January 2013

COUNTY OF KENOSHA
Department of Planning and Development

RECEIVED
JAN 18 2021
Kenosha County
Planning and Development

A MULTI-JURISDICTIONAL COMPREHENSIVE PLAN FOR KENOSHA COUNTY: 2035
MAP AMENDMENT APPLICATION

(a) Property Owner's Name:

Haskins LLC x _____
Signature

Mailing Address:

400 Boulder Ridge Ct

City: Lake Geneva State: WI Zip: 53147

Phone Number: 262-853-5576 E-mail (optional): mlarkin@keeferealestate.com

Note: If the property owner's signature cannot be obtained in the above space, a "letter of agent status" signed by the property owner must be submitted if you are an applicant (tenant, leaseholder, or authorized agent representing the legal owner) acting on their behalf.

Applicant's Name (if applicable):

Same x _____
Signature

Mailing Address:

_____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

(b) Existing planned land use category as shown on Map 65 of the Kenosha County comprehensive plan:

Suburban-Density Residential

(c) Proposed land use category (must be a land use category included in the legend for Map 65 of the Kenosha County comprehensive plan):

Commercial and "Suburban-Density Residential"

(d) Proposed use (a statement of intended use and/or the type, extent, area, etc. of any development project):

See enclosed narrative.

A portion of the property (enclosed legal description) to be change to Commercial Land Use and Rezoned to B-5 to be used for contractor's storage and shop.

(e) Compatibility with the Kenosha County comprehensive plan (address the following questions in detail):

(e-1) Is the proposed amendment consistent with the goals, objectives, policies, and programs of this plan? Explain:

Yes - See enclosed Narrative. Of the Fourteen Comprehensive Planning Goals, none are explicitly in non-compliance, but 9 are do specifically comply.

(e-2) Is the proposed amendment compatible with surrounding land uses? Explain its compatibility with both existing and planned land uses:

See enclosed narrative. The property to the west is Commercial, and is in harmony with surrounding existing zoning and existing Land Use designations.

(e-3) Will the proposed amendment have any detrimental environmental effects? Explain:

No. The amendment keeps existing structures and uses them logically and ideally. The remaining part of the property will stay in it's existing Land Use designation, and will comply with all local and state environmental requirements.

(e-4) Has a substantial public benefit been demonstrated by the proposed plan amendment? Explain:

Yes. See enclosed narrative. The existing structures will stay in place, will be used logically, are in harmony with surrounding properties, and will not impact public infrastructure. The remaining portions of the parcel will stay residential designations.

(e-5) Are public roads, services, and utilities available, or planned to be available in the near future, to serve the proposed development? Explain:

Yes. See enclosed Narrative. No impacts to existing infrastructure are expected with this amendment.

(e-6) Are existing or planned facilities and services adequate to serve the type of development associated with the amendment? Explain:

Yes. See enclosed narrative. The access and is the primary public infrastructure serving this property, and no impact is expected.

(e-7) Any additional data or information as requested by the Department of Planning and Development:

See enclosed narrative.

(f) Attach a legal description and provide the tax key number(s) below of property to be amended on the Kenosha County comprehensive plan:

Portion of Tax Key 95-4-219-314-0360. Legal description of the portion to be amended to Commercial is enclosed.

(g) Attach plot plan or survey plat of property to be amended on the comprehensive plan (showing location, dimensions, planned land use of adjacent properties, existing uses and buildings of adjacent properties—drawn to scale).

(h) The name of the County Supervisor of the district wherein the property is located:

Supervisory District Number: 22 County Board Supervisor: Erin Decker

(i) Attach a copy (original newspaper clipping or certified copy from the Town) of the notice of public hearing (per section 66.1001(4)(d) of Wisconsin State Statutes) that is published by your Town at least 30 days before the public hearing is held. Include the date of publication with the copy of the notice of public hearing.

Note: Your application will not be processed by Kenosha County until a copy of the notice of public hearing and town approval letter is received by the Kenosha County Department of Planning and Development.

(j) Attach a copy of the enacted town resolution and ordinance (per section 66.1001(4)(c) of Wisconsin State Statutes) adopting the amendment to the Kenosha County comprehensive plan map.

Note: Your application will not be processed by Kenosha County until a copy of the enacted town resolution and ordinance adopting the amendment is received by the Kenosha County Department of Planning and Development.

(k) The fee specified in Section 12.05-8 of this ordinance.
Request for Land Use Plan Map Amendment ..... $250.00 payable to "Kenosha County"

(For other fees see the Fee Schedule)

IMPORTANT TELEPHONE NUMBERS

Kenosha County Center
Department of Planning & Development
19600 - 75th Street, Post Office Box 520
Bristol, Wisconsin 53104-0520

Division of County Development (including Sanitation & Land Conservation) **857-1895**
Facsimile #..... 857-1920

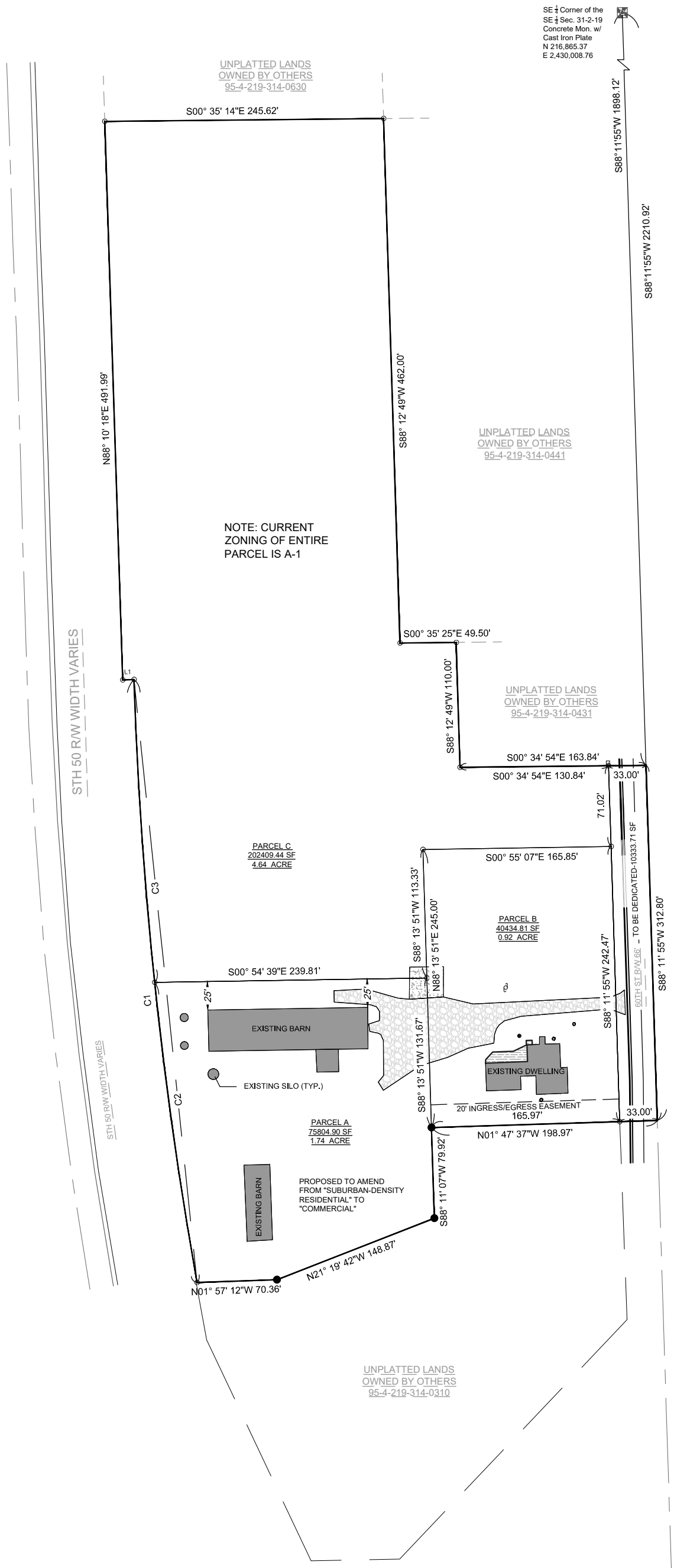
Public Works Division of Highways..... 857-1870

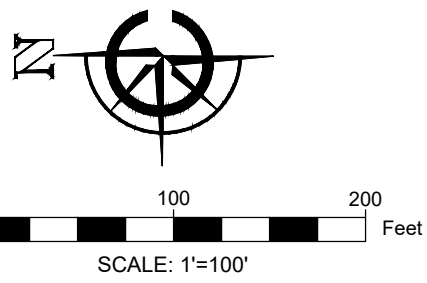
Administration Building
Division of Land Information 653-2622

Brighton, Town of..... 878-2218
Paris, Town of..... 859-3006
Randall, Town of..... 877-2165
Salem, Town of..... 843-2313
Utility District 862-2371
Somers Town of..... 859-2822
Wheatland, Town of..... 537-4340
Wisconsin Department of Natural Resources - Sturtevant Office 884-2300
Wisconsin Department of Transportation - Waukesha Office 548-8722

LAND USE PLAN MAP AMENDMENT EXHIBIT

A PARCEL OF LAND LOCATED IN THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 31, TOWNSHIP 2 NORTH, RANGE 19 EAST, IN THE TOWN OF WHEATLAND, KENOSHA COUNTY, WISCONSIN.





SCALE: 1'=100'

NOTE:
1. BASIS OF BEARING: THE WISCONSIN STATE PLANE COORDINATE SYSTEM, NAD-83, SOUTH ZONE.

