

# Pearl River Basin Flood Risk Management

Informational Brief  
May 15, 2023



<https://www.mvk.usace.army.mil/missions/programs-and-project-management/project-management/pearl-river/>, accessed 2023/05/16



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# PUBLIC MEETING PURPOSE

3



## In Person Meeting Schedule

### **Tuesday**

May 23, 2023  
1 p.m. & 6 p.m.

1-844-800-2712  
Meeting Number:  
1992 79 9046

Slidell High School  
Gym #1 Tiger Drive  
Slidell, LA 70458

### **Wednesday**

May 24, 2023  
1 p.m. & 6 p.m.

1-844-800-2712  
Meeting Number:  
1992 79 9046

MS Ag Museum,  
Sparkman Auditorium,  
1150 Lakeland Dr.  
Jackson, MS 39216

## Virtual Public Meeting Schedule

### **Thursday**

June 1, 2023  
1 p.m. & 6 p.m.

- Information to log in or dial in to meeting are still being determined.

## Public Input

- Self-addressed comment cards will be available at the public meetings.
- Traditional Mail  
U.S. Army Corps of Engineers, Vicksburg District  
CEMVK-PMP  
4155 Clay St., Vicksburg, MS 39183-3435
- E-Mail [PearlRiverFRM@usace.army.mil](mailto:PearlRiverFRM@usace.army.mil)

# PROJECT IMPORTANCE

- The Jackson, Mississippi metropolitan area has experienced devastating floods for the past 100-years, including as recently as 2020 and 2022.
- Funding has been allocated to complete planning and implementation of a plan.
- People of Jackson, MS are a priority to provide effective near-term flood risk solutions.



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# CONGRESSIONAL AUTHORIZATION



## **Section 3104 Pearl River Basin, Mississippi, of Water Resources Development Act (WRDA) 2007**

- The Secretary may construct the national economic development (NED) plan, the locally preferred plan (LPP) or some combination thereof,
- Subject to a determination by the Secretary that the LPP provides at least the same level of flood damage reduction as the NED plan and that the LPP is environmentally acceptable and technically feasible.

## **WRDA 2018 Section 1176**

- Assess downstream effects.



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# HISTORY



- **Jackson East & West Levees constructed 1968**
- **Flood of Record – April 1979**
- **Numerous Flood Risk Studies Conducted**
  - 2007 USACE Preliminary Draft Report
    - Evaluated a Levee Plan and the LaFleur Lakes Plan
  - 2018-2022 NFI Feasibility Study/Draft EIS Report Work
    - Prepared under Section 211 of WRDA 1996 authority
    - Released for Public Review in Summer 2018
    - Modified plan to address public comments
    - Modified plan to address OASACW/USACE comments
- **CURRENT STATUS: USACE DEIS**
  - Under Development



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# ALTERNATIVES UNDER EVALUATION



