

South Fork Licking River – Continuing Authorities Program Section 208 Snagging and Clearing for Flood Control

P2/Project Number: 496422

Review Plan – Decision Document

PREPARED

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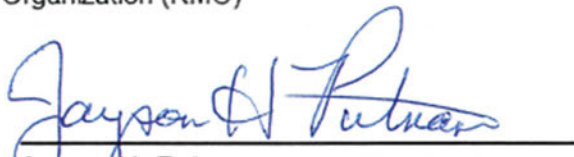
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DOCUMENT HISTORY:

Document	Description & location of Revision	Date Approved
Original RP		
Revision #		

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Last Updated: 10 April 2025

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1. PURPOSE, AUTHORITY, STUDY DESCRIPTION, AND PRODUCTS

a. Purpose. This review plan defines levels and scopes of review required for the feasibility phase products for the South Fork Licking River - Snagging and Clearing Project, in the Raccoon Creek tributary. The Review Management Organization (RMO) for this review plan is the Huntington District Commander.

b. Authority. Section 208 of the Flood Control Act 1954, as amended, authorizes the US Army Corps of Engineers (USACE) to study, adopt, and construct in-stream clearing and snagging projects in the interest of flood risk management. It is under the Continuing Authorities Program (CAP), which focuses on water resource related projects of relatively smaller scope, cost, and complexity.

c. Study Description. This study evaluates the feasibility of snagging and clearing the Raccoon Creek tributary of the South Fork Licking River for flood risk management. Logjams have restricted the flow and conveyance of identified streams within the South Fork Licking Watershed, which have caused increased flooding and have potential to cause damages to property, environment, and life safety. Raccoon Creek flows through the town of Granville, Ohio, and enters the South Fork Licking River at Newark, Ohio.

a. Products.

Table 1. List of Products to Be Prepared and Reviewed					
Product / Document	Prepared By	Type of Review to be Performed			
		DQC	ATR	Type I IEPR	Policy / Legal
Detailed Project Report (DPR) and Environmental Assessment (Main Report / Integrated DPR/EA)	In-house Resources	X	X		X
Real Estate Plan Appendix	In-house Resources	X	X		X
Hydrology and Hydraulic (H&H) Engineering Appendix	In-house Resources	X	X		X
Cost Estimate Appendix	In-house Resources	X	X		X
HTRW Assessment	In-house Resources	X			X
NEPA Environmental Coordination Appendix Including: <ul style="list-style-type: none">• Summary of Comments & Responses from Public and Agency Review• FONSI	In-house Resources	X	X		X

**South Fork Licking River –
Snagging and Clearing for Flood Control**

P2/Project No.: 496422

Review Plan
Last Updated: 10 April 2025

• Cultural Resources Report					
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All review products will be scaled accordingly. The Project Delivery Team (PDT) will be engaged with the review team throughout the life of the study to discuss the scope. At this time, the review scope covered below remains broad given the uncertainties present during the early stages of a study. Once the PDT has made their initial evaluation of all sites, they will engage with the review team on a more refined scope

2. REVIEW REQUIREMENTS

a. Types of Review. The feasibility phase activities and documents are required to be reviewed in accordance with Engineer Regulation (ER) 1110-1-12 and ER 1165-2-217. Based upon the factors under each heading, this study will undergo the reviews identified and described below.

(1) District Quality Control (DQC): DQC procedures will be performed and formally documented for all study products, including supporting documents.

- The District will perform and manage DQC procedures in accordance with the District DQC process.
- DQC will be documented with a summary report / certification.
- Supervisors within each area of responsibility will assign appropriate, qualified staff to perform QC on their respective products. Personnel performing QC shall have the necessary expertise to address compliance with Corps policy.
- The following disciplines will be playing a critical role in the DQC for this flood risk management study:

Table 2a. DQC Team Technical Disciplines and Expertise		
Technical Discipline	Peer DQC Reviewer	Chief Level DQC Reviewer
Plan Formulation		CELRH- PMD-F
Biologist/Cultural Resources		CELRH- PMD-R
Project Management		CELRH-PMP-M
Cost Engineer		CELRH-ECT-C
Legal Counsel		CELRH-OC
Real Estate Specialist		CELRH-RE-P
HTRW/Environmental Engineering		CELRH-ECC-E
Hydraulic Engineer		CELRH-EC-GW-W
Construction Engineering		CELRH-EC-CM

