

**FINDING OF NO SIGNIFICANT IMPACT
(FONSI)**

**Below Senath Seepage Remediation
St. Francis River Basin
Dunklin County, Missouri**

Description of the Proposed Action

The U.S. Army Corps of Engineers, Mississippi Valley Division, Memphis District (CEMVM), proposes to modify existing ditches, place borrow material into existing ditches, and construct a rock chute structure in an existing ditch. Access to the project area would be from County Road 611. A bulldozer and excavator would be used to modify and fill the existing ditches. Although two inlet ditches would be re-directed towards a grass lined swale, ditch layout would remain largely the same. Ditch 1 would be filled to a maximum depth of 5 feet approximately 300 feet from the intersection of Ditches 2 and 3 and would transition back to existing grade via a riprap chute transition structure. Where Ditches 2 and 3 enter Ditch 1, a riprap apron would be constructed to reduce erosion potential. Approximately 1,450 cubic yards (CY) of material would be used to fill Ditch 1 and approximately 500 tons of R-400 riprap and 145 tons of bedding material would be needed to create the transition structure at the Ditch 1, 2, and 3 confluence area. Ditch 1, post-improvement, would still be able to handle the 100 year flood event with 1 foot of freeboard. Ditches 2 and 3, post-improvement, would also have their capacity increased to more easily pass a 100 year flood event.

Factors Considered in This Determination

This Environmental Assessment (EA) has been prepared specifically to assess the potential impacts of this work on cultural and natural resources, including endangered species, water quality, infrastructure, wildlife habitat, and to update coordination with the associated levee work. The EA revealed that the proposed project action was the least environmentally damaging and the least costly alternative. The environmental assessment and associated investigations found that no significant immitigable impacts would be anticipated to cultural resources, wetlands, or threatened or endangered species.

Mitigation

With the proposed action, no significant impacts were identified and no mitigation is proposed.

Public Involvement

The proposed action has been coordinated with appropriate Federal, state, and local agencies, federally recognized tribes, and businesses, organizations, and individuals through distribution of the draft EA, *Below Senath Seepage Remediation, St. Francis River Basin, Dunklin County, Missouri*, for their review and comment.

Conclusion

This office has assessed the potential environmental impacts of the proposed action. Based on this assessment, and a review of the public comments made on the associated environmental assessment, a determination has been made that the proposed action would have no significant impact on the human environment. Therefore, a Supplemental Environmental Impact Statement will not be prepared.

Draft

Date

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