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DRY LAND APPROVED JURISDICTIONAL DETERMINATION FORM¹
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 28, 2022

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: CEMVR-RD-2021-1379: Sylvia Nelson

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Iowa County/parish/borough: Buena Vista City: Newell
Center coordinates of site (lat/long in degree decimal format): Lat. 42.5833 °, Long. -95.0657 °
Universal Transverse Mercator: 15
Name of nearest waterbody: Unnamed tributary to the North Raccoon River
Name of watershed or Hydrologic Unit Code (HUC): 0710000603

- ☒ Check if map/diagram of review area is 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: January 28, 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.

SECTION III: 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: NRCS
☐ 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:
☒ 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: Google Earth
☒ USDA Natural Resources Conservation Service Soil Survey. Citation: Google Earth
☒ National wetlands inventory map(s). Google Earth
☐ State/Local wetland inventory map(s):
☐ FEMA/FIRM maps:
☐ 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
☒ Photographs: ☒ Aerial (Name & Date): Google Earth
☐ or ☒ Other (Name & Date): Site photos
☐ Previous determination(s). File no. and date of response letter:
☐ Applicable/supporting case law:
☐ Applicable/supporting scientific literature:
☐ Other information (please specify): P

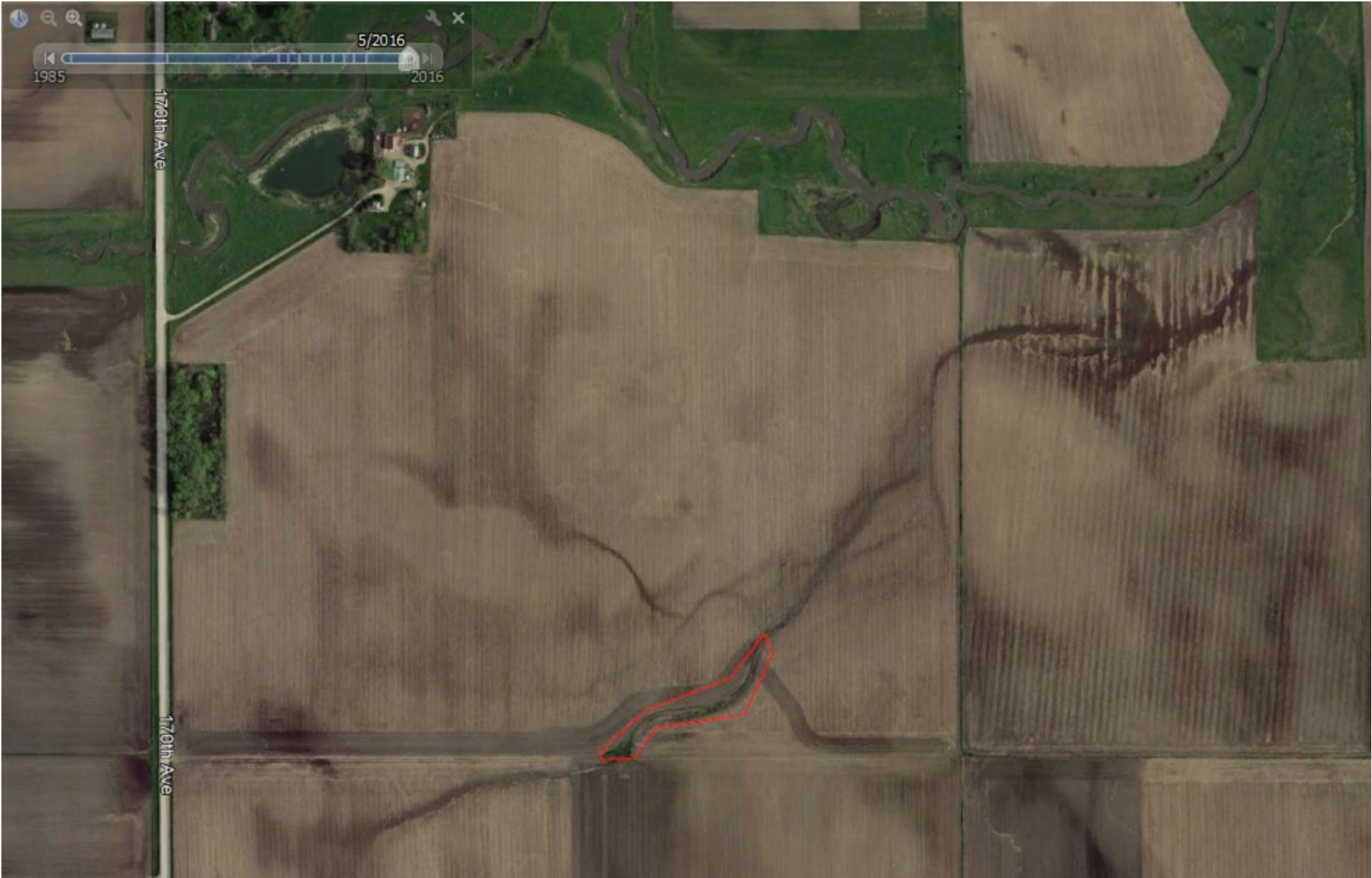
B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND: There are no aquatic resources in the project review area.

¹ This form is for use only in recording approved JDs involving dry land. It extracts the relevant elements of the longer approved JD form in use since 2007 for aquatic areas and adds no new fields.

2021-1379: Sylvia Nelson

2) Approximately 100 ft. north of south fence line, looking upstream.













Map Unit Composition

Map units consist of 1 or more soil types, commonly referred to as "components".

Component Name	Geomorphic Position	Area Fraction	Component Type	Horizon Data
Soil Type 1 Talcot	stream terraces	90%	Major Soil Type	YES
Soil Type 2 Biscay	stream terraces	5%	Inclusion	YES
Soil Type 3 Okoboiji	ground moraines / Toeslope	5%	Inclusion	YES

Note: links to horizon data marked with an * are approximate.

Map Unit Data [What is a Map Unit?](#)

Cartographic information about this map unit.

Map Unit Name:	Talcot clay loam, deep, 0 to 2 percent slopes
Map Unit Type:	Consociation
Map Unit Symbol:	559
Map Unit Area:	2681 acres total in survey area
	Raw Map Unit Data
	Raw Component Data (All Components)

Map Unit Aggregated Data

Generalized soils information within this map unit.

Farmland Class:	Prime farmland if drained
Available Water Storage (0-100cm):	18.89 cm
Max Flood Freq:	None
Drainage Class (Dominant Condition):	Poorly drained
Drainage Class (Wettest Component):	Poorly drained
Hydric Conditions:	100
[Annual] Min. Water Table Depth:	0 cm
[April-June] Min. Water Table Depth:	0 cm
Min Bedrock Depth:	n/a
	Raw Aggregated Map Unit Data

Hydric soils

[Consider using the current interface to submit](#)

Map Unit Composition

Map units consist of 1 or more soil types, commonly referred to as "components".

Component Name	Geomorphic Position	Area Fraction	Component Type	Horizon Data
Soil Type 1 Webster	ground moraines	85%	Major Soil Type	YES
Soil Type 2 Nicolle	ground moraines	5%	Inclusion	YES
Soil Type 3 Okoboji	depressions	5%	Inclusion	YES
Soil Type 4 Glencoe	depressions	3%	Inclusion	YES
Soil Type 5 Canisteo	ground moraines	2%	Inclusion	YES

Note: links to horizon data marked with an * are approximate.

Map Unit Data [What is a Map Unit?](#)

Cartographic information about this map unit.

Map Unit Name:	Webster clay loam, 0 to 2 percent slopes
Map Unit Type:	Consociation
Map Unit Symbol:	107
Map Unit Area:	29345 acres total in survey area
	Raw Map Unit Data
	Raw Component Data (All Components)

Map Unit Aggregated Data

Generalized soils information within this map unit.

Farmland Class:	Prime farmland if drained
Available Water Storage (0-100cm):	17.73 cm
Max Flood Freq:	None
Drainage Class (Dominant Condition):	Poorly drained
Drainage Class (Wettest Component):	Poorly drained
Hydric Conditions:	95
[Annual] Min. Water Table Depth:	0 cm
[April-June] Min. Water Table Depth:	0 cm
Min Bedrock Depth:	n/a
	Raw Aggregated Map Unit Data

Associated Point Data

Links to associated point data within this map unit.