

**APPROVED JURISDICTIONAL DETERMINATION FORM**  
**U.S. Army Corps of Engineers**

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

**SECTION I: BACKGROUND INFORMATION**

**A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD):** October 13, 2021

**B. DISTRICT OFFICE, FILE NAME, AND NUMBER:** Riverside Village SWL-2021-00266

**C. PROJECT LOCATION AND BACKGROUND INFORMATION:**

State: Arkansas County/parish/borough: Washington City: Fayetteville  
Center coordinates of site (lat/long in degree decimal format): Lat. 36.02909°, Long. -94.12766°  
Universal Transverse Mercator: NAD83 Zone 15 N 3987753 northing 398407 easting  
Name of nearest waterbody: West Fork White River  
Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: White River  
Name of watershed or Hydrologic Unit Code (HUC): 11010001 (Beaver Reservoir)

- Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.  
 Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form

**D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):**

- Office (Desk) Determination. Date: October 12, 2021  
 Field Determination. Date(s): October 12, 2021

**SECTION II: SUMMARY OF FINDINGS**

**A. RHA SECTION 10 DETERMINATION OF JURISDICTION.**

There are no “*navigable waters of the U.S.*” within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [Required]

- Waters subject to the ebb and flow of the tide.  
 Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.  
Explain:

**B. CWA SECTION 404 DETERMINATION OF JURISDICTION.**

There are “*waters of the U.S.*” within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [Required]

**1. Waters of the U.S.**

**a. Indicate presence of waters of U.S. in review area (check all that apply):<sup>1</sup>**

- TNWs, including territorial seas  
 Wetlands adjacent to TNWs  
 Relatively permanent waters<sup>2</sup> (RPWs) that flow directly or indirectly into TNWs  
 Non-RPWs that flow directly or indirectly into TNWs  
 Wetlands directly abutting RPWs that flow directly or indirectly into TNWs  
 Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs  
 Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs  
 Impoundments of jurisdictional waters  
 Isolated (interstate or intrastate) waters, including isolated wetlands

**b. Identify (estimate) size of waters of the U.S. in the review area:**

Non-wetland waters: 8,033 linear feet: channels range from 2' to 60' in width (ft) and/or acres.  
Wetlands: 2.66 acres.

**c. Limits (boundaries) of jurisdiction based on:**

Elevation of established OHWM (if known):

**2. Non-regulated waters/wetlands (check if applicable):<sup>3</sup>**

- Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional.  
Explain: Wetlands (WET-1, WET-2, WET-3, and WET-4) total approximately 0.53 acre. These four wetland areas are located outside of mapped floodplains and supported no hydrologic connection to West Fork White River or tributaries to West Fork White River.

<sup>1</sup> Boxes checked below shall be supported by completing the appropriate sections in Section III below.

<sup>2</sup> For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least “seasonally” (e.g., typically 3 months).

<sup>3</sup> Supporting documentation is presented in Section III.F.

**SECTION III: CWA ANALYSIS**

**A. TNWs AND WETLANDS ADJACENT TO TNWs**

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

**1. TNW**

Identify TNW:

Summarize rationale supporting determination:

**2. Wetland adjacent to TNW**

Summarize rationale supporting conclusion that wetland is “adjacent”:

**B. Characteristics of Tributary (That Is Not a TNW) and Its Adjacent Wetlands (If Any):**

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under *Rapanos* have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are “relatively permanent waters” (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody<sup>4</sup> is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

**1. Characteristics of non-TNWs that flow directly or indirectly into TNW**

**(i) General Area Conditions:**

Watershed size: 2172 square miles

Drainage area: 32.3 square miles

Average annual rainfall: 47 inches

Average annual snowfall: 7 inches

**(ii) Physical Characteristics:**

**(a) Relationship with TNW:**

Tributary flows directly into TNW.

Tributary flows through tributaries before entering TNW.

Project waters are 10-15 river miles from TNW.

Project waters are 1 (or less) river miles from RPW.

Project waters are 5-10 aerial (straight) miles from TNW.

Project waters are 1 (or less) aerial (straight) miles from RPW.

