# 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: BACKGROUN | D INFORMATION |
|----------------------|---------------|
|----------------------|---------------|

- A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): February 7, 2022
- B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Norfolk District, Villages of Gloucester, NAO-2018-00231

| C | PRO IFCT I | OCATION | AND BACKCROUND | INFORMATION: |
|---|------------|---------|----------------|--------------|

| <b>C.</b> | INOULCII                   | documental breakdround in Gallinon.  |
|-----------|----------------------------|--|
|           | State: Virgin              | ia County/parish/borough: Gloucester County  |
|           | Center coord               | inates of site (lat/long in degree decimal format): Lat. 37.384348° N, Long76.541279° W. Universal Transverse Mercator: 18 S 363552.06 m E 4138625.17 m N  |
|           | Name of near               | rest waterbody: Robins Pond; Fox Mill Run<br>rest Traditional Navigable Water (TNW) into which the aquatic resource flows: Ware River<br>ershed or Hydrologic Unit Code (HUC): 02080102  |
|           | Check it                   | f map/diagram of review area and/or potential jurisdictional areas is/are available upon request. f other sites (e.g., offsite mitigation sites, disposal sites, etc) are associated with this action and are recorded on a t JD form.   |
| D.        | REVIEW PI                  | ERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):   |
|           |                            | Desk) Determination. Date: etermination. Date(s): March 6, 2018, April 26, 2018; October 19, 2021  |
| SEC<br>A. | CTION II: SU<br>RHA SECTIO | UMMARY OF FINDINGS<br>ON 10 DETERMINATION OF JURISDICTION.   |
| The       |                            | vigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review   |
|           |                            | subject to the ebb and flow of the tide. are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.   |
| B.        | CWA SECTION                | ON 404 DETERMINATION OF JURISDICTION.  |
| The       | re 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 a. Indic      | ate presence of waters of U.S. in review area (check all that apply):   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. Ident                   | ify (estimate) size of waters of the U.S. in the review area:  |

Non-wetland waters: 1640 linear feet: 2 to 3' width (ft)

Wetlands: 8.52 acres.

c. Limits (boundaries) of jurisdiction based on: 1987 Corps of Engineers Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region.

<sup>&</sup>lt;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).

### 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: Approximately 4.68 acres of isolated wetlands that lack surficial connection to downstream waters were identified onsite.

### **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 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

# Watershed size: 429,726.82 acres Drainage area: 15 acres Average annual rainfall: 45.05 inches Average annual snowfall: 7.69 inches (ii) Physical Characteristics: (a) Relationship with TNW: ☐ Tributary flows directly into TNW. ☐ Tributary flows through 2 tributaries before entering TNW. Project waters are 2 to 5 river miles from TNW. Project waters are 1 or less river miles from RPW.

**General Area Conditions:** 

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

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

| Project waters are 1 to 2 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: N/A. |  |

Identify flow route to TNW<sup>5</sup>: Jurisdictional wetlands in western portion of property flow north to an unnamed offsite tributary to Fox Mill Run which flows east to the Ware River. The jurisdictional wetlands along the northern portion of the property flow through a roadside ditch (RPW), then through culverts, to unnamed headwater tributaries to Fox Mill Run. Wetlands along southern portion of property flow south to an unnamed offsite tributary upstream of Robins Pond, then east to Wilson Creek.

|     | then east to wilson Creek.   |
|-----|--|
|     | Tributary stream order, if known: 1.   |
| (b) | General Tributary Characteristics (check all that apply):  Tributary is: □ Natural  Artificial (man-made). Explain: Ditch feature in the northern portion of the project area that runs along Burleigh Road conveys flow from the wetlands, then north through culverts under Burleigh road to an unnamed headwater tributary to Fox Mill Run.  Manipulated (man-altered). Explain: A portion of the ditch feature may be a historically altered feature.  |
|     | Tributary properties with respect to top of bank (estimate):  Average width: 2.5 feet  Average depth: 1.5 feet  Average side slopes: 1:1.5   |
|     | Primary tributary substrate composition (check all that apply):  Silts Sands Concrete Cobbles Gravel Muck Bedrock Vegetation. Type/% cover:  Other. Explain:   |
|     | Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: Fairly stable; roadsite ditch feature. Presence of run/riffle/pool complexes. Explain: N/A. Tributary geometry: Relatively straight Tributary gradient (approximate average slope): 2 %  |
| (c) | Flow: Tributary provides for: Seasonal Flow Estimate average number of flow events in review area/year: 20 or greater Describe flow regime: Ditch feature is at least intermittent. Other information on duration and volume: In addition to surface flow from surrounding wetlands and uplands, ditch likely receives some groundwater input during portions of the year.   |
|     | Surface flow is: Discreet and confined.  |
|     | Tributary has (check all that apply):  Bed and banks  OHWM <sup>6</sup> (check all indicators that apply):  clear, natural line impressed on the bank changes in the character of soil shelving vegetation matted down, bent, or absent leaf litter disturbed or washed away sediment deposition water staining other (list):  Tributary has (check all that apply):  the presence of litter and debris destruction of terrestrial vegetation the presence of wrack line sediment sorting sediment sorting multiple observed or predicted flow events abrupt change in plant community |

