

**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):** May 16, 2022

**B. ST PAUL, MN DISTRICT OFFICE, FILE NAME, AND NUMBER:** 2022-00451-MMG

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

State: WI County/parish/borough: Racine City: Caledonia

Center coordinates of site (lat/long in degree decimal format): Lat. 42.775563° N, Long. -87.948496° E. Universal

Transverse Mercator: Zone 16

Name of nearest waterbody: Tributary to East Branch Root River Canal

Name of watershed or Hydrologic Unit Code (HUC): 0404000202

☒ 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: April 12, 2022

☐ 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):<sup>1</sup>**

☒ Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain:

The review area contains intrastate wetlands (W-1, W-2, W-3, W-4 and W-5) that according to the Badger Farm Wetland Delineation Report dated December 18, 2020 by Heartland Ecological Group Inc. are isolated wetland basins.

These wetlands are surrounded by uplands and do not have a direct hydrologic surface connection to downstream waters. This was confirmed by reviewing the supporting information in IV(A) below. The nearest waterway is a unnamed intermittent tributary to East Branch Root River Canal approximately 0.2-0.5 miles to the southwest. The WWI map closely matches the delineated boundary of W-1, W-2, W-3 and W-4 with surrounding uplands but does not include W-5. Each wetland basin is entirely within the review area. Aerial imagery shows each of the wetland areas to be surrounded by an upland farm field with no wetland hydrology or vegetation signatures connecting the wetlands to downstream jurisdictional waters. They are not separated from other WOUS by man-made dikes, barriers, or berms. There is a culvert that connects W-1 and W-2 but no other outlets associated with either of those basins. A culvert under CTH K connects W-3 to another isolated wetland basin (based on resources identified in IV(A) below) and a culvert under the NE Frontage Road connects W-4 to an upland constructed linear ditch associated with the frontage road. Aerial imagery from 2011 and 2014 shows the before and after of the frontage road and ditch construction and Google Earth streetview indicates there is no surface water connection to a downstream water; further, the 2 foot contours and LiDAR shows drainage entering into W-4 through the culvert. The surrounding landuse is a mixture of residential development, commercial development and agriculture. The CTH K and I-94 interchange along with the agricultural and mixed use development disturbance surrounding these wetlands precludes an ecological connection to a WOUS.

<sup>1</sup> Supporting documentation is presented in Section III.F.

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; does not produce fish or shellfish that could taken and sold in interstate or foreign commerce; is not known to be used for industrial purposes by industries in interstate commerce. Therefore, the Corps has determined that W-1, 2, 3, 4 and 5 as shown of attached figures, are not regulated by the Corps under Section 404 of the Clean Water Act.

### 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: W-1 is 0.4, W-2 is 0.34, W-3 is 0.06, W-4 is 0.29 and W-5 is 0.18 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: Badger Farm Wetland Delineation Report dated December 18, 2020 by Heartland Ecological Group Inc.
- ☐ 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: USGS Topographic Quads (USA Topo Maps)
- ☒ 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 Geodetic Vertical Datum of 1929)

- ☒ Photographs: ☒ Aerial (Name & Date): Aerial Imagery in delineation report (1990-2020); Google Earth  
or ☒ Other (Name & Date): Ground level photos in delineation report
- ☐ Previous determination(s). File no. and date of response letter:
- ☐ Applicable/supporting case law:
- ☐ Applicable/supporting scientific literature:
- ☒ Other information (please specify): 2-foot contours, LiDAR DEM

**B. ADDITIONAL COMMENTS TO SUPPORT JD:**