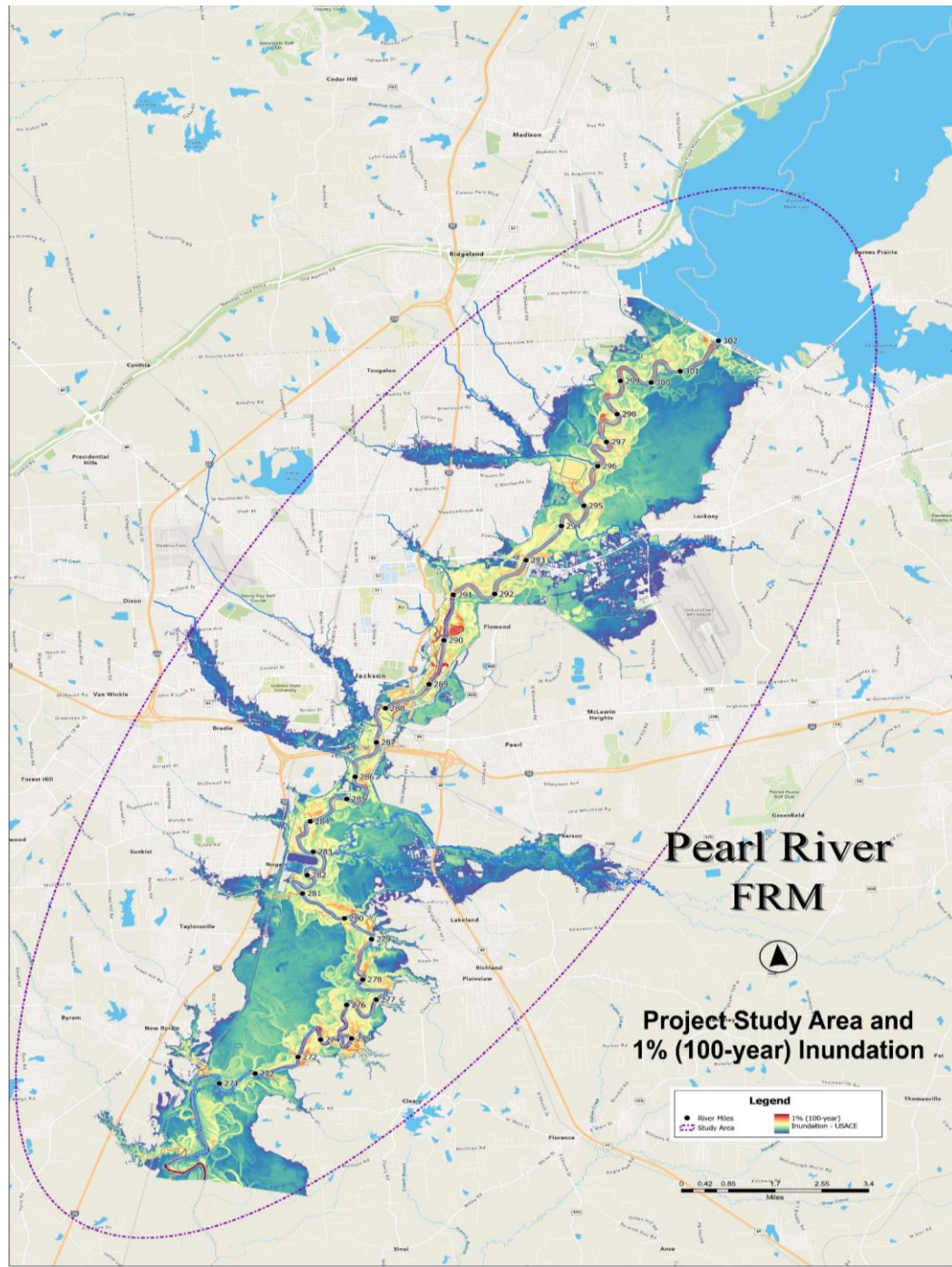
- Nonstructural Alternatives
  - A: Relocating structures (buy out and relocating)
  - A1: Additional non-structural measures such as elevation, and floodproofing
- Alternative C – Channel Improvements Plan (NFI Recommended Plan)
  - Excavate and widen channel, use material to enhance levees, create habitat islands and weir relocation
- Alternative that is a combination, or hybrid, of these plans is authorized.
- Other Potential Alternatives





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# STUDY AREA





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# OVERVIEW OF NFI REPORT



Alternatives considered include:

