SECTION I: BACKGROUND INFORMATION
A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): November 6, 2017

B. ST PAUL, MN DISTRICT OFFICE, FILE NAME, AND NUMBER: MVP-2017-01810-TJH

C. PROJECT LOCATION AND BACKGROUND INFORMATION:
State: Minnesota
County/parish/borough: Chisago
City: Sunrise Township
Center coordinates of site (lat/long in degree decimal format): Lat. 45.47251° N, Long. -92.89286° W
Universal Transverse Mercator: 15
Name of nearest waterbody: Sunrise River
Name of watershed or Hydrologic Unit Code (HUC): 07030005
☐ 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 25, 2017
☐ 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.

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 Other: (explain, if not covered above):

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: Westwood Wetland Determination Report: Norelius Community Solar Garden (June 8, 2017)
☒ 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 MN-STACY
USDA Natural Resources Conservation Service Soil Survey. Citation: Chisago County Soil Survey
National wetlands inventory map(s). Cite name: USFWS NWI & MnDNR NWI
State/Local wetland inventory map(s):
FEMA/FIRM maps:
100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
or Other (Name & Date):
Previous determination(s). File no. and date of response letter:
Applicable/supporting case law:
Applicable/supporting scientific literature:
Other information (please specify): Chisago County LiDAR data

B. ADDITIONAL COMMENTS TO SUPPORT JD: The review area identified on the enclosed figures labeled MVP-2017-01810-TJH Pages 1-3 of 3 is upland and does not contain any wetlands or waters of the U.S. (WOUS). The USDA NCSS SSURGO and STATSGO digital soil maps show the project area mapped as Kost loamy fine sand, which is described as excessively drained. The area has not met the three parameters required to be classified as a wetland, contains no aquatic resources and no WOUS.
Norelius Community Solar Garden
Sunrise Township, Chisago County, Minnesota
Soils

Legend

Project Premises Boundary
Project Parcel Boundary
Soil Unit Boundary
All Hydric/Predominantly Hydric Soil

Unified Soil Classification System | USDA Map Unit Symbol | USDA Map Unit Name | Hydric Soils Classification

N/A | 162 | Lino loamy fine sand | 3% Hydric
N/A | 676B | Kost loamy fine sand, 1 to 6 percent slopes | 8% Hydric

Data Sources:
Westwood (2017); Minnesota NAIP Imagery (Accessed 2017); Census Bureau (2016); U.S. Department of Agriculture, Natural Resources Conservation Service (2016).