Project waters cross or serve as state boundaries. Explain:

Identify flow route to TNW<sup>5</sup>: Tributaries flow to West Fork White River, which flows to White River (TNW)

Tributary stream order, if known:

**(b) General Tributary Characteristics (check all that apply):**

**Tributary is:**  Natural

Artificial (man-made). Explain:

Manipulated (man-altered). Explain:

<sup>4</sup> Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

<sup>5</sup> Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

**Tributary properties with respect to top of bank (estimate):**

Average width: West Fork White River (OW-1A): 60 feet; West Fork White River secondary channel (OW-1B): 30 feet; Intermittent (OW-2): 7 feet; Intermittent (OW-3): 5 feet; Intermittent (OW-4): 4 feet; Ephemeral (EPH-1): 2 feet; EPH-2: 2.5 feet; EPH-3: 3 feet.

Average depth: West Fork White River: 3 feet; West Fork White River secondary channel (OW-1B): 2 feet; Intermittent (OW-2): 6 inches; Intermittent (OW-3): 3 inches; Intermittent (OW-4): 3 inches; Ephemeral (EPH-1): 3 inches; EPH-2: 3 feet; EPH-3: 2 inches deep.

Average side slopes: 3:1

**Primary tributary substrate composition (check all that apply):**

- |   |  |                                   |
|---|--|-----------------------------------|
| <input checked="" type="checkbox"/> Silts   | <input type="checkbox"/> Sands                     | <input type="checkbox"/> Concrete |
| <input checked="" type="checkbox"/> Cobbles   | <input checked="" type="checkbox"/> Gravel         | <input type="checkbox"/> Muck     |
| <input checked="" type="checkbox"/> Bedrock   | <input type="checkbox"/> Vegetation. Type/% cover: |                                   |
| <input checked="" type="checkbox"/> Other. Explain: Boulder (West Fork White River) |  |                                   |

Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: Natural conditions, minor erosion on West Fork White River.

Presence of run/riffle/pool complexes. Explain: Streams supported a natural mixture of riffle/run/pool complexes.

Tributary geometry: Meandering

Tributary gradient (approximate average slope): %

(c) **Flow:**

Tributary provides for:

Estimate average number of flow events in review area/year:

Describe flow regime: West Fork White River (OW-1) (both primary and secondary channel) is perennial. Intermittent channels OW-2, OW-3, and OW-4 support seasonal flow and based on field conditions either dry up or are restricted to pools during dry season. Ephemeral channels, EPH-1, EPH-2, and EPH-3, support ephemeral flow in direct response to rainfall/precipitation events.

Other information on duration and volume:

Surface flow is: Discrete and Confined Characteristics:

Subsurface flow: Explain findings:

- Dye (or other) test performed:

Tributary has (check all that apply):

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Bed and banks  |   |
| <input checked="" type="checkbox"/> OHWM <sup>6</sup> (check all indicators that apply): |   |
| <input checked="" type="checkbox"/> clear, natural line impressed on the bank            | <input type="checkbox"/> the presence of litter and debris          |
| <input type="checkbox"/> changes in the character of soil                                | <input type="checkbox"/> destruction of terrestrial vegetation      |
| <input checked="" type="checkbox"/> shelving   | <input type="checkbox"/> the presence of wrack line                 |
| <input type="checkbox"/> vegetation matted down, bent, or absent                         | <input type="checkbox"/> sediment sorting                           |
| <input type="checkbox"/> leaf litter disturbed or washed away                            | <input checked="" type="checkbox"/> scour                           |
| <input checked="" type="checkbox"/> sediment deposition                                  | <input type="checkbox"/> multiple observed or predicted flow events |
| <input type="checkbox"/> water staining  | <input type="checkbox"/> abrupt change in plant community           |
| <input type="checkbox"/> other (list):   |   |
| <input type="checkbox"/> Discontinuous OHWM. <sup>7</sup> Explain:                       |   |

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> High Tide Line indicated by:              | <input type="checkbox"/> Mean High Water Mark indicated by:            |
| <input type="checkbox"/> oil or scum line along shore objects      | <input type="checkbox"/> survey to available datum;                    |
| <input type="checkbox"/> fine shell or debris deposits (foreshore) | <input type="checkbox"/> physical markings;                            |
| <input type="checkbox"/> physical markings/characteristics         | <input type="checkbox"/> vegetation lines/changes in vegetation types. |
| <input type="checkbox"/> tidal gauges                              |  |
| <input type="checkbox"/> other (list):                             |  |

**(iii) Chemical Characteristics:**

<sup>6</sup>A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.

