



HIGHLY ERODIBLE LAND AND WETLAND CONSERVATION DETERMINATION

Name Address:	Owner: Koch Family Farm LLC Operator: James Koch 7260 Madigan Rd Deforest, WI 53532	Request Date: 6/27/2019	County: Dane
Agency or Person Requesting Determination:	FSA	Tract No: 12854	FSA Farm No.: 19554

Section I - Highly Erodible Land

Is a soil survey now available for making a highly erodible land determination?	
Are there highly erodible soil map units on this farm?	

Fields in this section have undergone a determination of whether they are highly erodible land (HEL) or not; fields for which an HEL Determination has not been completed are not listed. In order to be eligible for USDA benefits, a person must be using an approved conservation system on all HEL.

Field(s)	HEL(Y/N)	Sodbust (Y/N)	Acres	Determination Date
1-4	No	No	163.2	7/24/2019

The Highly Erodible Land determination was completed in the office.

Section II - Wetlands

Fields in this section have had wetland determinations completed. See the Definition of Wetland Label Codes for additional information regarding allowable activities under the wetland conservation provisions of the Food Security Act and/or when wetland determinations are necessary to determine USDA program eligibility.

Field(s)	Wetland Label*	Occurrence Year (CW)	Acres	Determination Date	Certification Date
1, 2, 4, 15	PC/NW		84.5	7/24/2019	8/26/2019

The wetland determination was completed in the office. It was mailed to the person on 7/24/2019

Remarks: This is a partial tract certified wetland determination on FSN 19554, T12854. Wetland determination completed per request. Fields 1-4 are non-highly erodible (NHEL). If you plan on ditching, tiling, or any other manipulation you must fill out another request with the Farm Service Agency.

I certify that the above determinations are correct and were conducted in accordance with policies and procedures contained in the National Food Security Act Manual.

Signature Designated Conservationist	Date
	7/24/19

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July 24, 2019

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Owner: Koch Family Farm LLC
Operator: James Koch
7260 Madigan Rd
Deforest, WI 53532

Dear James:

The Natural Resources Conservation Service (NRCS) is issuing a **preliminary certified wetland determination** and **highly erodible land determination** on property you own or operate, further described as Farm 19554, Tract 12854, located in Sections 20, & 21, T9N, R9E in Dane County Wisconsin. This is in response to questions you answered via form **AD-1026, Highly Erodible Land Conservation (HELCS) and Wetland Conservation (WC) Certification**, initiated with the Farm Service Agency.

WETLAND DETERMINATION

This **preliminary technical determination** was conducted by the NRCS on 7/24/2019. Please refer to the attached NRCS-CPA-026e Form, Definitions of Wetland Labels page, and the Certified Wetland determination Map for more details regarding location, wetland designations, or exemptions, allowable uses and authorized maintenance pertaining to each area that is determined to be a wetland.

This Certified Wetland Determination/Delineation has been conducted for the purpose of implementing the WC provisions of the Food Security Act of 1985, as amended only. This determination/delineation may not be valid for identifying the extent of the U.S. Army Corps of Engineer (USACE) Clean Water Act jurisdiction for this site. If you intend to conduct any activity that constitutes a discharge of dredged or fill material into wetlands or other waters, you should request a jurisdictional determination from the local office of the USACE prior to starting the work. Manipulation of any wetland, stream channel, shoreland, or floodplain area may require USACE, WI Department of Natural Resources and/or county zoning permits.

If an area is identified as a Wetland, it is for the following reasons:

Presence of Hydrophytic Vegetation:

Hydrophytic vegetation means plants growing in water or in a substrate that is at least periodically deficient in oxygen during a growing season as a result of excessive water content (16 U.S.C. §3801(a)(12)).