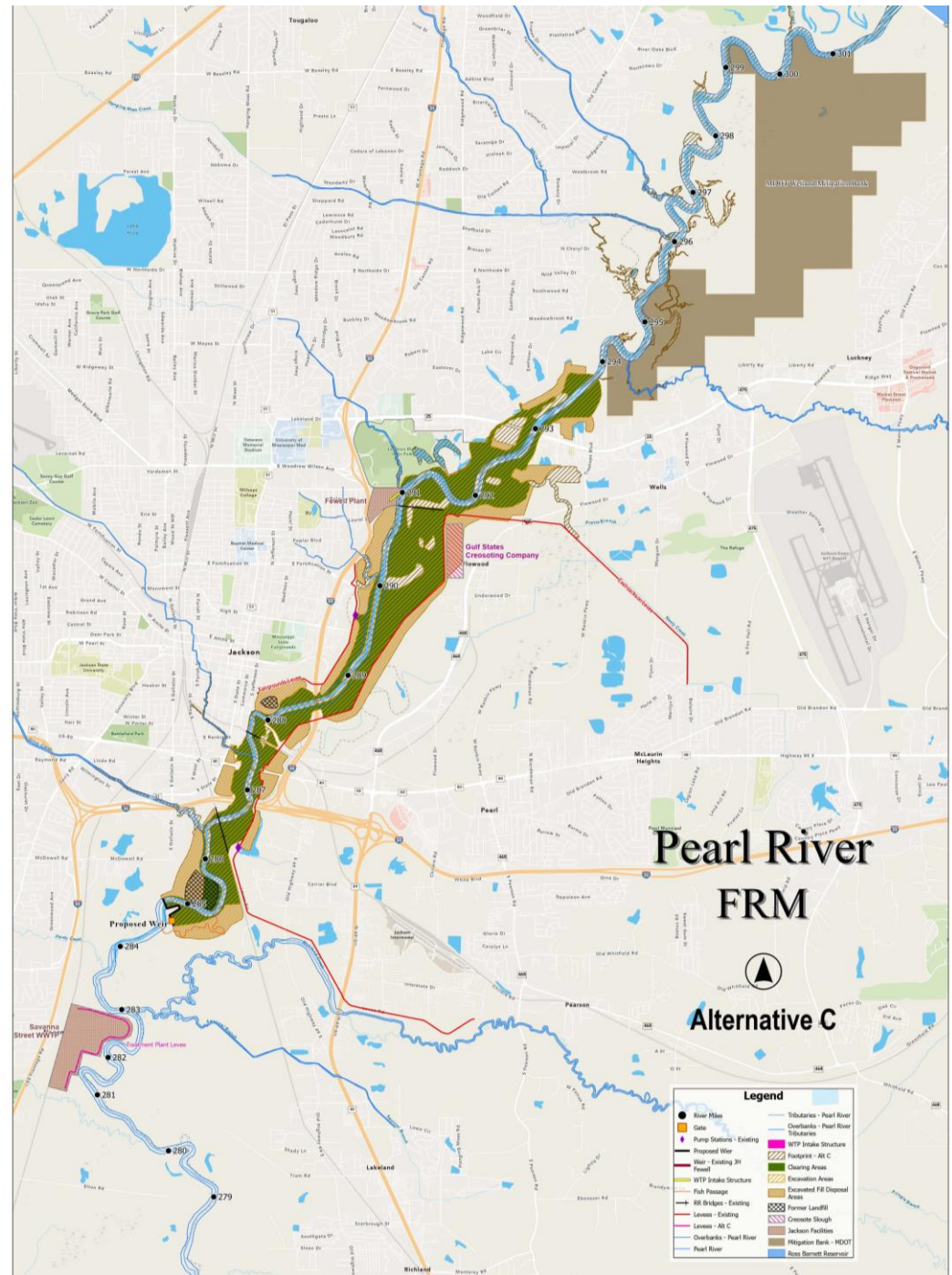
- Nonstructural Plan
- Levees Plan
- Channel Improvement Plan - NFI preferred project consists of:
  - Construction of channel improvements
  - Demolition of the existing weir near the J. H. Fewell Water Treatment Plant (WTP) site
  - Construction of a new weir with a low-flow gate structure further downstream to enlarge the existing river channel
  - Federal levee improvements (excavated material plan)
  - Upgrading an existing non-Federal levee into a federalized ring levee around the Savannah Street WWTP.





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# NFI'S ALT. C





# AREAS OF INTEREST

- Flood Risk Reduction
- Water Supply
- Water and Wastewater Treatment
- Ecosystem/Environmental Impacts
- Existing Waste Sites
- Cultural Resources
- Transportation
- Downstream Impacts
- Recreation Access and Opportunities
- Community Impacts (Cohesion, Quality of Life etc.)
- Economic Opportunities

Potential Others?



# TIMELINE

**May 2023**

- Public/Agency Outreach

**Summer  
2023**

- Technical Evaluations/Analysis & Environmental Compliance Activities

**September  
1, 2023**

- Draft Report/Draft EIS
- The public is given an opportunity to respond to the Draft EIS.

**December  
2023**

- Final Report/Final EIS

**January  
2024**

- Secretary Determination & Record of Decision



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# TO SUBMIT COMMENTS/ PROVIDE INPUT



**Comments/input will be accepted through June 31, 2023**

**Email:** [PearlRiverFRM@usace.army.mil](mailto:PearlRiverFRM@usace.army.mil)

**Address:**

U.S. Army Corps of Engineers  
CEMVK-PMP  
4155 Clay Street  
Vicksburg, Mississippi 39183-3435

**Project Website:**

<http://www.mvk.usace.army.mil/Missions/Programs-and-Project-Management/Project-Management/Pearl-River/>