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>&</sup>lt;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. <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

### (iii) Chemical Characteristics:

2.

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.). Explain: Feature consists of a roadside ditch with observed ordinary high water mark; water quality in ditch would generally be considered poor given proximity to highly traveled roadway.

| (iv) |      | ogical Characteristics. Channel supports (check all that apply):  Riparian corridor. Characteristics (type, average width): Riparian corridor greater than 250 feet throughout property with the exception of northern portion of site adjacent to Burleigh Road  Wetland fringe. Characteristics: Portions of the wetlands directly abut ditch feature  Habitat for:  |
|------|------|--|
|      | _    | Federally Listed species. Explain findings:  |
|      |      | Fish/spawn areas. Explain findings: .  |
|      |      | Other environmentally-sensitive species. Explain findings:   |
|      |      | Aquatic/wildlife diversity. Explain findings: .  |
| Cha  | ract | eristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW   |
| (i)  |      | Sical Characteristics:  General Wetland Characteristics: Properties: Wetland size: 8.52 acres Wetland type. Explain: Palustrine forested wetlands Wetland quality. Explain: Jurisdictional wetlands consists of semi-mature pine and hardwood communities. These features are at the headwaters of several secondary drainage features in a fairly level landscape. Portions of these mineral flat wetlands have lower depressional features within them. Wetlands in the northern portion of the site contain a higher percentage of hardwoods, while wetlands in the south and west are more pine-dominated. Wetlands onsite appear persistent and stable. Evidence of historic disturbance from timbering/land use, including ditching, spoi piles, is present throughout much of the property. |
|      |      | Project wetlands cross or serve as state boundaries. Explain: N/A.   |
|      | (b)  | General Flow Relationship with Non-TNW: Flow is: Intermitent/Seasonal flow.  |
|      |      | Surface flow: Portions of the wetlands exhibit both discreet and confined flow as well as overland sheet flow connections to downstream waters/wetlands.  Subsurface flow: Unknown.  |
|      | (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 2 to 5 river miles from TNW. Project waters are 1 to 2 aerial (straight) miles from TNW. Flow is from: wetlands to RPW's, to navigable waters Wetlands are outside of floodzones.   |
| (ii) |      | emical Characteristics:<br>racterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed  |

characteristics; etc.). Explain: water color fairly clear. Watershed is fairly undeveloped, with the exception of singlefamily residences and small business.

Identify specific pollutants, if known: None known.

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

Riparian buffer. Characteristics (type, average width): Approximately 100 feet on north portion of site; greater than 500 feet throughout the remainder of the site.

|      | Vegetation type/percent cover. Explain: Community consists of immature to semi-mature mixed hardwood-pine community. No developed areas or non-vegetated communities are present in this portion of the site. Depressional portions of wetlands contain decreased shrub and overstory density. |
|------|--|
|      | Habitat for:  ☐ Federally Listed species. Explain findings: Potential for northern long-eared bat and small whorled pogonia.  ☐ Fish/spawn areas. Explain findings:  |
|      | Other environmentally-sensitive species. Explain findings:   |
| ract | Aquatic/wildlife diversity. Explain findings: Potential habitat for mabeii salamander present.   |

# Characteristics of all wetlands adjacent to the tributary (if any)

All wetland(s) being considered in the cumulative analysis: 4 Approximately 8.52 acres in total are being considered in the cumulative analysis.

For each wetland, specify the following:

| Directly abuts? (Y/N) | Size (in acres) | Directly abuts? (Y/N) | Size (in acres) |
|-----------------------|-----------------|-----------------------|-----------------|
| Y                     | 0.41            | Y                     | 0.07            |
| Y                     | 3.25            | Y                     | 3.17            |
| Y                     | 1.62            |                       |                 |

Summarize overall biological, chemical and physical functions being performed: The onsite wetlands provide important functions that benefit the Ware River (TNW) including, but not limited to, carbon sequestration, denitrification, temporary storage of precipitation, groundwater table recharge, reduction of transport of sediment and nutrients to downstream waters, and wildlife habitat.