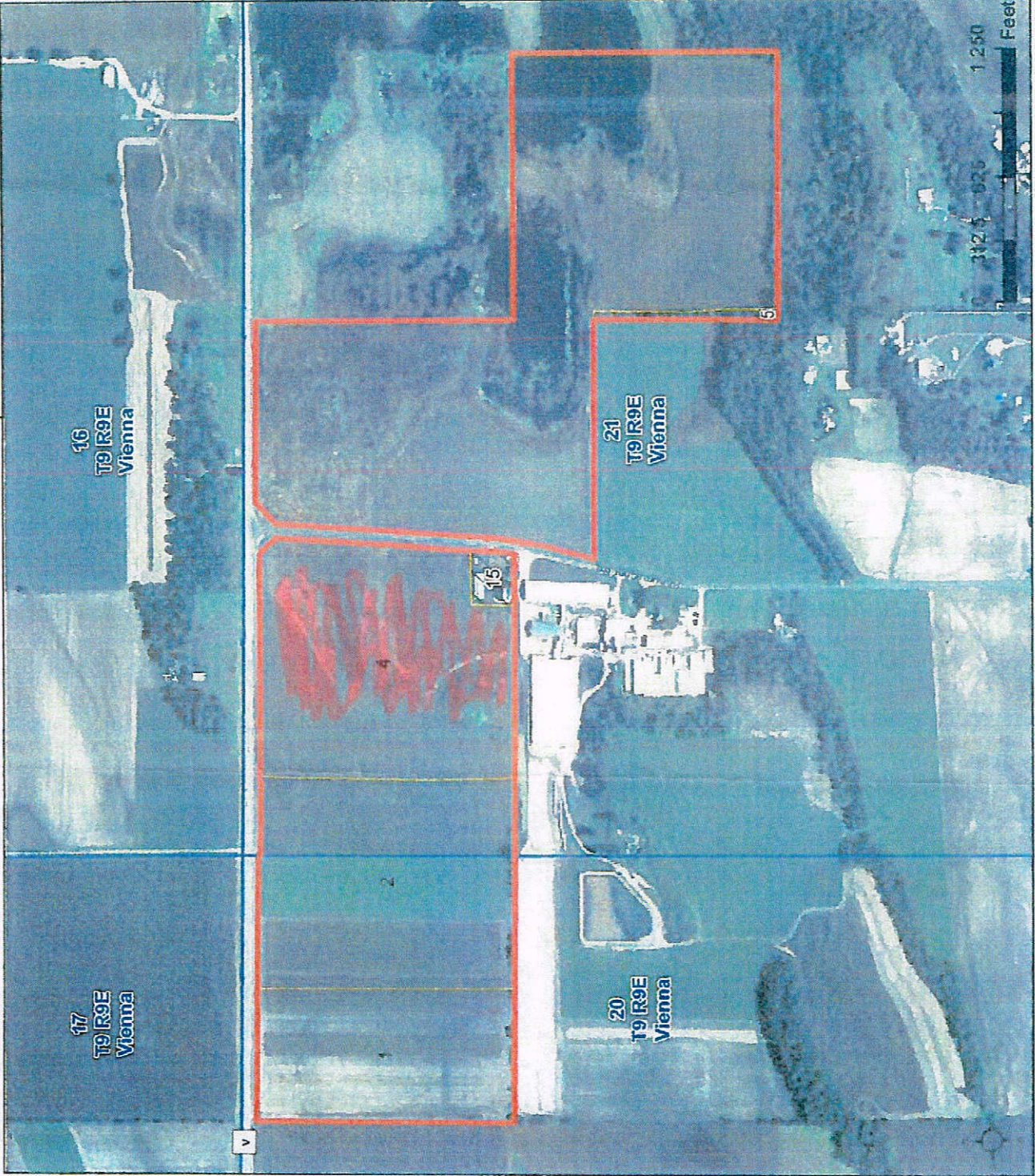
Presence of Hydric Soils:

Hydric soil means soil that, in its undrained condition, is saturated, flooded, or ponded long enough during a growing season to develop an anaerobic condition that supports the growth and regeneration of hydrophytic vegetation (16 U.S.C. §3801(a)(13)).

Presence of Wetland Hydrology:

CLU/Acres	HEL	Crop
1	19.66	UHEL
2	31.01	UHEL
3	80.09	UHEL
4	32.5	UHEL
5	10.97	UHEL NC
15	1.34	UHEL NC

Page Cropland Total: 163.26-acre



Map Created May 22, 2019

Common Land Unit

- Cropland
- Non-Cropland
- Tract Boundary
- PLSS

NAP Imagery 2018

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

USDA FSA maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership, rather, it depicts the information provided directly from the producer and/or the NAP Imagery. The producer accepts the data "as is" and assumes all risks associated with its use. The USDA Farm Service Agency assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact NRCS.



United States
Department of
Agriculture

Certified Determination Map

Farm: 19554

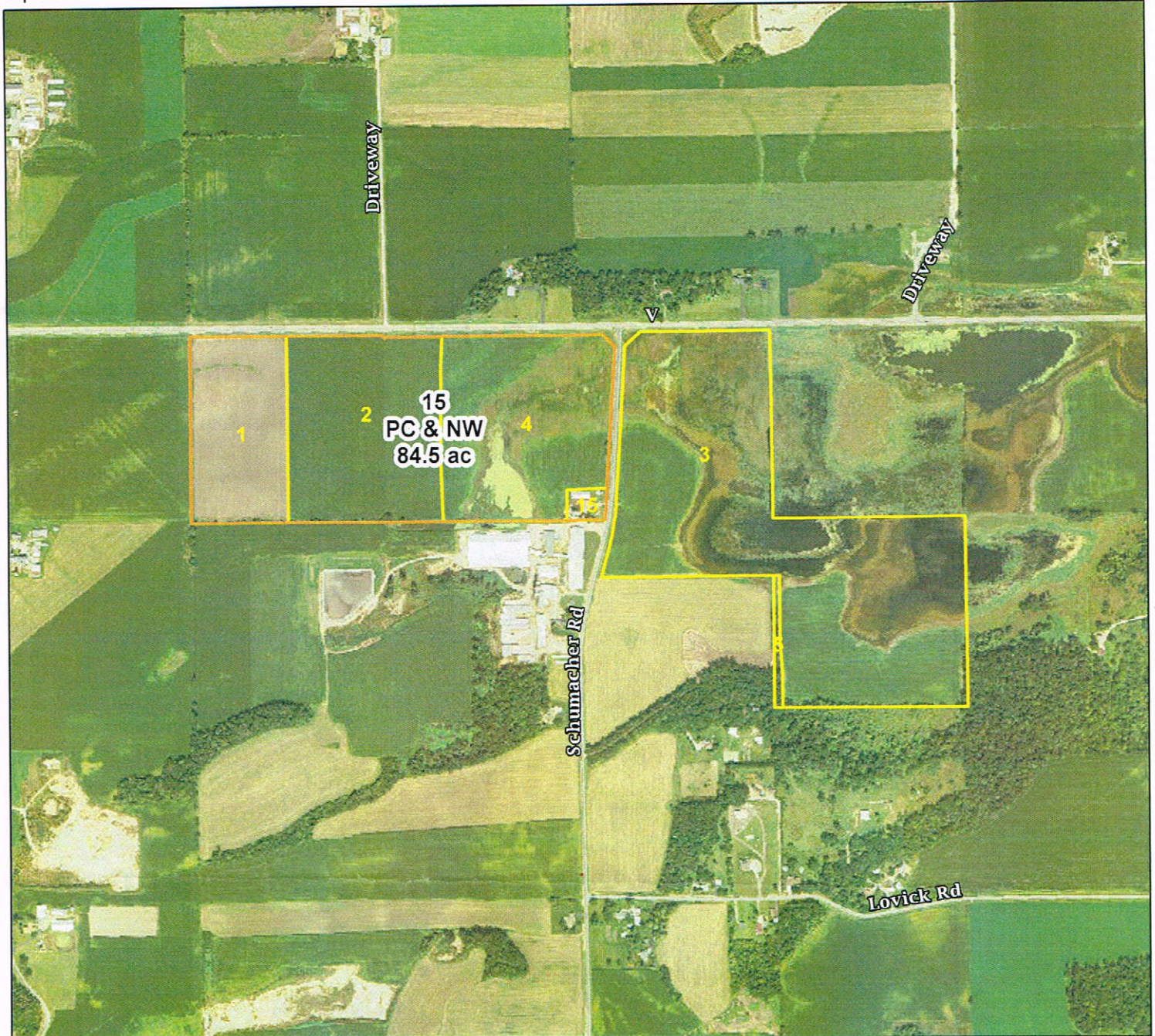
Tract: 12854

Owner: Koch Family Farm LLC

Geographic County: Dane, WI

Operator: James Koch T9N R9E S20,21

FSA Admin County: Dane, WI

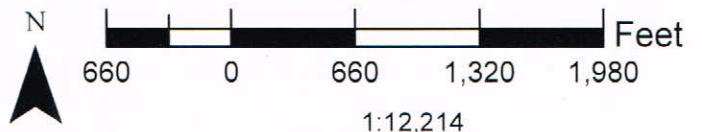


Base Map Image: 2017 NAIP
Map Prepared By: Carol Miller
Map Production Date: 7/22/2019

