

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): January 24, 2020

B. ST PAUL, MN DISTRICT OFFICE, FILE NAME, AND NUMBER: 2019-02985-AJK

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: **WI** County/parish/borough: **Racine** City: **Union Grove**

Center coordinates of site (lat/long in degree decimal format): Lat. **42.68540° N**, Long. **-88.06859° W**.

Universal Transverse Mercator: **UTM Zone 16**

Name of nearest waterbody: **Unnamed trib to Des Plaines River**

Name of watershed or Hydrologic Unit Code (HUC): **Headwaters Des Plaines River (0712000401)**

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: **12/23/2019**

Field Determination. Date(s):

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.

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There are no "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

1. Waters of the U.S.: N/A

2. Non-regulated waters/wetlands (check if applicable):¹

- Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain: **The review area contains four wetlands, labeled A, B, C, and D. The general location of the aquatic resources is shown on the enclosed figures labeled 2019-02985-AJK Figures 1-2 of 2. Wetlands A (0.113 ac) and B (0.255 ac) are fresh wet meadows originally formed in an agricultural field. These wetlands are dominated by barnyard grass. Wetland C (0.676 ac) is a fresh wet meadow dominated by box elder, tussock sedge, and reed canary grass. The railroad ditch adjacent to wetland C was reviewed for any culverts or conveyance features that could possibly connect to other waters of the U.S., and none were found. Wetland D is a grassed swale excavated in upland to drain the foundation of the new building.**

The three isolated wetlands (A, B, and C) are not considered waters of the U.S., per review of the wetland delineation report performed by Wetland & Waterway Consulting LLC in October 2019, which included NRCS hydric soils map, Wisconsin Wetland Inventory map, USGS topographic map, historical aerial photos, and ground level photos. These wetlands do not border, are not neighboring to or contiguous with another water of the US. They are not separated from another water of the US by man-made barriers, dikes or berms. Due to existing and surrounding land use (agricultural and commercial development) and proximity to other waters, there are no ecological connections to other wetlands or waters. These aquatic resources do not support a link to interstate or foreign commerce; are not known to be used by interstate or foreign travelers for recreation or other purposes; do not produce fish or shellfish that could be taken and sold in interstate or foreign commerce; and are not known to be used for industrial purposes by industries in interstate commerce. Therefore, the Corps has determined that wetlands A, B, and C are not regulated by the Corps under Section 404 of the Clean Water Act.

The ditch (wetland D) was constructed in upland incidental to building foundation construction, and does not carry perennial flow. In accordance with the preamble to the 1986 Corps Regulations (33 CFR Parts

¹ Supporting documentation is presented in Section III.F.

320-330), the Corps does not generally consider the following waters to be waters of the United States; non-tidal drainage ditches excavated on dry land. Further clarification is provided in the December 2, 2008 Revised Guidance on Clean Water Act Jurisdiction following the Supreme Court Decision in Rapanos v. U.S. and Carabell v. U.S. issued jointly by the Corps and EPA which indicates that ditches excavated wholly in and draining only uplands and do not carry a relatively permanent flow are not waters of the United States

SECTION III: CWA ANALYSIS

- A. TNWs AND WETLANDS ADJACENT TO TNWs: N/A
- B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY): N/A
- C. SIGNIFICANT NEXUS DETERMINATION: N/A
- D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY): N/A
- 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): N/A

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: 1.04 acres.

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: **Wetland & Waterway Consulting delineation report, October 2019**
- 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:
 - USGS NHD data.
 - USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name:
- USDA Natural Resources Conservation Service Soil Survey. Citation: **Racine County**
- National wetlands inventory map(s). Cite name:
- State/Local wetland inventory map(s): **Wisconsin Wetland Inventory**
- FEMA/FIRM maps:

- 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
- Photographs: Aerial (Name & Date): Aerial images from May 2019 delineation report (2000, 2005, 2010, 2015) and Google Earth photos (2000-2018)
or Other (Name & Date): ground level site photos from October 2019 delineation report
- Previous determination(s). File no. and date of response letter:
- Applicable/supporting case law:
- Applicable/supporting scientific literature:
- Other information (please specify): DNR Surface Water Data Viewer topographic map

B. ADDITIONAL COMMENTS TO SUPPORT JD: