

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): June 1, 2020

B. ST PAUL, MN DISTRICT OFFICE, FILE NAME, AND NUMBER: Gateway Business Park, MVP-2020-00705-MHK

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: WI County/parish/borough: Rock City: Beloit

Center coordinates of site (lat/long in degree decimal format): Lat. 42.504641° N, Long. -88.981018° W.

Universal Transverse Mercator: Zone 16 (X 337236.579038, Y 4707709.908023)

Name of nearest waterbody: Spring Brook

Name of watershed or Hydrologic Unit Code (HUC): 07090002

☒ 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: June 1, 2020

☐ 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 2 linear ditches (Wetland 1 - 0.44 acre in size, Wetland 2 - 1.38 acre in size) and 1 stormwater detention pond (Wetland 3 - 1.05 acre in size).**

A 2019 Heartland Ecological Group Wetland Delineation Report with a NRCS soil survey, USGS topographic map, National Hydrography Dataset, Wisconsin Wetland Inventory, Rock County GIS 2-foot contour map and ground level photos, and a review of aerial photos from 1937 to 2018 indicate that all three aquatic resources were constructed in upland. While portions of the review area displayed some darker tones in some of the aerial photos, there did not appear to be areas of prolonged saturation or inundation present.

Linear ditches W-1 and W-2 were constructed wholly in uplands and drain only uplands. These ditches do not have relatively permanent flow and are not waters of the U.S. The determination of no jurisdiction for the ditches is in accordance with the preamble to the 1986 Corps Regulations (33 CFR Parts 320-330) and the 2008 Rapanos Guidance.

The non-jurisdictional determination for the W-3 stormwater detention basin is in accordance with the preamble to the 1986 Corps Regulations (33 CFR Parts 320-330), which states that the Corps does not generally consider the following to be waters of the U.S.; artificial lakes or ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins or rice growing.

SECTION III: CWA ANALYSIS

¹ Supporting documentation is presented in Section III.F.

- 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): **See Section II.B.2.**

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: 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: **2019 Heartland Ecological Group Gateway Business Park Wetland Delineation Report**
- ☒ 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: **1:24K WI-Shopiere**
- ☒ USDA Natural Resources Conservation Service Soil Survey. Citation: **Rock**
- ☒ National wetlands inventory map(s). Cite name:
- ☒ State/Local wetland inventory map(s): **Wisconsin Wetland Inventory (Wisconsin DNR Surface Water Data Viewer)**
- ☒ FEMA/FIRM maps:
 - ☐ 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
- ☒ Photographs: ☒ Aerial (Name & Date): **Rock County GIS/FSA/NAIP 1937, 1979-83, 1985-2002, 2004-2006, 2008, 2010, 2013, 2015, 2017-2018; Google Earth street view**
 - or ☒ Other (Name & Date): **ground level photos in 2019 Heartland report**
- ☐ Previous determination(s). File no. and date of response letter:
- ☐ Applicable/supporting case law:

☐ Applicable/supporting scientific literature:

☒ Other information (please specify): Rock County GIS 2-foot contour map in delineation report

B. ADDITIONAL COMMENTS TO SUPPORT JD: