U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE

I. ADMINISTRATIVE INFORMATION

Completion Date of Approved Jurisdictional Determination (AJD): 18-FEB-2021
ORM Number: MVR-2020-01758-KB
Associated JDs: N/A
Review Area Location[1]:
State/Territory: IA City: County/Parish/Borough: Monona County
Center Coordinates of Review Area: Latitude 42.029349 Longitude -96.154192

II. FINDINGS

A. Summary: Check all that apply. At least one box from the following list MUST be selected. Complete the corresponding sections/tables and summarize data sources.

- ☒ The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: N/A or describe rationale.
- ☐ There are "navigable waters of the United States" within Rivers and Harbors Act jurisdiction within the review area (complete table in section II.B).
- ☐ There are "waters of the United States" within Clean Water Act jurisdiction within the review area (complete appropriate tables in section II.C).
- ☐ There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in section II.D).

B. Rivers and Harbors Act of 1899 Section 10 (§ 10)[2]

§ 10 Name	§ 10 Size	§ 10 Criteria	Rationale for § 10 Determination
N/A	N/A	N/A	N/A

C. Clean Water Act Section 404

Territorial Seas and Traditional Navigable Waters ((a)(1) waters)[3]

(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) Determination
N/A	N/A	N/A	N/A

Tributaries ((a)(2) waters):

(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination
N/A	N/A	N/A	N/A

Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):

(a)(3) Name	(a)(3) Size	(a)(3) Criteria	Rationale for (a)(3) Determination
N/A	N/A	N/A	N/A

Adjacent wetlands ((a)(4) waters):

(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
N/A	N/A	N/A	N/A

[1] Map(s)/Figure(s) are attached to the AJD provided to the requestor.
[2] If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.
[3] A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where independent upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD form.
[4] Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps Districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.
[5] Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))[4]:

Exclusion Name	Exclusion Size	Exclusion[5]	Rationale for Exclusion Determination
N/A	N/A	N/A	N/A

III. SUPPORTING INFORMATION

A. Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

_X_ Information submitted by, or on behalf of, the applicant/consultant: *Sundquist Engineering*
This information *is* sufficient for purposes of this AJD.
Rationale: *N/A*
___ Data sheets prepared by the Corps: *N/A*
_X_ Photographs: *aerial.*
___ Corps Site visit(s) conducted on: *Date(s).*
___ Previous Jurisdictional Determinations (AJDs or PJDs): *N/A*
___ Antecedent Precipitation Tool: *provide detailed discussion in Section III.B.*
_X_ USDA NRCS Soil Survey: *Google Earth overlay.*
_X_ USFWS NWI maps: Google Earth overlay.
_X_ USGS topographic maps: *Google Earth overlay.*

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	N/A.
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	N/A.
State/Local/Tribal Sources	N/A.
Other Sources	RegViewer and LiDAR

B. Typical year assessment(s): N/A.

C. Additional comments to support AJD: After a desktop aerial review and the supporting information in Section III.A. the Corps has determined the project area is an upland, see attachments.

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Parcel Number: 834601350001
Owner1: DRIVER,RICHARD V
Owner1 Address: 22789 DOGWOOD LOOP
ONAWA IA 51040
Legal Description: 01-83-46 PT W 1/2 SW 1/4
PT GOVERNMENT LOT 1
Deeded Book: 116
Deeded Page: 116
Deeded Date: 01/17/2000 0:00
Full Land Value: 19834
Full Building Value: 0
Full Dwelling Value: 0
Full Total Value: 19834
Net Acreage: 18.04
Adjusted CSR: 726.52
Property Class: A
Homestead: 0
Military: 0
Disticts And Levy Rates: FRWM - FRANKLIN WM, 0.0000000000
Sec Twp Range: 01 83 46

subdivision Location

CEMVR-RD-2020-1758: Brett Ewing Subdivision @ 42.0295 -96.1542

USGS Soil layer on Google Earth

Excessively drained soils. Non-hydric soils. Hydric Conditions of 0.

Entire subdivision proposal is located in uplands.

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 **Sarpy**	flood plains / Toeslope	100%	Major Soil Type	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:	Sarpy loamy fine sand, 0 to 2 percent slopes, rarely flooded
Map Unit Type:	Consociation
Map Unit Symbol:	237
Map Unit Area:	1019 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:	Farmland of statewide importance
Available Water Storage (0-100cm):	7 cm
Max Flood Freq:	Rare
Drainage Class (Dominant Condition):	Excessively drained
Drainage Class (Wettest Component):	Excessively drained
Hydric Conditions:	0
[Annual] Min. Water Table Depth:	n/a
[April-June] Min. Water Table Depth:	n/a
Min Bedrock Depth:	n/a

Raw Aggregated Map Unit Data

Non-hydric soils

This interface to SoilWeb is now deprecated.
Consider using the current interface to SoilWeb

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 **Percival**	flood plains / Toeslope	100%	Major Soil Type	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:	Percival silty clay, 0 to 2 percent slopes, rarely flooded
Map Unit Type:	Consociation
Map Unit Symbol:	515
Map Unit Area:	1969 acres total in survey area

Raw Map Unit Data

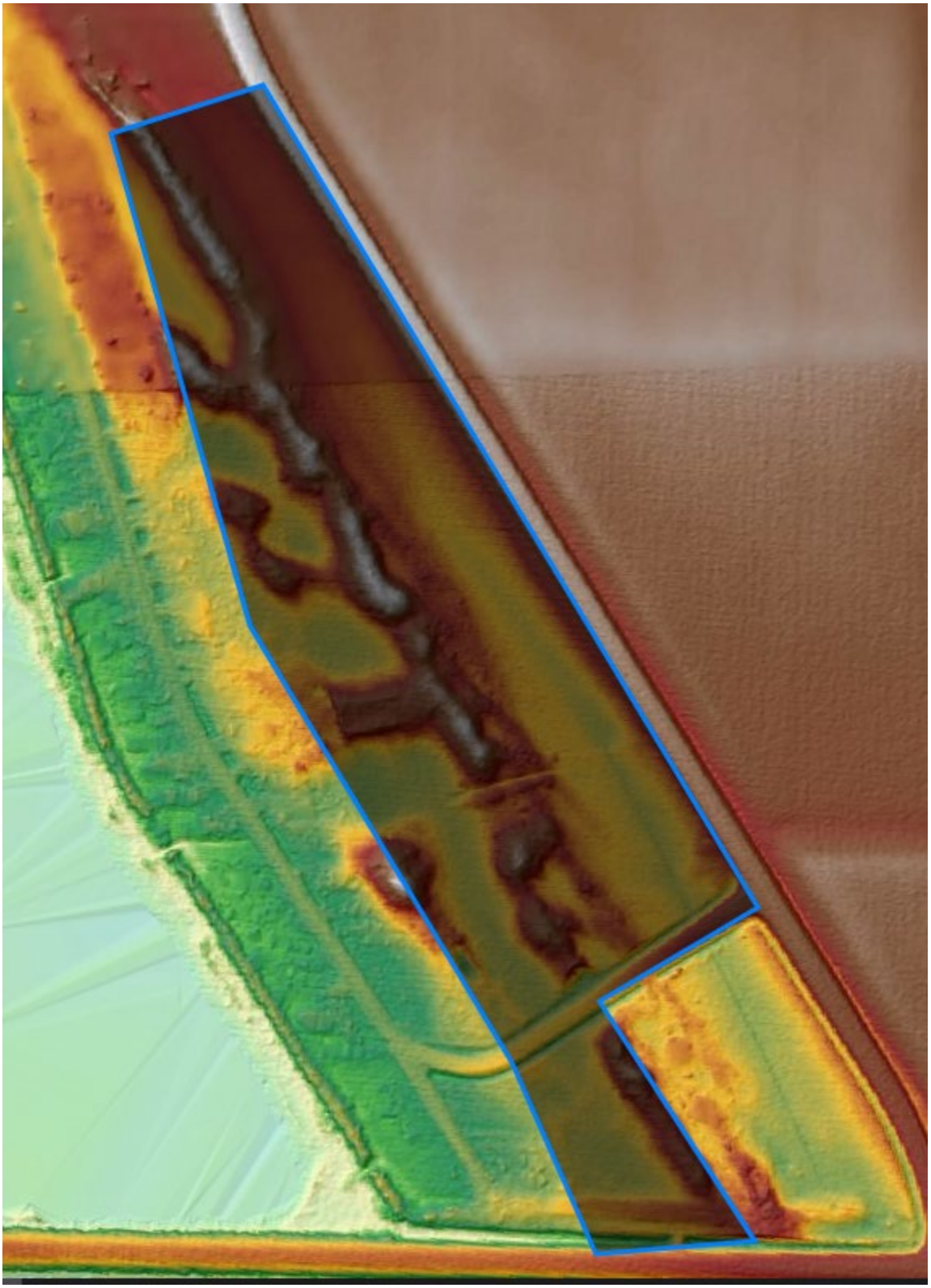
Raw Component Data (All Components)

Map Unit Aggregated Data

Generalized soils information within this map unit.