(2) Agency Technical Review (ATR): ATR will be scaled to a level commensurate with the risk and complexity of the products to be reviewed. The ATR will assess

**South Fork Licking River –
Snagging and Clearing for Flood Control**

P2/Project No.: 496422

Review Plan
Last Updated: 10 April 2025

whether the analyses presented are technically correct and comply with published USACE guidance, and that the document explains the analyses and results in a reasonably clear manner for the public and decision makers. ATR is mandatory for all decision documents (including supporting data, analyses, environmental compliance documents, etc.).

- ATR is managed within USACE by the designated RMO and is conducted by a qualified team from outside the home district that is not involved in the day-to-day production of the project/product.
- ATR teams will be comprised of senior USACE personnel.
- All ATR reviewers must be certified to perform ATR by USACE. Multiple disciplines may be covered by a single reviewer based on appropriate experience, expertise, and certification.
- ATR reviewers in the Plan Formulation, Environmental, Economic, and Cultural Resources must be certified by their respective Planning sub-CoP
- ATR reviewers in the Engineering & Construction discipline must be certified by the Certification and Access Program (CERCAP).
- The ATR team lead will be from outside LRD.
- The ATR review will be documented using DrChecks, and an ATR Summary Report and certification will be completed.

Table 2b. ATR Technical Disciplines and Expertise Required

ATR Disciplines	Expertise Required	Justification / Rationale
ATR Lead	The ATR lead should be a senior professional preferably with experience in preparing CAP Section 208 decision documents and conducting ATR. The lead should also have the necessary skills and experience to lead a virtual team through the ATR process. The ATR lead may also serve as a reviewer for a specific discipline.	REQUIRED: This team member will need to coordinate all ATR activities while reviewing their own discipline.
Plan Formulation	The Planning Reviewer should be a senior water resources planner with experience CAP Section 208 projects. The reviewer should be familiar with methodologies for removing obstructions and clearing channels for flood control.	REQUIRED: Plan formulation products will subject to review as LRH has limited experience with Section 208 projects to date.
NEPA Environmental Compliance/ Archaeological & Cultural	The Environmental Reviewer should be experienced in the analysis of impacts as required by the National Environmental Policy Act (NEPA) and other applicable laws, regulations, and executive orders.	REQUIRED: The Detailed Project Report will contain Integrated NEPA documentation.
Cost Engineering Reviewer	The cost engineer reviewer should have experience with feasibility-level cost development. The reviewer should have experience with the latest MII software	REQUIRED: Cost Engineering review required by EC 1165-2-217.

**South Fork Licking River –
Snagging and Clearing for Flood Control**

P2/Project No.: 496422

Review Plan
Last Updated: 10 April 2025

	used for cost estimating and should be certified by the Cost DX. Experience with preparing cost estimates for CAP Section 208 cost estimates would be preferred. Must be Certification and Access Program (CERCAP) certified.	
Real Estate Reviewer	The real estate reviewer should have experience with preparing real estate plans.	REQUIRED: Ensure the Real Estate Plan conforms to the real estate regulations, policies, and guidance.
HTRW	The HTRW reviewer should have experience with the materials covered during a Phase I HTRW review and understand the federal laws and regulations surrounding the placement of dredged materials. Expertise not anticipated to be required on ATR Team.	A Phase 1 Environmental Site Assessment will be prepared as part of this feasibility study and accomplished by the District. HTRW are not anticipated at this time and ATR review should be able to be completed by the environmental reviewer.
Hydrology and Hydraulic Engineering	The Hydrology and Hydraulic Engineering Reviewer should be experienced in modeling with and without project conditions within a watershed. Experience with the HEC-RAS modeling software is expected. Experience modeling changes in flow is also required.	REQUIRED: This ATR discipline is necessary to confirm the effects of removing logjams from the stream will have the anticipated benefits.
Construction	The Construction reviewer should be experienced in construction methods related to debris removal from streams with work from adjacent streambanks.	REQUIRED: This discipline is necessary to confirm that the planned construction methods are Feasible