LEGEND

- 1" IRON PIPE- FOUND
- SET 1" O.D. IRON PIPE 18" LONG, 1.13# L.F.
- FOUND SECTION CORNER
- EXISTING BUILDING
- EXISTING CONCRETE
- EXISTING GRAVEL
- EXISTING DECK

LOT CURVE TABLE							
CURVE NUMBER	LENGTH (FT)	RADIUS (FT)	Δ	CHORD LENGTH	CHORD BEARING	TAN IN	TAN OUT
C1	534.27	3689.72	008°17'47"	533.80	N84° 01' 24"E	N88° 10' 17"E	N79° 52' 31"E
C2	261.88	3689.72	004°04'00"	261.83	N81° 54' 31"E	N83° 56' 31"E	N79° 52' 31"E
C3	272.38	3689.72	004°13'47"	272.32	N86° 03' 24"E	N88° 10' 17"E	N83° 56' 31"E

PARCEL LINES		
LINE NUMBER	LENGTH (FT)	DIRECTION
L1	10.00	N01° 49' 42"W

LEGAL DESCRIPTION:
A PARCEL OF LAND LOCATED IN THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 31, TOWNSHIP 2 NORTH, RANGE 19 EAST, IN THE TOWN OF WHEATLAND, KENOSHA COUNTY, WISCONSIN, MORE PARTICULARLY DESCRIBED AS:
COMMENCING AT THE SE CORNER OF SAID SE ¼; THENCE S88°11'55"W 1898.12' ALONG THE SOUTH LINE OF SAID SE ¼ TO THE POINT OF BEGINNING; THENCE S88°11'55"W 312.80'; THENCE N01°47'37""W 198.97'; THENCE S88°11'07""W 79.92'; THENCE N21°19'42"W 148.87'; THENCE N01°57'12"W 70.36'; THENCE ALONG A CURVE TO THE RIGHT ON THE SOUTH RIGHT OF WAY LINE OF STATE TRUNK HIGHWAY 50 WITH A RADIUS OF 3689.72', AN ARCH LENGTH OF 534.27', A CHORD BEARING OF N84°01'24"E, WITH A CHORD LENGTH OF 533.80'; THENCE N01°49'42"W 10.00' ALONG THE SOUTH RIGHT OF WAY LINE OF STATE TRUNK HIGHWAY 50; THENCE N88°10'18"E 491.99' ALONG THE SOUTH RIGHT OF WAY LINE OF STATE TRUNK HIGHWAY 50; THENCE S00°35'14"E 245.62',THENCE S88°12'49"W 462.00'; THENCE S00°35'25"E 49.50'; THENCE S88°12'49"W 110.00'; THENCE S00°34'54"E 136.84' TO THE POINT OF BEGINNING.

PARCEL A TO BE AMENDED FROM "SUBURBAN-DENSITY RESIDENTIAL" TO "COMMERCIAL"

COMMENCING AT THE SE CORNER OF SAID SE ¼; THENCE S88°11'55"W 2,210.92' ALONG THE SOUTH LINE OF SAID SE ¼; THENCE N01°47'37""W 198.97' TO THE POINT OF BEGINNING; THENCE S88°11'07"W 79.92'; THENCE N21°19'42"W 148.87'; THENCE N01°57'12"W 70.36';THENCE ALONG A CURVE TO THE RIGHT ON THE SOUTH RIGHT OF WAY LINE OF STATE TRUNK HIGHWAY 50 WITH A RADIUS OF 3689.72', AN ARCH LENGTH OF 261.88' A CHORD BEARING OF N81°54'31"E, WITH A CHORD LENGTH OF 261.83'; THENCE S00°54'39"E 239.81'; THENCE S88°13'51"W 131.67' TO THE POINT OF BEGINNING.

SURVEY ORDERED BY:

MARK LARKIN

PROPERTY ADDRESS:

38810 60TH ST
BURLINGTON, WI 53105

SURVEYOR:

PAUL H. VAN HENKELUM, PLS
CARDINAL ENGINEERING LLC

WISCONSIN
PAUL H.
VAN HENKELUM
S–1931
LAKE GENEVA,
WI
LAND SURVEYOR

CARDINAL ENGINEERING LLC
DESIGNING IN TRUE DIRECTIONS

PO BOX 281 - 1200 LA SALLE ST.
LAKE GENEVA, WI 53147
262-757-8776
CARDINALENGINEERINGWI.COM

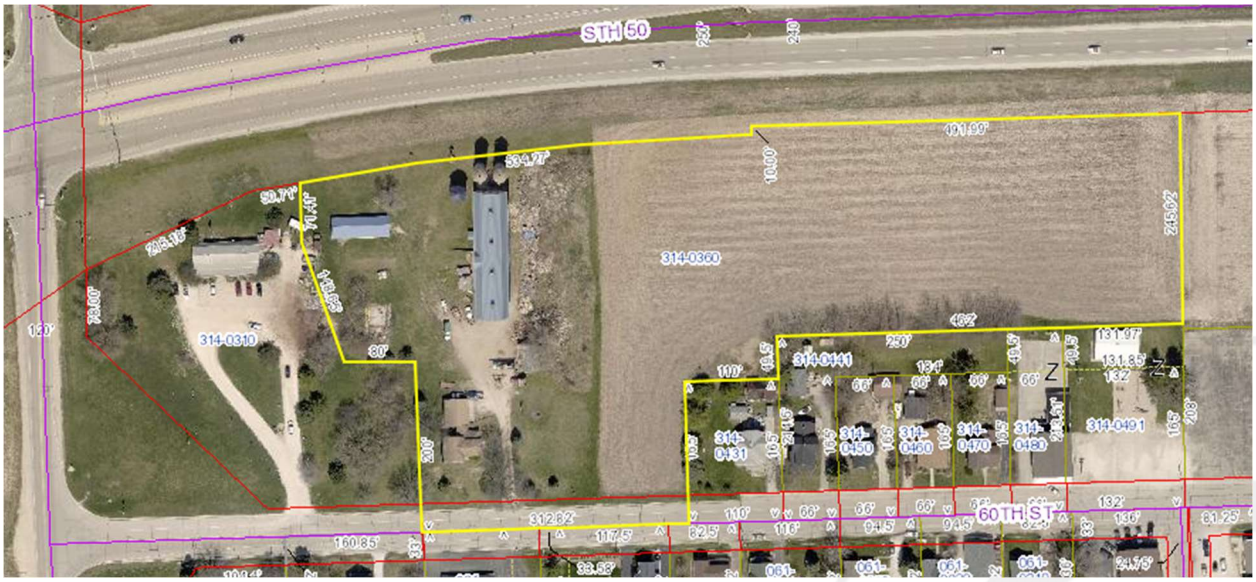
DATE: 12-18-2020 JOB No. 20343
SHEET 1 0F 1

CARDINAL ENGINEERING

COMPREHENSIVE MAP AMENDMENT AND REZONING NARRATIVE

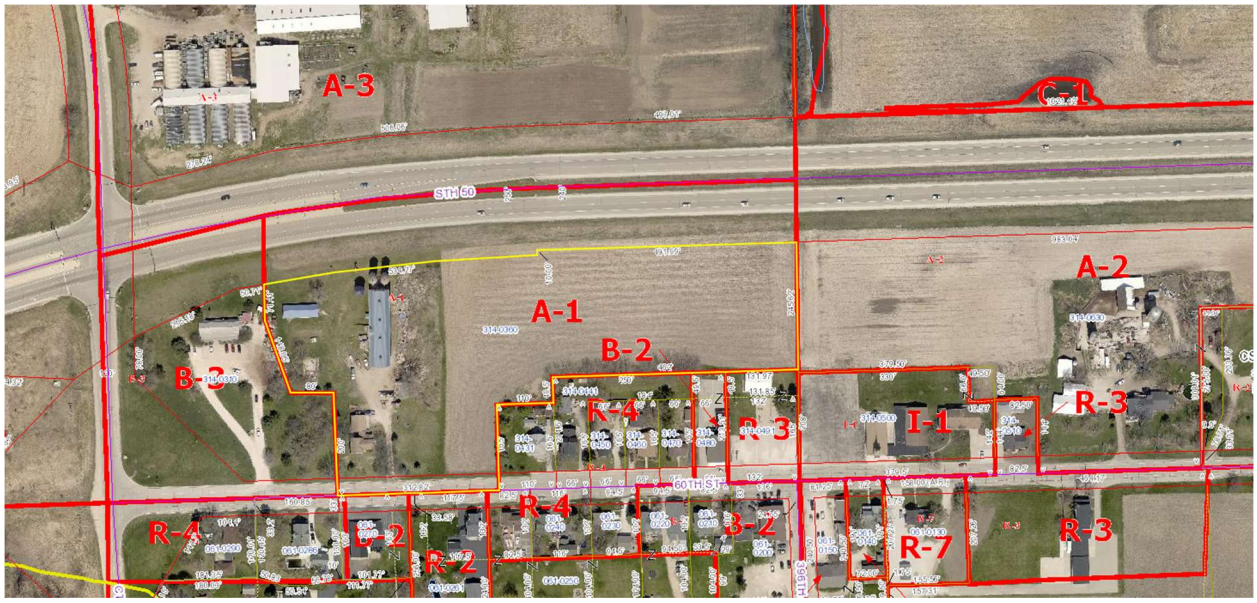
Per the enclosed proposed rezoning exhibit, the designated Parcel A, as part of the existing parcel Tax Number 95-4-219-314-0360 is proposed to amend the comprehensive map to allow for B-5 Zoning.

The lot exists today with two barns, several silos and a dwelling. The remaining lands are tillable.

