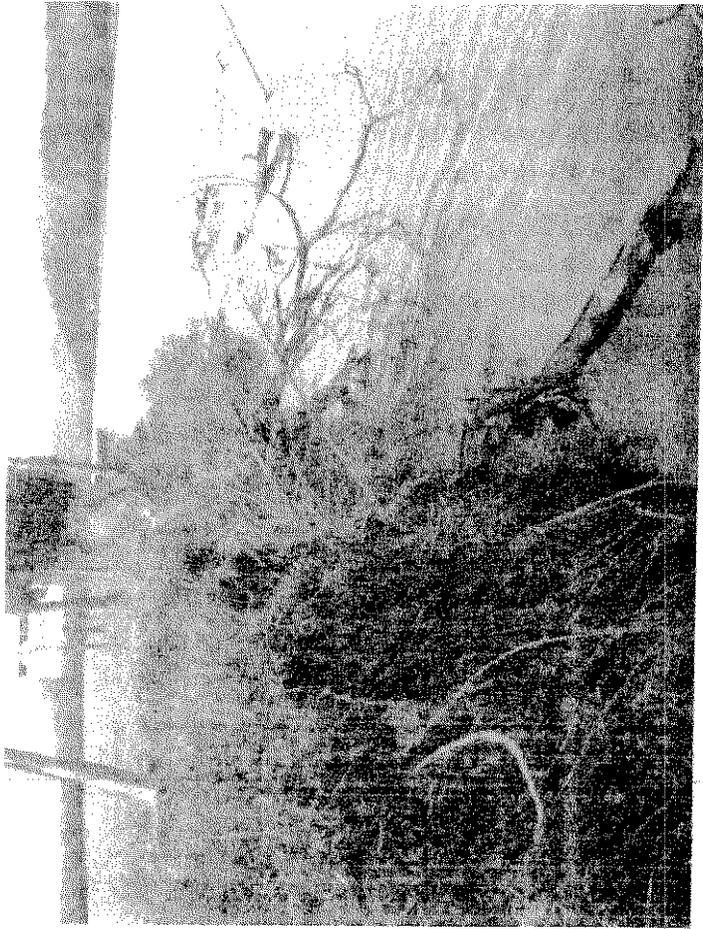
TENNESSEE RIVER MILE 148.5R

KENTUCKY LAKE

PERRY COUNTY, TN

PHOTO BY CARNES

MARCH 13, 2008



VIEW DOWNSTREAM



VIEW UPSTREAM

FILE NO. 200800244
GGP GROUP
TENNESSEE RIVER MILE 148.0R
KENTUCKY LAKE
PERRY COUNTY, TN
PHOTO BY CARNES
MARCH 13, 2008