<sup>7</sup>Ibid.

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).

Explain: Water color was clear in West Fork White River and associated tributaries. Immediate drainage area is largely undeveloped, but transitions to highly developed further downstream in watershed.

Identify specific pollutants, if known: Typical farming/rural related pollutants (sediment, nutrients); runoff from small amount of impervious surface in immediate watershed.

**(iv) Biological Characteristics. Channel supports (check all that apply):**

- Riparian corridor. Characteristics (type, average width): West Fork White River supports a mature riparian corridor varying from 100 to greater than 500 feet in width within/near the subject property. The riparian corridor includes species characteristic of Ozark ecoregion (silver maple, sycamore, river birch, etc.).
- Wetland fringe. Characteristics:
- Habitat for:
  - Federally Listed species. Explain findings: Riparian forest and nearby upland/wetland forested communities may support suitable habitat for listed bat species, such as northern long-eared bat and Indiana bat.
  - Fish/spawn areas. Explain findings:
  - Other environmentally-sensitive species. Explain findings:
  - Aquatic/wildlife diversity. Explain findings: West Fork White River supports a fishery with such species as smallmouth bass, spotted bass, various additional sunfish, and other non-game fish and benthic species. Intermittent channels OW-1 through OW-4 may support non-game fish species, and other aquatic fauna. Channels provide a water source for semi-aquatic and terrestrial wildlife species.

**2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW**

**(i) Physical Characteristics:**

**Wetlands 6 and 7 (WET-6 and WET-7)**

**(a) General Wetland Characteristics:**

Properties:

Wetland size: WET-6: 2.22 acres; WET-7: 0.23 acres.

Wetland type. Explain: Wetlands are palustrine forested (dominated in the canopy by green ash and in the herbaceous layer by species such as *Ludwigia* sp., *Persicaria* sp., and other hydrophytes).

Wetland quality. Good. Explain: Forested wetlands exhibiting minimal impacts; wetlands support several functions and values (flood storage, diversity, etc.).

Project wetlands cross or serve as state boundaries. No. Explain: Wetlands are not located near state boundaries.

**(b) General Flow Relationship with Non-TNW:**

Flow is: Intermittent Flow Explain: Wetlands directly abut perennial and intermittent channels.

Surface flow is: Discrete and Confined

Characteristics:

Subsurface flow: Unknown Explain findings:

- Dye (or other) test performed:

**(c) Wetland Adjacency Determination with Non-TNW:**

- Directly abutting
- Not directly abutting
  - Discrete wetland hydrologic connection. Explain:
  - Ecological connection. Explain:
  - Separated by berm/barrier. Explain:

**(d) Proximity (Relationship) to TNW**

Project wetlands are 5-10 river miles from TNW.

Project waters are 5-10 aerial (straight) miles from TNW.

Flow is from: Wetland to Navigable Waters

Estimate approximate location of wetland as within the 2-year or less floodplain.

**Wetland 5 (WET-5)**

**(a) General Wetland Characteristics:**

Properties:

Wetland size: 0.21 acres.

Wetland type. Explain: Palustrine forested (dominated in the canopy by green ash and in the herbaceous layer by species such as *Ludwigia* sp., *Persicaria* sp., and other hydrophytes).

Wetland quality. Explain: Good.

Project wetlands cross or serve as state boundaries. No. Explain:

(b) General Flow Relationship with Non-TNW:

Flow is: Intermittent Flow Explain: Wetland is located within 100-year floodplain and adjacent to floodway associated with West Fork White River.

Surface flow is: Discrete and Confined

Characteristics:

Subsurface flow: Unknown Explain findings:

Dye (or other) test performed:

(c) Wetland Adjacency Determination with Non-TNW:

Directly abutting

Not directly abutting

Discrete wetland hydrologic connection. Explain: Wetland receives hydrology from West Fork White River and associated tributaries during flood events.

Ecological connection. Explain:

Separated by berm/barrier. Explain:

(d) Proximity (Relationship) to TNW

Project wetlands are 5-10 river miles from TNW.