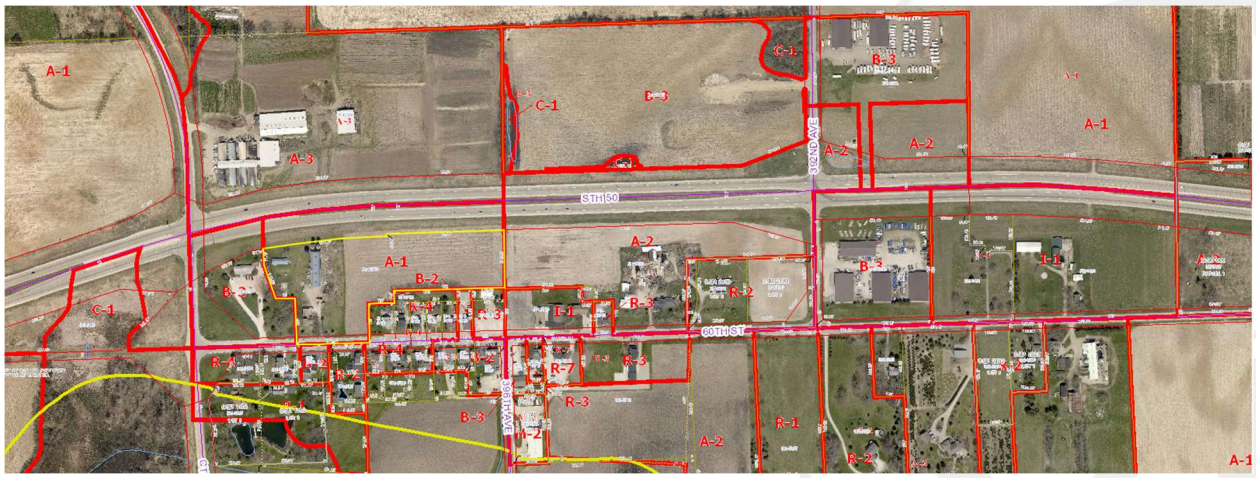


262-757-8776
1200 LaSALLE STREET – PO BOX 281
LAKE GENEVA, WISCONSIN
WWW.CARDINALENGINEERINGWI.COM

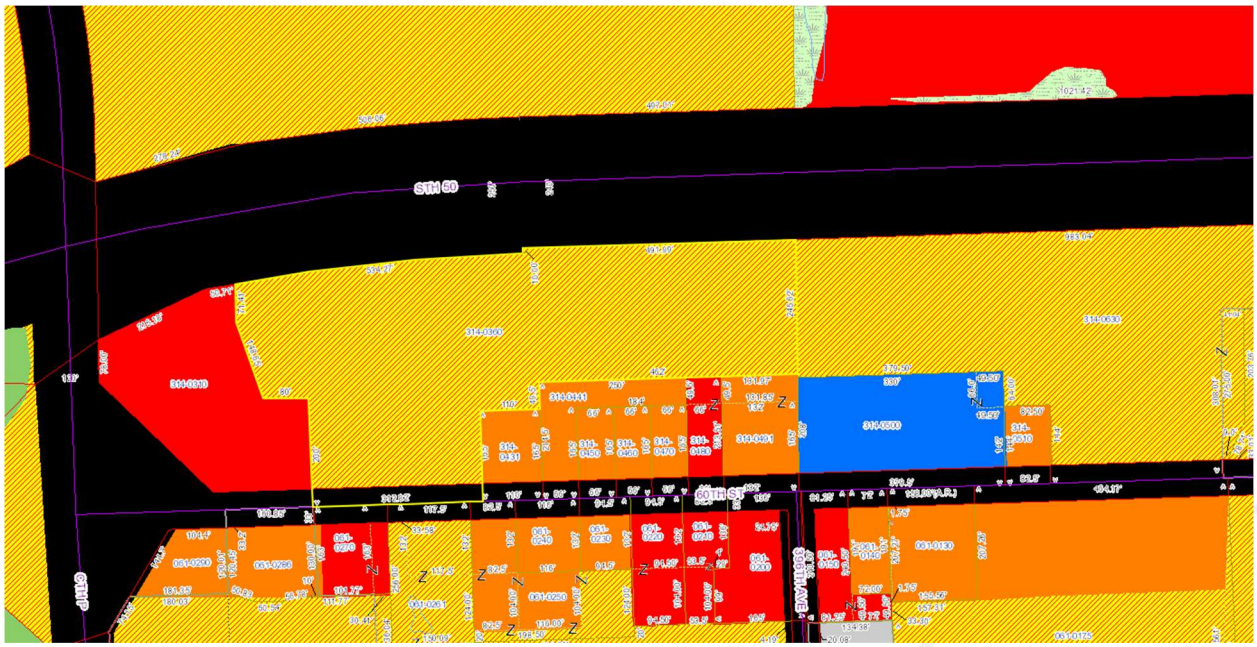
The entire parcel exists today zoned as A-1



Along this stretch of STH 50 frontage, there is a mix of zoning. The adjacent property to the west is B-3. The property on the north side of STH 50 is A-3. The properties to the south are a mix of R-4, R-3, and B-2. To the east are zonings I-1, A-2, and B-3.



The Land Use Plan for this area designates this property as Suburban-Density Residential. The same is for the property to the North and East. To the west is designated Commercial along with Northeast and some other surrounding properties. There are also Medium-Density Residential and Government/Institutional in the vicinity.



LEGEND

LAND USE PLAN MAP FOR KENOSHA COUNTY: 2035

- FARMLAND PROTECTION
- GENERAL AGRICULTURAL AND OPEN LAND
- RURAL-DENSITY RESIDENTIAL
- AGRICULTURAL AND RURAL-DENSITY RESIDENTIAL
- SUBURBAN-DENSITY RESIDENTIAL
- MEDIUM-DENSITY RESIDENTIAL
- HIGH-DENSITY RESIDENTIAL
- MIXED USE
- COMMERCIAL
- OFFICE/PROFESSIONAL SERVICES
- INDUSTRIAL
- BUSINESS/INDUSTRIAL PARK
- GOVERNMENTAL AND INSTITUTIONAL
- PARK AND RECREATIONAL
- STREET AND HIGHWAY RIGHT-OF-WAY
- OTHER TRANSPORTATION, COMMUNICATION, AND UTILITY
- EXTRACTIVE
- LANDFILL
- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY ENVIRONMENTAL CORRIDOR
- ISOLATED NATURAL RESOURCE AREA
- OTHER CONSERVANCY LAND TO BE PRESERVED
- NONFARMED WETLAND OUTSIDE ENVIRONMENTAL CORRIDOR, ISOLATED NATURAL RESOURCE AREA, AND OTHER CONSERVANCY LAND TO BE PRESERVED
- SURFACE WATER

Source: Wisconsin Department of Natural Resources, Federal Emergency Management Agency, Local Governments, Kenosha County, and SEWRPC.

This submittal proposes to amend the Land Use Plan for the designated "Parcel A" on the enclosed exhibit to be "Commercial" matching the property immediately adjacent to the west and other surrounding properties. The remaining future divided parcels would stay in their current designation.

In the Kenosha County Comprehensive Plan, the following goals are laid out and this map amendment complies with those goals. This references page 35, "Fourteen Comprehensive Planning Goals". While the application does not specifically go against any of the 14 goals laid out, it does very specifically comply with the following numbers that match those goals laid out in the plan.

1. Promotion of the redevelopment of lands with existing infrastructure and public services and the maintenance and rehabilitation of existing residential, commercial, and industrial structures.

   This amendment redevelops existing structures and infrastructure to a practical and logical use. Staying in its current land use plan is not practical given the existing structures, the access, and the frontage. It does not add impacts to public services and maintenance requirements.

3. Protection of natural areas, including wetlands, wildlife habitats, lakes, woodlands, open spaces, and groundwater resources.

   As part of the planning for this project, we have completed a wetland delineation. None exist on this property. However, it is known that surrounding areas have drainage issues. This plan utilizes the existing facilities ideally (barn for commercial use) and then plans residential properties in compliance with the existing land use plan. This will also be required to be in compliance with all local and state runoff control that will match or reduce existing runoff rates that contribute to any area issues. No habitats or woodlands are impacted with this proposal.

5. Encouragement of land uses, densities and regulations that promote efficient development patterns and relatively low municipal, state government, and utility costs.

   The STH 50 frontage is ideal for this proposed commercial designation and does not add to any density issues. It matches surrounding business uses and does not add to any municipal, state government, nor utility costs.

6. Preservation of cultural, historic, and archaeological sites.

   No impacts are made to any cultural, historic, and archaeological sites, based on the WDNR NHI Preliminary Assessment.

7. Encouragement of coordination and cooperation among nearby units of government.

   This application is in harmony with the Kenosha County and Town of Wheatland map amendment process, which requires approval from both entities.

9. Providing an adequate supply of affordable housing for individuals of all income levels throughout each community.

This application utilizes the existing barns for commercial use, then keeps the existing designation for the existing residence to stay residential and the remaining lands to keep their current residential land use designation.

11. Promoting the expansion or stabilization of the current economic base and the creation of a range of employment opportunities at the state, regional, and local level.

    Employment is provided with the existing facilities while maintaining the residential designated areas.

13. Planning and development of land uses that create or preserve varied and unique urban and rural communities.

    This amendment is in harmony with existing commercial properties and keeps the varied and unique zoning that exists within this area.

14. Providing an integrated, efficient and economical transportation system that affords mobility, convenience, and safety and that meets the needs of all citizens, including transit-dependant and disabled citizens.

    No disruption to access already planned with the existing Land Use is expected with this amendment.

Proposed Business Use Narrative:

Use: Contractor's Storage and Shop use of the Barns.

Description: An area contractor proposes to use the barns as storage for materials and basic shop for combining materials, painting, and preparing supplies.

Employees: 3-6 employees are expected to utilize the facility.

Hours: Weekdays 7am to 7pm and Saturdays 8am to 4pm.