(3) Type I Independent External Peer Review (IEPR): A Type I IEPR is not required based on the mandatory triggers outlined in ER 1165-2-217 and in the Memorandum for Major Subordinate Command (MSC) and District Commanders dated April 05, 2019; the memorandum provides interim guidance on streamlining IEPR for improved civil works product delivery. Paragraph 4 states a project study may be excluded Type I IEPR if the project does not meet any of the three mandatory IEPR triggers. In accordance with Engineer Pamphlet (EP) 1105-2-58, all CAP projects are excluded from Type I IEPR except those conducted under Section 205 and Section 103, or those projects that include an EIS or meet the mandatory triggers for Type I IEPR.

This feasibility study does not meet any of the three mandatory IEPR triggers for the following reasons:

- The estimated total cost of the project, including mitigation costs, is not greater than \$200 million.
- The Governor of Ohio has not requested a peer review by independent experts.

**South Fork Licking River –
Snagging and Clearing for Flood Control**

P2/Project No.: 496422

Review Plan
Last Updated: 10 April 2025

- The study is not controversial due to significant public dispute over size, nature, or effects of the project or the economic or environmental costs or benefits of the project.

When none of the three mandatory triggers for IEPR are met, MSC Commanders have the discretion to conduct IEPR on a risk-informed assessment of the expected contribution of IEPR to the project. An IEPR would not provide additional benefit to the study for the following reasons:

- a. This study does not include the development or use of any novel methods.
- b. This project does not pose likely threats to health and public safety.
- c. There is no anticipated inter-agency interest.
- d. Huntington District has not received a request from the head of any Federal or State agency for an IEPR.
- e. The proposed project is not anticipated to have unique construction sequencing or a reduced or overlapping design construction schedule.

(4) Type II Independent External Peer Review (IEPR): Type II IEPR, or Safety Assurance Review (SAR), are managed outside the USACE and are conducted on design and construction activities for hurricane, storm, and flood risk management projects or other projects where existing and potential hazards pose a significant threat to human life. Since this document does not involve life safety concerns, as confirmed by the Huntington District Chief of Engineering and Construction in the District Chief of Engineering Assessment of Life-Safety Risk, a Type II IEPR would not be considered.

(5) Policy and Legal Review: All decision documents will be reviewed for compliance with law and policy. Guidance for policy and legal compliance reviews is addressed in Appendix H, ER 1105-2-100.

- (6) Public Participation.
 - a. A public involvement program will be included to satisfy the NEPA requirements and solicit public and government agency input.
 - b. The District shall contact agencies with regulatory review for coordination as required by applicable laws and procedures.
 - c. The District will review comments resulting from public and agency review, and will provide the ATR team copies of public and agency comments and responses.

3. MODEL CERTIFICATION OR APPROVAL. The following models may be used to develop the decision documents:

Table 3a. Planning Models		
Model Name and Version	Model Description and How It Will Be Used	Certification / Approval Status & Date

**South Fork Licking River –
Snagging and Clearing for Flood Control**

P2/Project No.: 496422

Review Plan
Last Updated: 10 April 2025

Table 3b. Engineering Models		
Model Name and Version	Model Description and How It Will Be Used	Approval Status
NA	No engineering models will be used	

4. REVIEW SCHEDULE AND BUDGET. The schedule and budgets for reviews are shown in below table.

Table 3. Product and Review Schedule				
Product(s) to undergo Review	Review Level	Start Date	Finish Date	Budget (\$)
Draft Detailed Project Report and Integrated Environmental Assessment (DPR & EA)	District Quality Control	16 Jan 26	2 Feb 26	\$10k
Draft DPR & EA	Agency Technical Review	7 May 26	21 May 26	\$11k
Draft DPR & EA	LRH Policy and Legal Review	19 Feb 26	5 Mar 26	\$12k
Draft DPR & EA	Public and Agency Review	17 May 26	8 Jun 26	\$6k
Final DPR & EA	Final LRH Quality Control	22 Jul 26	31 Jul 26	\$3k
Final DPR & EA	Final Agency Technical Review	22 Jul 26	5 Aug 26	\$5K
Final DPR & EA	Final LRH Policy and Legal Review	14 Sep 26	19 Nov 26	N/A
*Scheduled Dates will be updated with Actual Dates as the project progresses				

ATTACHMENT 1 – Contacts

Function	Name (Last, First)	Phone	Office
RMO Contact	[REDACTED]	[REDACTED]	CELRH-PMP
MSC Contact – District Support Program Manager	[REDACTED]	[REDACTED]	CELRD-PDP

PROJECT DELIVERY TEAM			
Function/Discipline	Name (Last, First)	Phone	Office Org Code
Assistant Chief of PPM	[REDACTED]	[REDACTED]	CELRH-PM-PP
Construction	[REDACTED]	[REDACTED]	CELRH-ECC-M
Cost Engineer	[REDACTED]	[REDACTED]	CELRH-ECT-C
Economist	[REDACTED]	[REDACTED]	CELRH-PMD-F
Environmental Lead	[REDACTED]	[REDACTED]	CELRH-PMD-R
Environmental Remediation	[REDACTED]	[REDACTED]	CELRH-ECC-E
HTRW	[REDACTED]	[REDACTED]	CELRH-ECC-E
Hydraulic Engineer	[REDACTED]	[REDACTED]	CELRH-EC-H
Office of Counsel	[REDACTED]	[REDACTED]	CELRH-OC
Plan Formulator	[REDACTED]	[REDACTED]	CELRH-PMD-F
PMP QA Reviewer	[REDACTED]	[REDACTED]	CELRH-PMP-A
Project Analyst	[REDACTED]	[REDACTED]	CELRH-PMP-A
Project Controls	[REDACTED]	[REDACTED]	CELRH-PMP-A
Project Manager (Lead)	[REDACTED]	[REDACTED]	CELRH-PMP-M
Real Estate	[REDACTED]	[REDACTED]	CELRH-RE-P

DISTRICT QUALITY CONTROL (DQC) TEAM			
Function/Discipline	Name (Last, First)	Phone	Office
DQC Lead, Plan Formulation	[REDACTED]	[REDACTED]	CELRH-PMD-F
Env. Analysis & Climate Preparedness	[REDACTED]	[REDACTED]	CELRH-PMD-R
Project Management	[REDACTED]	[REDACTED]	CELRH-PMP-A
Cost Engineer	[REDACTED]	[REDACTED]	CELRH-EC-TC
Real Estate	[REDACTED]	[REDACTED]	CELRH-RE-P
Hydraulic Engineer	[REDACTED]	[REDACTED]	CELRH-EC-GW-W
HTRW	[REDACTED]	[REDACTED]	CELRH-ECC-E
Legal Counsel	[REDACTED]	[REDACTED]	CELRH-OC
Construction Engineer	[REDACTED]	n/a	CELRH-EC-CM

AGENCY TECHNICAL REVIEW (ATR) TEAM*			
Function/Discipline	Name (Last, First)	Phone	Office
ATR Lead/Plan Formulation	[REDACTED]	[REDACTED]	CEMVP-PDF
NEPA Environmental Compliance/ Archaeological & Cultural	TBD	TBD	TBD
Climate Preparedness and Resiliency	TBD	TBD	TBD
Cost Engineering Reviewer	TBD	TBD	TBD
HTRW	TBD	TBD	TBD

**South Fork Licking River –
Snagging and Clearing for Flood Control**

P2/Project No.: 496422

Review Plan
Last Updated: 10 April 2025

Real Estate	TBD	TBD	TBD
Construction	TBD	TBD	TBD

MSC / HQ Policy and Legal Compliance Review Team			
Function/Discipline	Name (Last, First)	Phone	Office
Review Manager	TBD		
Planning Reviewer	TBD		
Economics Reviewer	TBD		
Technical Design Reviewer	TBD		
Environmental Reviewer	TBD		
Hydrology and Hydraulic Engineering/Climate Reviewer	TBD		
Cost Engineering Reviewer	TBD		
Real Estate Reviewer	TBD		