- Preliminary Technical Determination
- Tracts and Fields

This map is the official Determination Map for the current request. It is the responsibility of all program participants to not convert obvious wetlands regardless of map interpretation. Only newly completed request areas are shown on this map with a Food Security Act label.

Note: Acres shown on this map may not match official FSA CLU acres due to differences in rounding or the scale at which the work was completed. Previously certified areas retain their labels and status but are not shown on this map.





United States
Department of
Agriculture

All WC Determinations Map

Farm: 19554

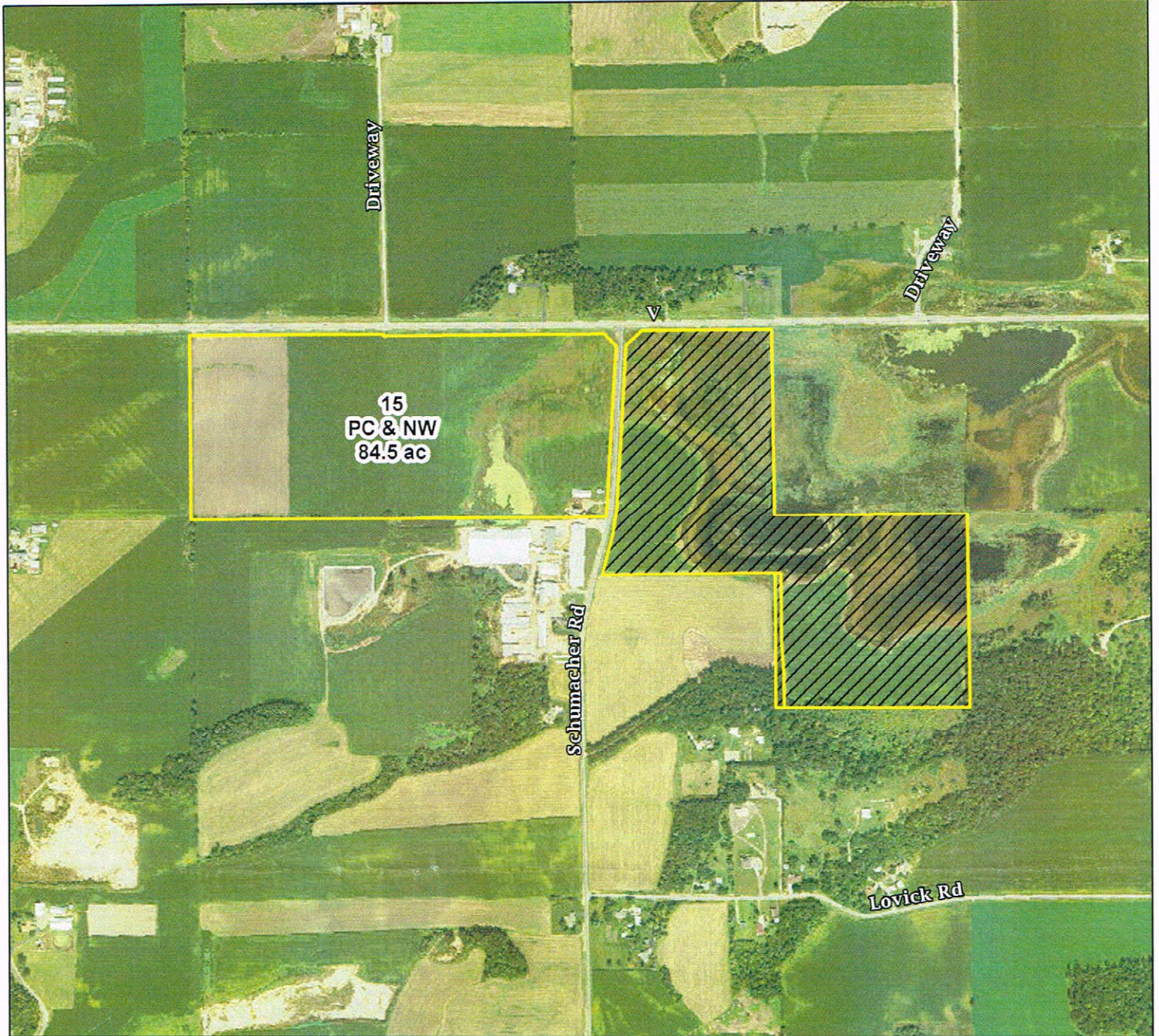
Tract: 12854

Owner: Koch Family Farm LLC

Geographic County: Dane, WI



Operator: James Koch T9N R9E S20,21

FSA Admin County: Dane, WI



Base Map Image: 2017 NAIP
Map Prepared By: Carol Miller
Map Production Date: 7/22/2019

This map shows all completed WC determinations for the site. It is the responsibility of all program participants to not convert obvious wetlands regardless of map interpretation. Newly completed and previously certified areas are shown on this map. Other areas are marked as, "Not Evaluated."

-  Technical Determination Extents
-  Not Evaluated

Note: Acres shown on this map may not match official FSA CLU acres due to differences in rounding or the scale at which the work was completed. Previously certified areas retain their labels and certified status.



1:12,214

*DEFINITIONS OF WETLAND LABELS

AW	<u>Artificial Wetland</u> : An area that was formerly a non-wetland area under natural conditions but now exhibits wetland characteristics because of the influence of human activities. These areas are exempt from the Food Security Act of 1985, as amended. This label includes irrigation induced wetlands.
CC	<u>Commenced Conversion</u> : A wetland, farmed wetland, farmed wetland pasture, or converted wetland on which the conversion began but was not completed before December 23, 1985, was approved by FSA to continue, and the conversion was completed by January 1, 1995.
CPD	<u>COE Permit with Mitigation</u> : A converted wetland authorized by a permit issued under Section 404 of the Clean Water Act. Production of agricultural commodities is allowed subject to conditions of the permit.
CMW	<u>Categorical Minimal Effect</u> : A wetland that meets specific categories of conversion activities that have been determined by NRCS to have minimal effect, individually and cumulatively, on the functions and values of the wetland and the wetlands in the watershed.
CW	<u>Converted Wetland</u> : A wetland converted between December 23, 1985, and November 28, 1990. Production of an agricultural commodity or additional manipulation of these areas will yield USDA benefit ineligibility. Also, these areas are wetlands converted after December 23, 1985, by a county, drainage district, or similar entity. For these instances, production of an agricultural commodity or forage for mechanical harvest or additional manipulation will cause ineligibility for USDA program benefits.
CW+year	<u>Converted Wetland + (year the conversion occurred)</u> : A wetland converted after November 28, 1990, where the USDA program participant is ineligible for benefits until the wetland is restored or mitigated unless an exemption applies.
CWNA	<u>Converted Wetland Non-Agricultural Use</u> : A wetland converted after November 28, 1990, to a use other than agricultural commodity production. Label not used for certified wetland determinations completed after 2/2008.