Access: Further applications will designate an access easement along the west property line, adjacent to the existing business use to the west. Current access is shared through a single driveway for both the residence and the barns. In current conditions, the same entity will own both the commercial facility and the residence, so that shared driveway may continue. At which time different owners of the two properties are in place, the commercial site will access through the easement designated on the CSM.

Sanitary Facilities: The site has recently had a perk test completed and will install a code compliant POWTS and restroom facilities inside the barn, compliant with commercial facilities.

Site Lighting: Basic lighting will be in place for security and vehicular access. Full compliance with ordinances and directly adjacent residential properties.

Wetland & Waterway Consulting, LLC
Dave Meyer
S83 W23915 Artesian Avenue • Big Bend, WI 53103
262-719-4286 • Fax 262-364-2197
E-Mail • *dave@wetlandwi.com*

7-15-20

Mr. Ryan Cardinal
Cardinal Engineering
206 Broad Street
Lake Geneva, WI 53147

Dear Mr. Cardinal:

Wetland & Waterway Consulting (WWC) has conducted a wetland delineation on property located in Sec.31, T2N, R19E, Town of Wheatland, Kenosha County. The delineation was conducted on 7-13-20 at your request. This site is under consideration for future development; therefore, location of the presence or absence of wetlands prior to construction is necessary.

Investigator

Dave Meyer, lead delineator, is an independent environmental consultant providing wetland delineations, environmental permitting services, site assessments, and planning advice. He obtained a master's degree in Natural Resources Management from Southern Illinois University-Carbondale in 1977. Mr. Meyer has held technical and administrative positions in wetland and water resources specialties with the Wisconsin Department of Natural Resources and the U.S. Army Corps of Engineers. He has satisfactorily completed the Reg IV Wetland Delineation training offered by the U.S. Army Corps of Engineers, the Advanced Wetland Delineation training conducted by the University of Wisconsin-LaCrosse in 2002 and 2007, the USACOE/WIDNR 1987 Wetland Delineation Manual Midwest Region Supplement Training in 2009, the USACOE/WIDNR 1987 Wetland Delineation Manual Northcentral/Northeast Region Supplement Training in 2010, the Basic Hydric Soil ID training conducted by the University of Wisconsin-LaCrosse in 2011, SEWRPC's Environmental Corridor Delineation Workshops in 2004 and 2015, and the Wetland Training Institute's Advanced Hydrology for Jurisdictional Determinations in 2016 and the Federal Wetland/Waters Regulatory Policy in 2019. Mr. Meyer is recognized by the Wisconsin Department of Natural Resources as an Assured Delineator.

Methods

The site visit was conducted according to the guidelines identified in the U.S. Army Corps of Engineers' 1987 manual and the Northcentral/Northeast Regional Supplement. The plot size used was a 30 foot radius circle for trees, shrub/saplings, and woody vines, and a 5 foot radius circle for herbaceous vegetation.

Five data points were located in the subject parcel. Data was collected on the vegetation, soils, and hydrology at each point. The field investigation followed the technical approach described in the USACOE 1987 Manual. Refer to the map attached to the end of this report for locations of these points.

In addition, an FSA crop history slide review was undertaken prior to the delineation because the county soil survey shows somewhat poorly drained or poorly drained soils present in farmed areas on the parcel.

In preparation for the slide review, the NRCS wetland map, if available, was used to locate mapped areas of Prior Converted "PC", Wetland "W", Farmed Wetland "FW", Non-Wetland "NW", etc. Ten years of imagery were examined and used in the calculation for the number of hits. The review was started by examining a wet year aerial photograph, if present, to show the maximum extent of possible wetlands. Using that potential maximum extent of wetlands as the starting point, the normal years, if present, were then used to determine the more likely location and extent of the wetlands. Wet year signatures, particularly if they showed up on multiple years, were utilized in the field to determine the location of data points to demonstrate potential adjacent upland conditions. All wet signatures, whether they showed up on wet, normal, or dry years, were used to calculate the number of hits. Eight categories of wet signatures have been identified as follows [USDA, NRCS 1998. Wisconsin Wetland Mapping Conventions—WI513.30 (c) Off-site wetland identification tools. (WI-180-V-NFSAM). (3rd ed.) (Amendment WI21)]: 1) Hydrophytic vegetation which is typically seen as a different shade of green, 2) Surface water which usually shows as black or white areas, 3) Drowned-out crops identified as bare soil or mud flats, 4) Color differences that are the result of different planting dates or specific areas of the field that were not farmed in a given year, 5) Inclusionary wet areas that are part of a set-aside program, 6) Areas of greener color that area present in dry years, 7) Crop stress seen as yellow colors or sparse canopy typically seen as light green, and 8) Saturated soil that is visible on infrared (IR) slides or photographs.

Roadside ditches and other drainage ditches internal to the site were identified if they displayed hydric vegetation. Wetland delineators are given latitude to use best professional judgement in applying wetland indicators between adjacent regions. On page 4 of the Midwest Manual and page 5 of the Northcentral/Northeast Manual it states, "Region boundaries are depicted in Figure 1 as sharp lines. However, climatic conditions and the physical and biological characteristics of landscapes do not change abruptly at the boundaries. In reality, regions and subregions often grade into one another in broad transition zones that may be tens or hundreds of miles wide. The lists of wetland indicators presented in these Regional Supplements may differ between adjoining regions or subregions. In transitional areas, the investigator must use experience and good judgment to select the supplement and indicators that are appropriate to the site based on its physical and biological characteristics." Utilizing this guidance and best professional judgement in the Midwest Region, Kentucky bluegrass (Poa pratensis) is treated as a FACU species in roadside ditches and other drainage ditches internal to a site in order to maintain consistency with the manner in which roadside ditches and other drainage ditches are flagged in the Northcentral/Northeast Region. For those ditches meeting hydric vegetation indicators, flags were placed in the middle of the ditches at their beginning and ending points. If the ditch was very long or had unusual bends or turns in it, additional flags were placed within the central parts of the ditch to assist in its location.

Resources utilized in the investigation included the NRCS county soil survey, Wisconsin Wetland Inventory mapping, topo mapping, aerial photos, and county plat mapping. Significant literature consulted includes:

Curtis, John. 1971. The Vegetation of Wisconsin. University of Wisconsin Press, Madison, Wisconsin. 173 pp.

Eggers, Steve and Donald Reed. 2011. Wetland Plants and Plant Communities of Minnesota and Wisconsin – 3rd Edition. St. Paul District, U.S. Army Corps of Engineers, St. Paul, MN 478 pp.

Peterson, Roger and Margaret McKenny. 1968. A Field Guide to Wildflowers of Northeastern and Northcentral North America. Houghton Mifflin Company, Boston, Mass. 420 pp.

Swink, Floyd and Gerould Wilhelm. 1994. Plants of the Chicago Region. The Morton Arboretum, Lisle, Illinois. 921 pp.

Results and Discussion

* This approximately 8 acre site is situated on the northeast corner of the intersection of 60th Street and CTH P in the Town of Wheatland. The site consists of a single family home and outbuildings, mowed and maintained lawn, actively cropped fields, upland wooded hedgerow, and a stand of upland meadow. The western end of the site where the house and outbuildings are situated is on the highest point of the property. From there it slopes down to the east and abuts the cropped fields which are level.

* No records of previous delineations on this site were discovered.

* The soil types mapped within the project boundaries are Casco loam (CeC2), Fox silt loam (FsB), and Matherton silt loam (MkA). For detailed descriptions of these soils, refer to the Hydric Soil List Report included with the soil maps in the Attachments.

* No roadside ditches supporting hydric vegetation are associated with this parcel.

* The FSA slide review revealed only 2 hits out of 10 years in the eastern portion of the cropped field. Data points located in the cropped field are discussed below.

* The Wisconsin Wetland Inventory map does not show the presence of wetlands on this site. The field investigation confirmed this.

* The vegetation, soil, and hydrology characteristics of the data points are as follows:

Data point #'s 1, 2, and 3 are located in three separate areas of the field that displayed stunted corn crops. While the 10 year slide review did not indicate that these conditions would be present, the wetter than normal conditions this spring contributed to the stunted crops in these spots. These three areas are shallow depressional basins. All three are dominated by corn and giant foxtail grass. Soil indicators are not present in any of these areas. Hydrology indicators at all three points are Stunted or Stressed Plants and Geomorphic Position. See Photos A, B, and C.

Data point #4 is located in the narrow hedgerow bordering the southern side of the cropped field. It is dominated by silver maple, woolly blue violet, and giant ragweed. Neither soil nor the required hydrology indicators are present.

Data point #5 is located in a small patch of upland meadow on the southwest corner of the field. It is dominated by black walnut and Canada goldenrod. Neither soil nor the required hydrology indicators are present. See Photo D.

Precipitation Data

Precipitation data from the websites of the USDA Natural Resource Conservation Service, the National Oceanic and Atmospheric Administration (NOAA), and Kenosha WETS station WI4147 was reviewed. This antecedent data was reviewed and considered while making determinations concerning the presence and/or absence of wetlands during the field investigation.

Because the antecedent precipitation was wetter than normal, direct observations of saturated soils and/or water standing on the surface was expected. Other primary indicators as well as the secondary indicators were also searched for.

Note that when a site is delineated in the first half of the month, the previous 3 months are taken into consideration.

Condition Value Dry = 1 Normal = 2 Wet = 3

	Month	Normal	3 yrs. In 10 less than	3 yrs. In 10 more than	Observed precip.	Condition dry, wet, normal	Condition value	Month weight value	Product of previous two columns
1st prior month	June	3.59	2.28	4.33	3.52	normal	2	3	6
2nd prior month	May	3.38	1.91	4.11	6.31	wet	3	2	6
3rd prior month	April	3.85	2.67	4.59	5.77	wet	3	1	3
								sum	15

If sum is	
6 - 9	drier than normal
10 - 14	normal
15 - 18	wetter than normal

Conclusion
Antecedent precipitation was wetter than normal.

Conclusion

No wetlands are present on this site. Because this delineation was conducted by Mr. Meyer, an Assured Delineator, obtaining a concurrence letter from the Wisconsin Department of Natural Resources is not necessary. Concurrence with the finding of no wetlands on this parcel by the U.S. Army Corps of Engineers, however, must be obtained before undertaking any alterations or modifications of this property. Activities affecting wetlands or surface waters may require permits from the U.S. Army Corps of Engineers, the Wisconsin Department of Natural Resources, and local municipal authorities. The client must obtain authorization from all proper regulatory authorities before altering, modifying, or using the property. If the required authorizations are not obtained, Wetland & Waterway Consulting, LLC shall not be liable or responsible for any resulting damages.

Sincerely,

Dave Meyer

Attachments

1. Data points
2. Soil Survey maps
3. Wisconsin Wetland Inventory map
4. USGS topo map
5. Location map
6. Site photographs
7. FSA slide review
8. Data point location map

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: 60th Street City/County: Kenosha Sampling Date: 7-13-20
Applicant/Owner: State: WI Sampling Point: #149
Investigator(s): Meyer Section, Township, Range: Sec. 31 T2N R19E
Landform (hillslope, terrace, etc.): depressional basin Local relief (concave, convex, none): concave
Slope (%): ~3 Lat.: Long.: Datum:
Soil Map Unit Name: Mahalon loam MKA NWI Classification: None
Are climatic/hydrologic conditions of the site typical for this time of the year? see report (If no, explain in remarks)
Are vegetation Y, soil N, or hydrology N significantly disturbed? Are "normal
Are vegetation N, soil N, or hydrology N naturally problematic? circumstances" present? N
(If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present?	N	**Is the sampled area within a wetland?**	N
Hydric soil present?	N		
Indicators of wetland hydrology present?	Y	If yes, optional wetland site ID:	

Remarks: (Explain alternative procedures here or in a separate report.)
DP located in cropped field

HYDROLOGY

Primary Indicators (minimum of one is required; check all that apply)
- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)
- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Microtopographic Relief (D4)

Field Observations:

Surface water present?	Yes ___	No /	Depth (inches):	
Water table present?	Yes ___	No /	Depth (inches):	
Saturation present? (includes capillary fringe)	Yes ___	No /	Depth (inches):	

Indicators of wetland hydrology present? Y

Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION - Use scientific names of plants

Sampling Point: 1

Tree Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		= Total Cover		

Sapling/Shrub Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		= Total Cover		

Herb Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1	Zea mays	40	✓	UPL
2				
3				
4	Amaranthus retroflexus	10		FACU
5				
6				
7	Setaria faberii	50	✓	FACU
8				
9				
10				
11				
12				
13				
14				
15				
		100 = Total Cover		

Woody Vine Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		= Total Cover		

50/20 Thresholds

	20%	50%
Tree Stratum		
Sapling/Shrub Stratum		
Herb Stratum	1	1
Woody Vine Stratum		

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across all Strata: 2 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	x 1 =		
FACW species	x 2 =		
FAC species	x 3 =		
FACU species	x 4 =		
UPL species	x 5 =		
Column totals	(A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

___ Rapid test for hydrophytic vegetation

___ Dominance test is >50%

___ Prevalence Index is ≤3.0*

___ Morphogical adaptations* (provide supporting data in Remarks or on a separate sheet)

___ Problematic hydrophytic vegetation* (explain)

*Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines - All woody vines greater than 3.28 ft in height.

Hydrophytic vegetation present? N

Remarks: (Include photo numbers here or on a separate sheet)

SOIL **Sampling Point:** 1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type*	Loc**	Texture	Remarks
0-14	10YR 2/2	100					silt loam	
14-15	10YR 2/2	98	10YR 3/6	2	C	M	silt loam	
15-20	10YR 4/2	90	10YR 4/6	10	C	M	Clay loam	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains
**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

- ___ Histisol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Suface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7) **(LRR R, MLRA 149B)**
- ___ Polyvalue Below Surface (S8) **(LRR R, MLRA 149B)**
- ___ Thin Dark Surface (S9) **(LRR R, MLRA 149B**
- ___ Loamy Mucky Mineral (F1) **(LRR K, L)**
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ 2 cm Muck (A10) **(LRR K, L, MLRA 149B**
- ___ Coast Prairie Redox (A16) **(LRR K, L, R)**
- ___ 5 cm Mucky Peat or Peat (S3) **(LRR K, L, R)**
- ___ Dark Surface (S7) **(LRR K, L**
- ___ Polyvalue Below Surface (S8) **(LRR K, L)**
- ___ Thin Dark Surface (S9) **(LRR K, L)**
- ___ Iron-Manganese Masses (F12) **(LRR K, L, R)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 149B)**
- ___ Mesic Spodic (TA6) **(MLRA 144A, 145, 149B)**
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

*Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic

Restrictive Layer (if observed):
Type: _____
Depth (inches): _____

Hydric soil present? N

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: 60th Street City/County: Kenosha Sampling Date: 7-13-20
Applicant/Owner: State: WI Sampling Point: #24P
Investigator(s): Meyer Section, Township, Range: Sec. 31 T2N R19E
Landform (hillslope, terrace, etc.): depressional basin Local relief (concave, convex, none): Concave
Slope (%): ~3 Lat.: Long.: Datum:
Soil Map Unit Name: Martinton loam MkA NWI Classification: None
Are climatic/hydrologic conditions of the site typical for this time of the year? See report (If no, explain in remarks)
Are vegetation Y, soil N, or hydrology N significantly disturbed? Are "normal
Are vegetation N, soil N, or hydrology N naturally problematic? circumstances" present? N/
(If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present?	N	**Is the sampled area within a wetland?**	N
Hydric soil present?	N		
Indicators of wetland hydrology present?	Y	If yes, optional wetland site ID:	

Remarks: (Explain alternative procedures here or in a separate report.)
DP located in cropped field

HYDROLOGY

Primary Indicators (minimum of one is required; check all that apply)
- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)
- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ✓ Stunted or Stressed Plants (D1)
- ✓ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Microtopographic Relief (D4)

Field Observations:

Surface water present?	Yes ___	No ✓	Depth (inches):	
Water table present?	Yes ___	No ✓	Depth (inches):	
Saturation present? (includes capillary fringe)	Yes ___	No ___	Depth (inches):	

Indicators of wetland hydrology present? Y

Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION - Use scientific names of plants

Sampling Point: 2

Tree Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		= Total Cover		

Sapling/Shrub Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		= Total Cover		

Herb Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1	Zea mays	30		UPL
2				
3	Setaria faberii	60	/	FACU
4				
5				
6	Chenopodium album	20		FACU
7				
8				
9				
10				
11				
12				
13				
14				
15				
		110 = Total Cover		

Woody Vine Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		= Total Cover		

50/20 Thresholds

	20%	50%
Tree Stratum		
Sapling/Shrub Stratum		
Herb Stratum	1	1
Woody Vine Stratum		

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across all Strata: 2 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	x 1 =		
FACW species	x 2 =		
FAC species	x 3 =		
FACU species	x 4 =		
UPL species	x 5 =		
Column totals	(A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

___ Rapid test for hydrophytic vegetation

___ Dominance test is >50%

___ Prevalence index is ≤3.0*

___ Morphogical adaptations* (provide supporting data in Remarks or on a separate sheet)

___ Problematic hydrophytic vegetation* (explain)

*Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines - All woody vines greater than 3.28 ft in height.

Hydrophytic vegetation present? No

Remarks: (Include photo numbers here or on a separate sheet)

SOIL **Sampling Point:** 2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type*	Loc**	Texture	Remarks
0-11	10YR 2/2	100					Silt loam	
11-20	2.5Y 5/3	80	10YR 4/6	20	C	M	Clay loam	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains
**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

- ___ Histisol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Suface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7) **(LRR R, MLRA 149B)**
- ___ Polyvalue Below Surface (S8) **(LRR R, MLRA 149B)**
- ___ Thin Dark Surface (S9) **(LRR R, MLRA 149B**
- ___ Loamy Mucky Mineral (F1) **(LRR K, L)**
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ 2 cm Muck (A10) **(LRR K, L, MLRA 149B**
- ___ Coast Prairie Redox (A16) **(LRR K, L, R)**
- ___ 5 cm Mucky Peat or Peat (S3) **(LRR K, L, R)**
- ___ Dark Surface (S7) **(LRR K, L**
- ___ Polyvalue Below Surface (S8) **(LRR K, L)**
- ___ Thin Dark Surface (S9) **(LRR K, L)**
- ___ Iron-Manganese Masses (F12) **(LRR K, L, R)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 149B)**
- ___ Mesic Spodic (TA6) **(MLRA 144A, 145, 149B)**
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

*Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic

Restrictive Layer (if observed):
Type: _____
Depth (inches): _____

Hydric soil present? N

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: 60th Street City/County: Kenosha Sampling Date: 7-13-20
Applicant/Owner: State: WI Sampling Point: #340
Investigator(s): Meyer Section, Township, Range: Sec. 31 T2N R19E
Landform (hillslope, terrace, etc.): depressional basin Local relief (concave, convex, none): concave
Slope (%): <3 Lat.: Long.: Datum:
Soil Map Unit Name: MgA Morton loam MKA NWI Classification: None
Are climatic/hydrologic conditions of the site typical for this time of the year? see report (If no, explain in remarks)
Are vegetation Y, soil N, or hydrology N significantly disturbed? Are "normal
Are vegetation N, soil N, or hydrology N naturally problematic? circumstances" present? N
(If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present?	N	Is the sampled area within a wetland?	N
Hydric soil present?	N		
Indicators of wetland hydrology present?	Y	If yes, optional wetland site ID:	