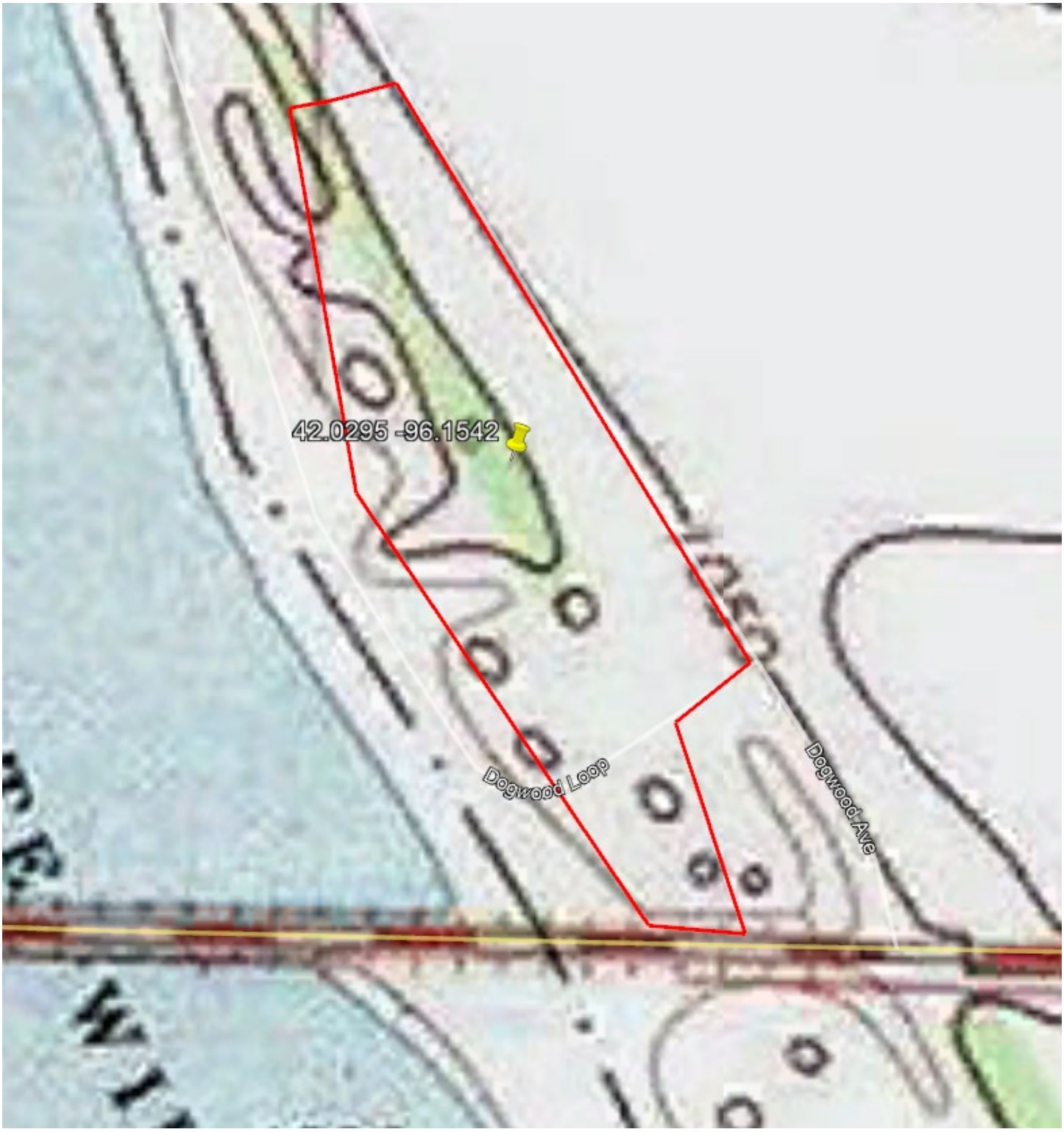
Farmland Class:	All areas are prime farmland
Available Water Storage (0-100cm):	7.64 cm
Max Flood Freq:	Rare
Drainage Class (Dominant Condition):	Somewhat poorly drained
Drainage Class (Wettest Component):	Somewhat poorly drained
Hydric Conditions:	0
[Annual] Min. Water Table Depth:	30 cm
[April-June] Min. Water Table Depth:	30 cm

Non-hydric soils



LiDAR on RegViewer

USFWS overlay on Google Earth



USGS Topo overlay on Google Earth