CWTE	<u>Converted Wetland Technical Error</u> : A wetland converted or commenced after December 23, 1985, based on an incorrect NRCS determination. This label does not apply to obvious wetlands as defined in the National Food Security Act Manual.
FW	<u>Farmed Wetland</u> : A wetland that was manipulated and planted before December 23, 1985, but still meets inundation or saturation criteria. These areas may be farmed and maintained as documented before December 23, 1985, as long as they are not abandoned (i.e., management or maintenance for commodity production ceased for 5 consecutive years).
FWP	<u>Farmed Wetland Pasture or Hayland</u> : A wetland that is used for pasture or haying, was manipulated and planted before December 23, 1985, but still meets the inundation or saturation criteria. These areas may be farmed and maintained as documented before December 23, 1985, as long as they are not abandoned (i.e., management or maintenance for commodity production ceased for 5 consecutive years).
MIW	<u>Mitigation Exemption</u> : A converted wetland, farmed wetland or farmed wetland pasture of which the acreage, functions and values lost have been compensated for through an NRCS-approved mitigation plan.
MW	<u>Minimal Effect Exemption</u> : A converted wetland that is exempt from the wetland conservation provisions of the Food Security Act of 1985, as amended, based on an NRCS determination that the conversion has or will have a minimal effect, individually and cumulatively, on the functions and values of the wetland and the wetlands in the watershed.
MWM	<u>Mitigation Site</u> : The site of wetland restoration, enhancement, or creation serving as mitigation for the mitigation exemption (MIW) site.
NI	<u>Not Inventoried</u> : An area where no wetland determination has been conducted. Label not used for certified wetland determinations completed after 2/2008.
NW	<u>Non-Wetland</u> : An area that does not contain a wetland. Also includes wetlands converted before December 23, 1985, but a commodity crop was not produced and the area does not meet wetland criteria (not been abandoned).
PC	<u>Prior-Converted Cropland</u> : A wetland converted to cropland before December 23, 1985, and as of December 23, 1985, was capable of being cropped and did not meet farmed wetland hydrology criteria. These areas are not subject to the wetland conservation provisions of the Food Security Act of 1985, as amended, unless further drainage manipulation affects adjacent wetlands.
PC/NW	<u>Prior Converted Cropland/Non-Wetland</u> : An area that contains both PC and NW.
TP	<u>Third-Party Exemption</u> : A wetland converted after December 23, 1985, by a third party who is not associated with the participant, and the conversion is not a result of a scheme or device. A third party does not include predecessors in interest on the tract, drainage districts, or other local government entities.
W	<u>Wetland</u> : An area meeting wetland criteria that was not converted after December 23, 1985. These areas include farmed wetlands and farmed wetland pasture that have been abandoned.
WX	<u>Manipulated Wetlands</u> : A wetland manipulated after December 23, 1985, but the manipulation was not for the purpose of making production possible and production was not made possible. These areas include wetlands manipulated by drainage maintenance agreements.