Remarks: (Explain alternative procedures here or in a separate report.)
DP located in cropped field

HYDROLOGY

Primary Indicators (minimum of one is required; check all that apply)
- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)
- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ✓ Stunted or Stressed Plants (D1)
- ✓ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Microtopographic Relief (D4)

Field Observations:

Surface water present?	Yes ___	No ✓	Depth (inches):		Indicators of wetland hydrology present? Y
Water table present?	Yes ___	No ✓	Depth (inches):		
Saturation present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches):		

Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION - Use scientific names of plants

Sampling Point: J

Tree Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		= Total Cover		

Sapling/Shrub Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		= Total Cover		

Herb Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1 Zea mays		60	✓	FACU
2				
3 Setaria Faberii		15	✓	FACU
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
		75 = Total Cover		

Woody Vine Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		= Total Cover		

50/20 Thresholds

	20%	50%
Tree Stratum		
Sapling/Shrub Stratum		
Herb Stratum	1	1
Woody Vine Stratum		

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across all Strata: 2 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	x 1 =		
FACW species	x 2 =		
FAC species	x 3 =		
FACU species	x 4 =		
UPL species	x 5 =		
Column totals	(A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ Rapid test for hydrophytic vegetation
- ___ Dominance test is >50%
- ___ Prevalence index is ≤3.0*
- ___ Morphogical adaptations* (provide supporting data in Remarks or on a separate sheet)
- ___ Problematic hydrophytic vegetation* (explain)

*Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines - All woody vines greater than 3.28 ft in height.

Hydrophytic vegetation present? NL

Remarks: (Include photo numbers here or on a separate sheet)

SOIL **Sampling Point:** 3

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type*	Loc**	Texture	Remarks
0-16	10YR3/2	100					silt loam	
16-20	10YR5/3	90	10YR4/6	10	C	M	clay loam	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains
**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

- ___ Histisol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Suface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7) **(LRR R, MLRA 149B)**
- ___ Polyvalue Below Surface (S8) **(LRR R, MLRA 149B)**
- ___ Thin Dark Surface (S9) **(LRR R, MLRA 149B**
- ___ Loamy Mucky Mineral (F1) **(LRR K, L)**
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ 2 cm Muck (A10) **(LRR K, L, MLRA 149B**
- ___ Coast Prairie Redox (A16) **(LRR K, L, R)**
- ___ 5 cm Mucky Peat or Peat (S3) **(LRR K, L, R)**
- ___ Dark Surface (S7) **(LRR K, L**
- ___ Polyvalue Below Surface (S8) **(LRR K, L)**
- ___ Thin Dark Surface (S9) **(LRR K, L)**
- ___ Iron-Manganese Masses (F12) **(LRR K, L, R)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 149B)**
- ___ Mesic Spodic (TA6) **(MLRA 144A, 145, 149B)**
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

*Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic

Restrictive Layer (if observed):
Type: _____
Depth (inches): _____

Hydric soil present? N/

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: 60th Street City/County: Kenosha Sampling Date: 7-13-20
Applicant/Owner: State: WI Sampling Point: #4 WP
Investigator(s): Meyer, Peet, Hedgerow Section, Township, Range: Sec. 31 T2N R19E
Landform (hillslope, terrace, etc.): level Local relief (concave, convex, none): none
Slope (%): — Lat.: Long.: Datum:
Soil Map Unit Name: Martinton loam MK1 NWI Classification: None
Are climatic/hydrologic conditions of the site typical for this time of the year? See report (If no, explain in remarks)
Are vegetation N, soil N, or hydrology N significantly disturbed? Are "normal
Are vegetation N, soil N, or hydrology N naturally problematic? circumstances" present? Y
(If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? ____	**Is the sampled area within a wetland?** N
Hydric soil present? ____	
Indicators of wetland hydrology present? ____	If yes, optional wetland site ID: ____

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ✓ FAC-Neutral Test (D5)
- ___ Microtopographic Relief (D4)

Field Observations:

Surface water present?	Yes ____	No ✓	Depth (inches): ____
Water table present?	Yes ____	No ✓	Depth (inches): ____
Saturation present? (includes capillary fringe)	Yes ____	No ✓	Depth (inches): ____

Indicators of wetland hydrology present? N

Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION - Use scientific names of plants

Sampling Point: 4

Tree Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1	Acer Saccharinum	50	✓	FACW
2				
3				
4				
5				
6				
7				
8				
9				
10				
		50	= Total Cover	

Sapling/Shrub Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
			= Total Cover	

Herb Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1	Ambrosia trifida	40	✓	FAC
2				
3				
4	Viola sororia	50	✓	FAC
5				
6				
7	Hesperis matronalis	5		FACU
8				
9				
10	Arctium minus	5		FACU
11				
12				
13				
14				
15				
		100	= Total Cover	

Woody Vine Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
			= Total Cover	

50/20 Thresholds

	20%	50%
Tree Stratum		1
Sapling/Shrub Stratum		
Herb Stratum	1	1
Woody Vine Stratum		

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across all Strata: 3 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	x 1 =		
FACW species	x 2 =		
FAC species	x 3 =		
FACU species	x 4 =		
UPL species	x 5 =		
Column totals	(A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ Rapid test for hydrophytic vegetation
- ✓ Dominance test is >50%
- ___ Prevalence index is ≤3.0*
- ___ Morphogical adaptations* (provide supporting data in Remarks or on a separate sheet)
- ___ Problematic hydrophytic vegetation* (explain)

*Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines - All woody vines greater than 3.28 ft in height.

Hydrophytic vegetation present? Y

Remarks: (Include photo numbers here or on a separate sheet)

SOIL **Sampling Point:** 4

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type*	Loc**	Texture	Remarks
0-13	10YR 2/2	100					Silt loam	
13-20	2.5Y 4/3	90	10YR 4/6	10	C	M	Clay loam	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains
**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

- ___ Histisol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Suface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7) **(LRR R, MLRA 149B)**
- ___ Polyvalue Below Surface (S8) **(LRR R, MLRA 149B)**
- ___ Thin Dark Surface (S9) **(LRR R, MLRA 149B**
- ___ Loamy Mucky Mineral (F1) **(LRR K, L)**
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ 2 cm Muck (A10) **(LRR K, L, MLRA 149B**
- ___ Coast Prairie Redox (A16) **(LRR K, L, R)**
- ___ 5 cm Mucky Peat or Peat (S3) **(LRR K, L, R)**
- ___ Dark Surface (S7) **(LRR K, L**
- ___ Polyvalue Below Surface (S8) **(LRR K, L)**
- ___ Thin Dark Surface (S9) **(LRR K, L)**
- ___ Iron-Manganese Masses (F12) **(LRR K, L, R)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 149B)**
- ___ Mesic Spodic (TA6) **(MLRA 144A, 145, 149B)**
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

*Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic

Restrictive Layer (if observed):
Type: _____
Depth (inches): _____

Hydric soil present? N

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: 60th Street City/County: Kenosha Sampling Date: 7-13-20
Applicant/Owner: State: WI Sampling Point: #5WP
Investigator(s): Meyer Section, Township, Range: Sec. 31 T2N R19E
Landform (hillslope, terrace, etc.): depressional basin Local relief (concave, convex, none): Concave
Slope (%): ~3 Lat.: Long.: Datum:
Soil Map Unit Name: Martinton loam MKA NWI Classification: None
Are climatic/hydrologic conditions of the site typical for this time of the year? See report (If no, explain in remarks)
Are vegetation N, soil N, or hydrology N significantly disturbed? Are "normal
Are vegetation N, soil N, or hydrology N naturally problematic? circumstances" present? Y
(If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present?	N	**Is the sampled area within a wetland?**	N
Hydric soil present?	N		
Indicators of wetland hydrology present?	N	If yes, optional wetland site ID:	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Primary Indicators (minimum of one is required; check all that apply)
- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)
- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Microtopographic Relief (D4)

Field Observations:

Surface water present?	Yes ___	No ✓	Depth (inches):
Water table present?	Yes ___	No ✓	Depth (inches):
Saturation present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches):

Indicators of wetland hydrology present? N

Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION - Use scientific names of plants

Sampling Point: 5

Tree Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		= Total Cover		

Sapling/Shrub Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1	Juglans nigra	5	✓	FACU
2				
3				
4				
5				
6				
7				
8				
9				
10				
		5 = Total Cover		

Herb Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1	Phalaris arundinacea	20		FAC(W)
2				
3	Solidago canadensis	90	✓	FACU
4				
5				
6	Elymus virginicus	5		FACW
7				
8				
9				
10				
11				
12				
13				
14				
15				
		115 = Total Cover		

Woody Vine Stratum	Plot Size ( )	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		= Total Cover		

50/20 Thresholds

	20%	50%
Tree Stratum		
Sapling/Shrub Stratum		1
Herb Stratum		1
Woody Vine Stratum		

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across all Strata: 2 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	x 1 =		
FACW species	x 2 =		
FAC species	x 3 =		
FACU species	x 4 =		
UPL species	x 5 =		
Column totals	(A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ Rapid test for hydrophytic vegetation
- ___ Dominance test is >50%
- ___ Prevalence index is ≤3.0*
- ___ Morphogical adaptations* (provide supporting data in Remarks or on a separate sheet)
- ___ Problematic hydrophytic vegetation* (explain)

*Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall.

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines - All woody vines greater than 3.28 ft in height.