Project waters are 5-10 aerial (straight) miles from TNW.

Flow is from: Wetland to Navigable Waters

Estimate approximate location of wetland as within the 2-year or less floodplain

(ii) **Chemical Characteristics:**

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain: Water color generally clear (based on consultant wetland delineation, features were primarily dry at time of Corps site visit).

Identify specific pollutants, if known: Pollutants include those associated with agriculture such as sediment, nutrient loads. Additional run-off associated with infrastructure in the watershed may include oils, etc.

(iii) **Biological Characteristics. Wetland supports (check all that apply):**

Riparian buffer. Characteristics (type, average width): Forested, variable width.

Vegetation type/percent cover. Explain:

Habitat for:

Federally Listed species. Explain findings: Potential habitat for northern long-eared bat and Indiana bat.

Fish/spawn areas. Explain findings:

Other environmentally-sensitive species. Explain findings:

Aquatic/wildlife diversity. Explain findings: Water source for semi-aquatic and terrestrial wildlife.

3. **Characteristics of all wetlands adjacent to the tributary (if any)**

All wetland(s) being considered in the cumulative analysis:

Approximately () acres in total are being considered in the cumulative analysis.

For each wetland, specify the following:

	<u>Directly abuts? (Y/N)</u>	<u>Size (in acres)</u>	<u>Directly abuts? (Y/N)</u>	<u>Size (in acres)</u>
WET-5	No	0.21		
WET-6	Yes	2.22		
WET-7	Yes	0.23		

Summarize overall biological, chemical and physical functions being performed:

C. **SIGNIFICANT NEXUS DETERMINATION**

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not

appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos* Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

*Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:*

1. **Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D: Ephemeral channels (EPH-1, EPH-2, and EPH-3) exhibit an OHWM and flow directly into RPWs (OW-1 and OW-3).
2. **Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:
3. **Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:

**D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):**

1. **TNWs and Adjacent Wetlands.** Check all that apply and provide size estimates in review area:

- TNWs: linear feet width (ft), Or, acres.
- Wetlands adjacent to TNWs: acres.

2. **RPWs that flow directly or indirectly into TNWs.**

- Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial: West Fork White River (OW-1A and OW-1B) is mapped perennial by NHD and USGS topographic quadrangles.
- Tributaries of TNW where tributaries have continuous flow “seasonally” (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally: OW-2, OW-3, and OW-4, all support a well-established bed/bank, diverse stream morphology (riffle/run/pool), and aerial photography (Google Earth) indicates seasonal flow.

Provide estimates for jurisdictional waters in the review area (check all that apply):

- Tributary waters: OW-1A/OW-1B: 799 linear feet 60 width (ft); OW-2: 2,277 linear feet 7 width (ft); OW-3: 3,093 linear feet 5 width (ft); OW-4: 417 linear feet 4 width (ft).
  - Other non-wetland waters: acres.
- Identify type(s) of waters:

3. **Non-RPWs<sup>8</sup> that flow directly or indirectly into TNWs.**

- Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional waters within the review area (check all that apply):

- Tributary waters: Eph-1: 251 linear feet 2 width (ft); Eph-2: 488 linear feet 2 width (ft); Eph-3: 208 linear feet 2 width (ft).
  - Other non-wetland waters: acres.
- Identify type(s) of waters:

4. **Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.**

- Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.
- Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: Wetlands (WET 6 and WET-7) directly abut/connect to West Fork White River, forming a direct hydrologic connection.

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<sup>8</sup>See Footnote # 3.

- Wetlands directly abutting an RPW where tributaries typically flow “seasonally.” Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW:

Provide acreage estimates for jurisdictional wetlands in the review area: 2.45 acres.

**5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs.**

- Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide acreage estimates for jurisdictional wetlands in the review area: Wetland C (WET-C) 0.21 acres.

**6. Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.**

- Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional wetlands in the review area: acres.

**7. Impoundments of jurisdictional waters.<sup>9</sup>**

As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.

- Demonstrate that impoundment was created from “waters of the U.S.,” or  
 Demonstrate that water meets the criteria for one of the categories presented above (1-6), or  
 Demonstrate that water is isolated with a nexus to commerce (see E below).