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U.S. Department of Agriculture
Natural Resources Conservation Service


Legend for FSA (Food Security Act of 1985) Plan Map

Wisconsin Job Sheet 138

Natural Resources Conservation Service (NRCS) Wisconsin

Field number.....②	(Farmed) Wetland Inclusion ... FWx or Wx*
Prior Converted Cropland PC	Artificial Wetland AW
Converted Wetland CW	Minimal Effect Wetland MW
Wetland W	Upland within wetland..... 
Farmed Wetland FW	CW for Non-Agricultural Purpose CWNA
Non Wetland NW	Not Inventoried NI
Highly Erodible Land HEL	Not Cropped NC
Non Highly Erodible Land NHEL	Un-numbered area UN

ADDITIONAL INFORMATION ABOUT FSA PLANNING SYMBOLS

- PC These fields may contain wetlands that were manipulated and cropped prior to December 23, 1985. PCs can be cropped and additional manipulation and maintenance of existing systems is allowed unless abandonment occurs. Note: Not all areas that were manipulated and cropped prior to 1985 are PC (see FW).
- W Cropping is allowed under natural conditions. No manipulations are allowed (draining, filling, clearing, etc.)
- CW A wetland converted between December 23, 1985, and November 28, 1990. Planting a commodity crop in this area will make you ineligible for many USDA programs. Wetlands converted after November 28, 1990 will cause immediate ineligibility for many USDA programs.
- FW A wetland that was manipulated and cropped prior to December 23, 1985, but is a pothole with wetland characteristics or a wetland that still floods or ponds seasonally and has not been abandoned. Maintenance of existing systems is allowed.
- AW Areas that were formerly non-wetlands or prior converted wetlands but now are wetlands because of human activity.
- MW Converted wetlands on which the production of a commodity crop would have a minimal effect on the hydrological and biological functions of the wetland.
- NI These areas may contain wetlands. Wetland determinations have not been completed at this time. Before manipulating any of these areas, contact NRCS to make specific wetland determinations.
-  These are upland areas surrounded by wetlands, or not inventoried areas.
- x* Areas with many small wetlands too numerous to map. (See comments for W and FW).
- CWNA Wetlands converted for non-agricultural purposes, such as tree planting or construction. Must be approved *before* conversion of wetland begins. This land cannot be cropped.
- HEL This indicates the field has 1/3 or more of its acres determined to be highly erodible or the field has 50 acres or more of highly erodible land.

Refer: National Map Symbol Handbook for additional symbols

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