Hydrophytic vegetation present? N/

Remarks: (Include photo numbers here or on a separate sheet)

SOIL **Sampling Point:** 5

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type*	Loc**	Texture	Remarks
0-16	10YR2/2	100					Silt loam	
16-20	2.5Y 4/3	95	10YR4/4	5	C	M	Clay loam	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains
**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

- ___ Histisol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Suface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7) **(LRR R, MLRA 149B)**
- ___ Polyvalue Below Surface (S8) **(LRR R, MLRA 149B)**
- ___ Thin Dark Surface (S9) **(LRR R, MLRA 149B**
- ___ Loamy Mucky Mineral (F1) **(LRR K, L)**
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ 2 cm Muck (A10) **(LRR K, L, MLRA 149B**
- ___ Coast Prairie Redox (A16) **(LRR K, L, R)**
- ___ 5 cm Mucky Peat or Peat (S3) **(LRR K, L, R)**
- ___ Dark Surface (S7) **(LRR K, L**
- ___ Polyvalue Below Surface (S8) **(LRR K, L)**
- ___ Thin Dark Surface (S9) **(LRR K, L)**
- ___ Iron-Manganese Masses (F12) **(LRR K, L, R)**
- ___ Piedmont Floodplain Soils (F19) **(MLRA 149B)**
- ___ Mesic Spodic (TA6) **(MLRA 144A, 145, 149B)**
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

*Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic

Restrictive Layer (if observed):
Type: _____
Depth (inches): _____

Hydric soil present? No

Remarks:

Surface Water Data Viewer Map

Legend

NRCS Wisconsin Soils

- Soil Mapping Unit
- Water

Index to EN_Image_Basemap_Leaf_Off

Notes

0.1 0 0.03 0.1 Miles

NAD_1983_HARN_Wisconsin_TM

1: 1,980

Soil Map—Kenosha and Racine Counties, Wisconsin

Map Scale: 1:1,720 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 25 50 100 150

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CeC2	Casco loam, 6 to 12 percent slopes, eroded	1.6	18.9%
FsB	Fox silt loam, 2 to 6 percent slopes	3.6	42.8%
MkA	Matherton loam, 1 to 3 percent slopes	3.2	38.2%
Totals for Area of Interest		**8.3**	**100.0%**

Report—Hydric Soil List - All Components

Hydric Soil List - All Components–WI601-Kenosha and Racine Counties, Wisconsin					
Map symbol and map unit name	**Component/Local Phase**	**Comp. pct.**	**Landform**	**Hydric status**	**Hydric criteria met (code)**
CeC2: Casco loam, 6 to 12 percent slopes, eroded	Casco-Eroded	80-90	Moraines	No	—
	Fox	5-11	Moraines	No	—
	Rodman	5-9	Moraines	No	—
FsB: Fox silt loam, 2 to 6 percent slopes	Fox	80-90	Outwash plains	No	—
	Casco	5-10	Outwash plains	No	—
	St. Charles-Gravelly substratum	5-10	Outwash plains	No	—
MkA: Matherton loam, 1 to 3 percent slopes	Matherton	95	Drainageways on stream terraces	No	—
	Sebewa	5	Depressions	Yes	2,3

Data Source Information

Soil Survey Area: Kenosha and Racine Counties, Wisconsin
Survey Area Data: Version 17, Jun 8, 2020

Surface Water Data Viewer Map

Legend

- Wetland Identifications and Confirmations
- Wetland Class Points
  - Dammed pond
  - Excavated pond
  - Filled excavated pond
  - Filled/drained wetland
  - Wetland too small to delineate
- Filled Points
- Wetland Class Areas
  - Wetland
  - Upland
- Filled Areas
- Index to EN_Image_Basemap_Leaf_Off

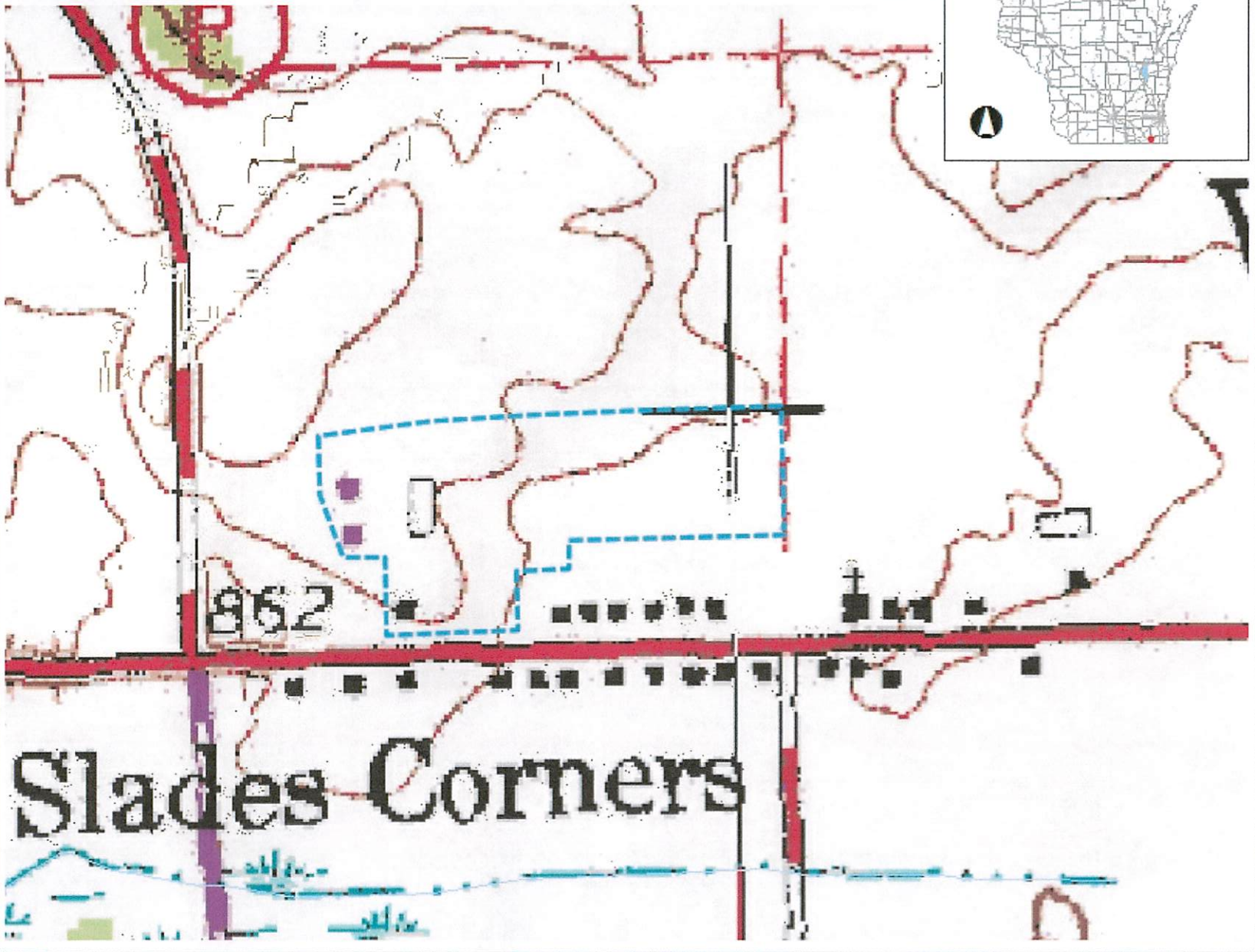
Notes

0.1 0 0.03 0.1 Miles

NAD_1983_HARN_Wisconsin_TM

1: 1,980

Surface Water Data Viewer Map



Legend

- Rivers and Streams
- Intermittent Streams
- Lakes and Open water
- 24K USGS Quad Index - Level 7 - 16
- Index to EN_Image_Basemap_Leaf_Off

Notes

0.1 0 0.06 0.1 Miles

NAD_1983_HARN_Wisconsin_TM

1: 3,960

Surface Water Data Viewer Map

Legend

- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway
- County and Local Roads
  - County HWY
  - Local Road
- Railroads
- Tribal Lands
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water

Notes

0.5 0 0.25 0.5 Miles

NAD_1983_HARN_Wisconsin_TM

1: 15,840

PHOTOGRAPHS

Photo A.....Viewing east across the stunted corn crop at DP #1.

Photo B.....Viewing north across the stunted corn crop at DP #2.

Photo C.....Viewing southwest across the stunted corn crop at DP #3.

Photo D.....Typical view of upland meadow at DP #5

Photo E.....Typical view of developed farmyard.


A

B

C


HARVESTORE
E

NRCS-CPA-32W
(6-9-06)

WETLAND DOCUMENTATION RECORD
Remotely Sensed Data Summary

Owner/Operator: Cardinal County: Racine State: WI

Slide Reviewer: Meyer Date: 7-13-20

Site Identification No. 1205 (Tract No. + Site No.)

Farm Service Agency (or Other) Aerial Slide Data

Date (Mo./Yr)	Rainfall (in) +D/N/W (Apr-June ave. = 9.68)	Interpretation- (codes listed in box below)
7/2018	14.64 W	N CR
4/2017	14.63 W	Y CR 6d
6/2016	8.39 N	N CR
6/2015	11.14 N	N CR
9/2013	17.30 W	N CR
5/2010	12.69 N	N CR
10/2007	10.09 N	N CR
9/2006	12.59 N	N CR
9/2005	5.42 D	N CR
3/2002	9.27 N	Y CR 6d

Air Photo

Y = Yes, signal indicates wetness (+ = strong, - = weak)
CR = cropped (row crop or tilled)
N = No wetness signature
NC = not cropped (hay, pasture, idle, etc.)