**E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS (CHECK ALL THAT APPLY):<sup>10</sup>**

- which are or could be used by interstate or foreign travelers for recreational or other purposes.  
 from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.  
 which are or could be used for industrial purposes by industries in interstate commerce.  
 Interstate isolated waters. Explain:  
 Other factors. Explain:

**Identify water body and summarize rationale supporting determination:**

Provide estimates for jurisdictional waters in the review area (check all that apply):

- Tributary waters: linear feet width (ft).  
 Other non-wetland waters: acres.  
Identify type(s) of waters:  
 Wetlands: acres.

**F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY):**

- If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements.  
 Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce.  
 Prior to the Jan 2001 Supreme Court decision in “SWANCC,” the review area would have been regulated based solely on the “Migratory Bird Rule” (MBR).  
 Waters do not meet the “Significant Nexus” standard, where such a finding is required for jurisdiction. Explain:  
 Other: (explain, if not covered above):

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment (check all that apply):

- Non-wetland waters (i.e., rivers, streams): linear feet width (ft).  
 Lakes/ponds: acres.  
 Other non-wetland waters: acres. List type of aquatic resource: .  
 Wetlands: WET-1 0.04 acres; WET-2 0.02 acres; WET-3 0.33 acres; and WET-4 0.14 acres.

<sup>9</sup> To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.

<sup>10</sup> Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.

Provide acreage estimates for non-jurisdictional waters in the review area that do not meet the “Significant Nexus” standard, where such a finding is required for jurisdiction (check all that apply):

- Non-wetland waters (i.e., rivers, streams): linear feet width (ft).
- Lakes/ponds: acres.
- Other non-wetland waters: acres. List type of aquatic resource: .
- Wetlands: acres.

**SECTION IV: DATA SOURCES.**

**A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):**

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Request for an Approved Jurisdictional Determination Riverside Village, Washington County, Arkansas by Crafton Tull dated August 23, 2021.
- Data sheets prepared/submitted by or on behalf of the applicant/consultant.
  - Office concurs with data sheets/delineation report.
  - Office does not concur with data sheets/delineation report.
- Data sheets prepared by the Corps:
- Corps navigable waters’ study:
- U.S. Geological Survey Hydrologic Atlas: HUC 8: 11010001, HUC 12: 110100010404; NHD data accessed via National Regulatory Viewer
  - USGS NHD data.
  - USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: Fayetteville, AR (1:24K)
- USDA Natural Resources Conservation Service Soil Survey. Citation: Soil Survey of Washington County, Arkansas (1969); NRCS soil maps also provided in Crafton Tull wetland delineation.
- National wetlands inventory map(s). Cite name: Provided by Crafton Tull in wetland delineation dated August 2021.
- State/Local wetland inventory map(s):
- FEMA/FIRM maps: FEMA floodplain map provide by Crafton Tull in wetland delineation report dated August 2021.
- 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
- Photographs:  Aerial (Name & Date): Google Earth (1994-2020); Crafton Tull (Wetland Delineation dated 2021)  
 or  Other (Name & Date): Crafton Tull (Wetland Delineation dated August 2021); Corps site visit (October 12, 2021).
- Previous determination(s). File no. and date of response letter:
- Applicable/supporting case law:
- Applicable/supporting scientific literature:
- Other information (please specify):

**B. ADDITIONAL COMMENTS TO SUPPORT JD:** The subject property is located in a generally level area adjacent to West Fork White River (WFWR); the eastern portion of the subject property is within a broad floodplain associated with WFWR. Wetlands 6 and 7 directly abut WFWR; Wetland 5 (WET-5) lies in floodplain adjacent to WFWR. Channels OW-2, OW-3, and OW-4 were identified as intermittent tributaries (RPWs) that flow directly into WFWR. Ephemeral channels (EPH-1, EPH-2, and EPH-3) supported OHWM indicators and flow directly into WFWR or OW-3 (RPWs); therefore, these channels qualify for jurisdiction as waters of the U.S. Finally, wetlands WET-1, WET-2, WET-3 and WET-4, were located well outside the floodplain associated with WFWR. These features were surrounded by uplands; there was no hydrologic connection observed between these wetland features and regulated waters of the U.S.

October 13, 2021

Date

David Rupe  
Project Manager