### 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:

- 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:
- 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:
- 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. 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: 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: Ditch (RPW) intercepts frow from adjacent wetlands and may have groundwater contribution during wet season.. Provide estimates for jurisdictional waters in the review area (check all that apply): Tributary waters: 1640 linear feet 2-3 width (ft). Other non-wetland waters: acres. Identify type(s) of waters: Non-RPWs<sup>7</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: linear feet width (ft). Other non-wetland waters: Identify type(s) of waters: 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 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: Based on delineation performed onsite, wetlands along northern portion of site directly abut and flow into roadside ditch feature that drains directly to unnamed tributary to Fox Mill Run. Wetlands in western portion of property are within a natural drainage feature, that receives both surface waters from surrounding uplands and potential groundwater input, and flow north to unnamed tributary to Fox Mill Run. Wetlands along southern portion of property appear to be within a large wetland complex that extends offsite to the south and flow to an unnamed headwater tributary to Robins Pond. Provide acreage estimates for jurisdictional wetlands in the review area: 8.52 acres. 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 jurisidictional. Data supporting this conclusion is provided at Section III.C. Provide acreage estimates for jurisdictional wetlands in the review area: acres. 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.

<sup>&</sup>lt;sup>7</sup>See Footnote # 3.

|     | 7.          | Impoundments of jurisdictional waters. <sup>8</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.  | SUC<br>     | DLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, GRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY CH WATERS (CHECK ALL THAT APPLY):9  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:  |
| Ide | ntify       | water body and summarize rationale supporting determination:  |
|     | Pro         | vide 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.  |             | N-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): |
|     | fact        | vide acreage estimates for non-jurisdictional waters in the review area, where the <u>sole</u> potential basis of jurisdiction is the MBR ors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional gment (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: 4.68 acres.  |
|     |             | vide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such ding 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.  |
| SEC | CTIC        | ON IV: DATA SOURCES.  |
|     |             |   |
| Α.  |             | <b>PORTING DATA.</b> Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked requested, appropriately reference sources below):  |
|     | $\boxtimes$ | Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Map prepared by Wetland Studies and Solutions,  |

Inc. entitled "Wetland Delineation Villages of Gloucester Phase 1", dated November 29, 2021 and stamped as received by the Corps on December 3, 2021.

<sup>&</sup>lt;sup>8</sup> To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.
<sup>9</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.

| $\boxtimes$ | Data sheets prepared/submitted by or on behalf of the applicant/consultant.  Office concurs with data sheets/delineation report: Revised following site visit on October 19, 2021. |
|-------------|--|
| _           | 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: .   |
|             | USGS NHD data.   |
|             | ☐ USGS 8 and 12 digit HUC maps.  |
| $\boxtimes$ | U.S. Geological Survey map(s). Cite scale & quad name: Gloucester, Virginia .  |
| $\boxtimes$ | USDA Natural Resources Conservation Service Soil Survey. Citation: USDA-NCSS Digital SSURGO and STATSGO Data.  |
| $\bowtie$   | National wetlands inventory map(s). Cite name: USFWS Digital Wetland and Riparian Data.  |
|             | State/Local wetland inventory map(s):  |
|             | FEMA/FIRM maps: .  |
|             | 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)  |
| $\boxtimes$ | Photographs: Aerial (Name & Date): 2009 IR; 2013 IR; 2015 IR; 2017IR; 2019.  |
|             | or  Other (Name & Date):   |
| $\boxtimes$ | Previous determination(s). File no. and date of response letter: Preliminary Jurisdictional Determination (NAO-2018-00231)   |
| issu        | and on a larger study area (892-acres) that included the portion of the site currently included in the AJD.  |
|             | Applicable/supporting case law: .  |
|             | Applicable/supporting scientific literature: .   |
|             | Other information (please specify):  |

**B.** ADDITIONAL COMMENTS TO SUPPORT JD: This AJD Form covers the Phase 1 portion of the Villages of Gloucester site. The majority of the study area lies within nearly level terrain at the headwaters of unnamed tributaries to Fox Mill Run and Robins Pond. The onsite jurisdictional wetlands provide important functions that benefit the Ware River and Wilson Creek (TNW) including, but not limited to, carbon sequestration, denitrification, temporary storage of precipitation, groundwater table recharge, reduction of transport of sediment and nutrients to downstream waters, and wildlife habitat. Non-jurisdictional wetlands that lack surface flow connections to downstream waters are present onsite. The study area also contains approximately 6075 linear feet of non-jurisdictional ditch features that do not meet the wetland criteria and lack an ordinary high-water mark.