Feature	Color	Manipulation (year of installation)	Other
1 = water	6a = dark green	7a = ditched	write explanation
2 = mud flat	6b = light green	7b = tiled	
3 = bare spot	6c = yellow	7c = filled	
4 = drowned crop	6d = brown	7d = tree/brush removal	
5 = planted late	6e = black	8 = plowed/tilled	

Does slide/air photo data indicate the site is a wetland? 0Yes 0No

 # 2 years out of # 10 years observed have wet (Y) signatures.

Surface Water Data Viewer Map

Legend

NRCS Wisconsin Soils

- Soil Mapping Unit
- Water

Index to EN_Image_Basemap_Leaf_Off

Notes

0.1 0 0.03 0.1 Miles

NAD_1983_HARN_Wisconsin_TM

1: 1,980

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7/2018
Write a description for your map.
Legend
Feature 1
Local Folks
Saint Johns Lutheran Church
Google Earth
400 ft
N


4/2017
Write a description for your map.
Legend
Feature 1
Local Folks
Saint Johns Lutheran Church
Google Earth
400 ft
N


6/2016
Write a description for your map.
Legend
Feature 1
Local Folks
Saint Johns Lutheran Church
Google Earth
400 ft
N


6/2015
Write a description for your map.
Legend
Feature 1
Local Folks
Saint Johns Lutheran Church
Google Earth
400 ft
N


4/2013
Write a description for your map.
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Local Folks
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Google Earth
400 ft
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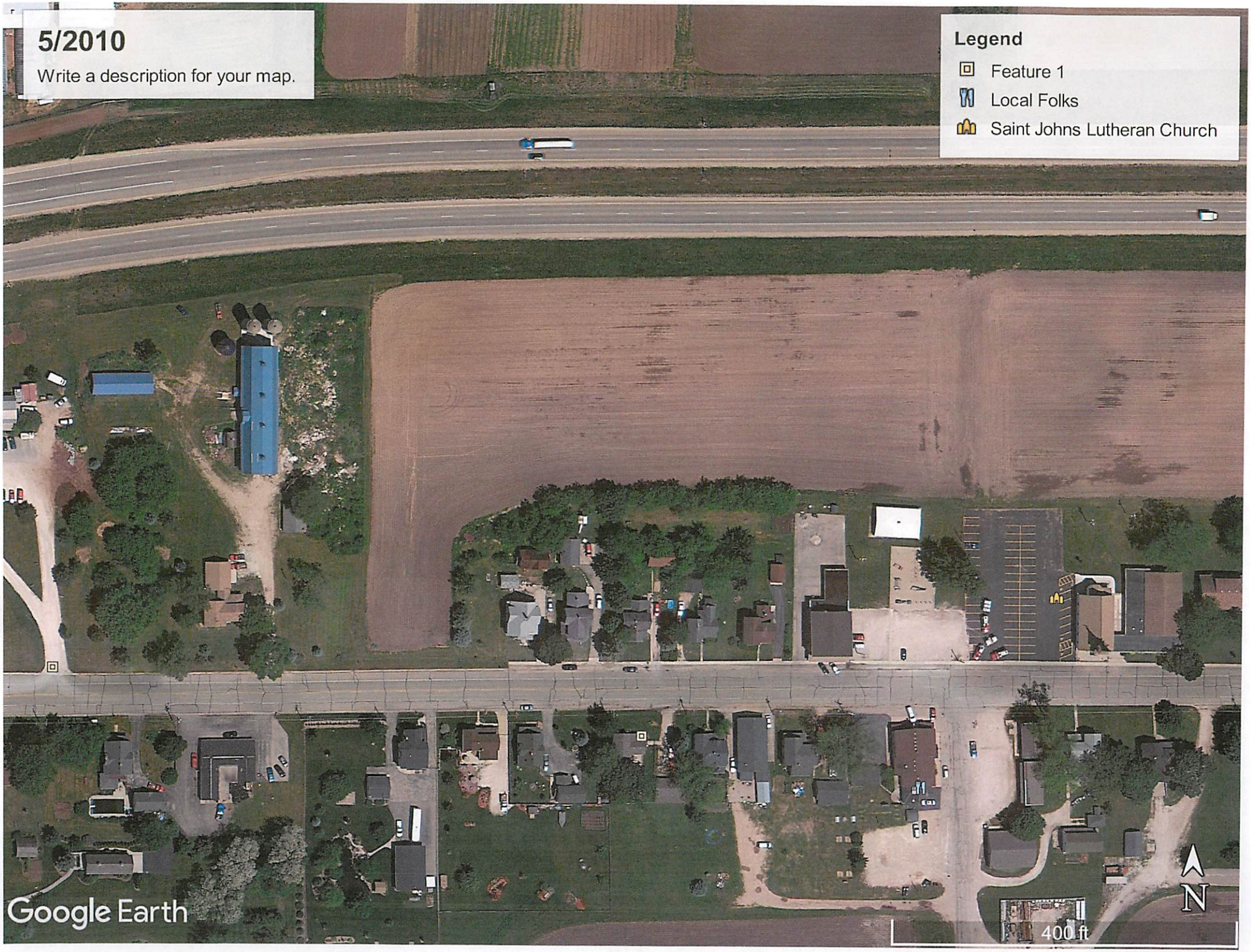
5/2010
Write a description for your map.
Legend
Feature 1
Local Folks
Saint Johns Lutheran Church
Google Earth
400 ft
N


10/2007
Write a description for your map.
Legend
Feature 1
Local Folks
Saint Johns Lutheran Church
Google Earth
400 ft
N


9/2006
Write a description for your map.
Legend
Feature 1
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Saint Johns Lutheran Church
Google Earth
Image USDA Farm Service Agency
N
400 ft


9/2005
Write a description for your map.
Legend
Feature 1
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Saint Johns Lutheran Church
Google Earth
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400 ft
N


3/2002
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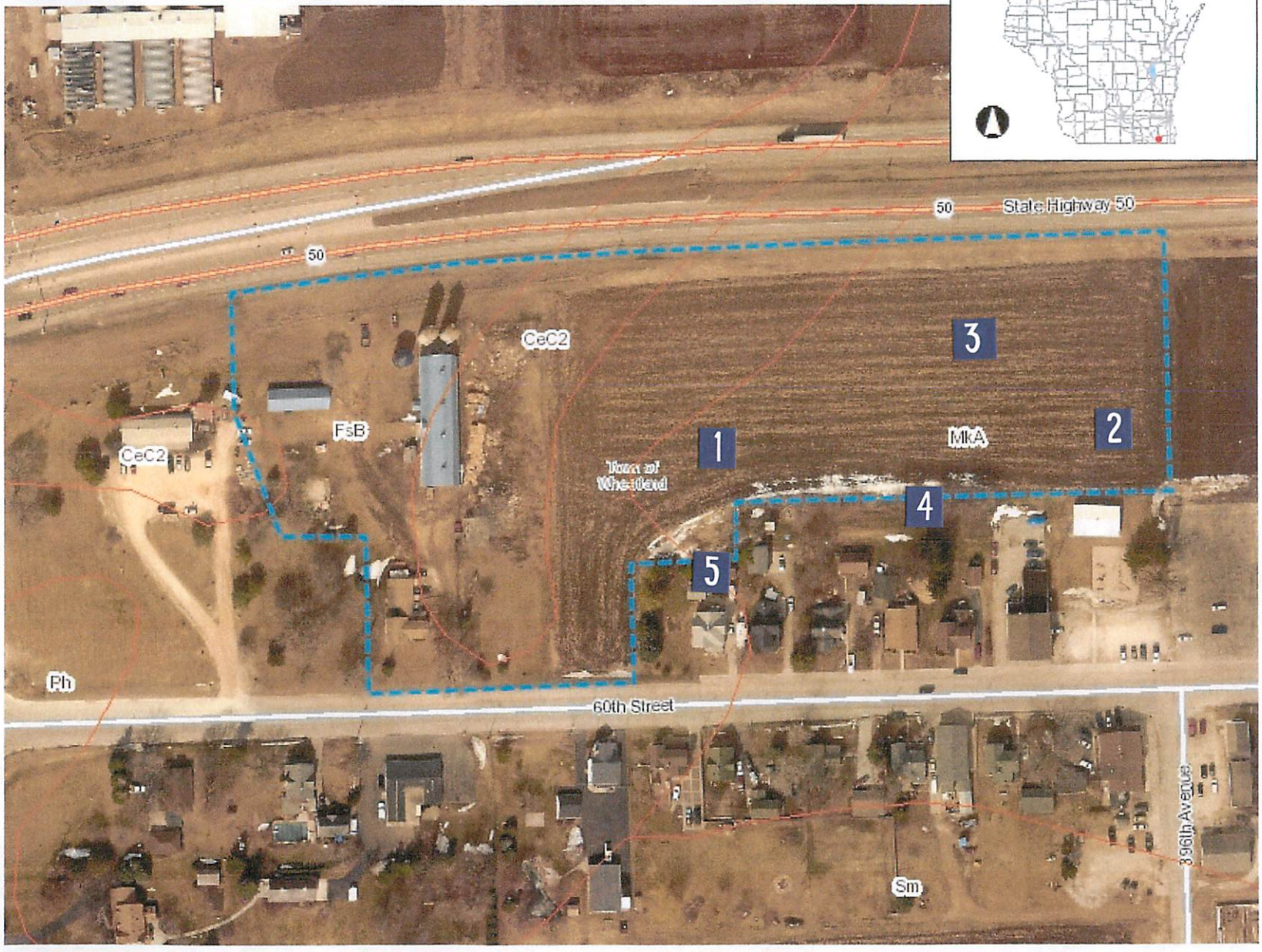
Feature 1
Local Folks
Saint Johns Lutheran Church
Google Earth
Image U.S. Geological Survey
400 ft
N

Surface Water Data Viewer Map



Legend

NRCS Wisconsin Soils

- Soil Mapping Unit
- Water

Index to EN_Image_Basemap_Leaf_Off

Notes

0.1 0 0.03 0.1 Miles

NAD_1983_HARN_Wisconsin_TM

1: 1,980