State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1027 W St Paul Ave
Milwaukee WI, WI, 53233

Tony Evers, Governor Karen Hyun, Ph.D., Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay - 711



5/6/2025

Tom Vils 10086 County Rd Y Mazomanie, WI 53560 WIC-SC-2025-13-00402

RE: Wetland Identification Report for Project Review Area, located in SE 1/4, SE 1/4, Section 22, Township 09 North, Range 06 E, Village of Mazomanie, Dane County

Dear Tom Vils:

On 4/24/2025, Kara Brooks conducted a wetland identification review at the above mentioned property. According to the request form you sent us, the reason for the wetland identification was to identify any wetlands located in the project area in which you are hoping to build a single family residence and also to evaluate the 75ft buffer from the home building site in order to ensure you are not impacting wetlands within the county enforced wetland setback area.

Approximate wetland boundaries were identified following 1987 Wetland Delineation Manual and applicable regional supplement guidelines. Wetlands are defined by the 1987 Wetland Delineation Manual as areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. If any wetland areas were detected, their approximate boundaries were sketched onto an aerial photograph (see attached map).

Methods used to detect the presence of wetlands within the project area involved on-site and off-site techniques, including a review of antecedent hydrologic conditions, recent aerial photography, Wisconsin Wetland Inventory (WWI) mapping, NRCS Soil Survey mapping, LiDAR and contour mapping, and on-site observations.

Based on the data analyzed for the off-site review, as well as the field conditions observed during the field review, **wetlands** are not located in the project review area. See enclosed mapping for review area.

Prior to conducting any activities in or around wetlands, we recommend you contact the appropriate staff from DNR Waterways Program, the U.S. Army Corps of Engineers, which may require a federal permit to work in wetlands, and relevant local government zoning authorities to ensure your project meets local floodplain and shoreland zoning ordinance requirements.

If you have any questions, please email me at kara.brooks@wisconsin.gov.

Sincerely,

Kara Brooks Wetland Identification Specialist

Enclosed: WNDR Wetland Identification Program Field Map

WWI Mapping

2-foot Contour Mapping

LiDAR Mapping

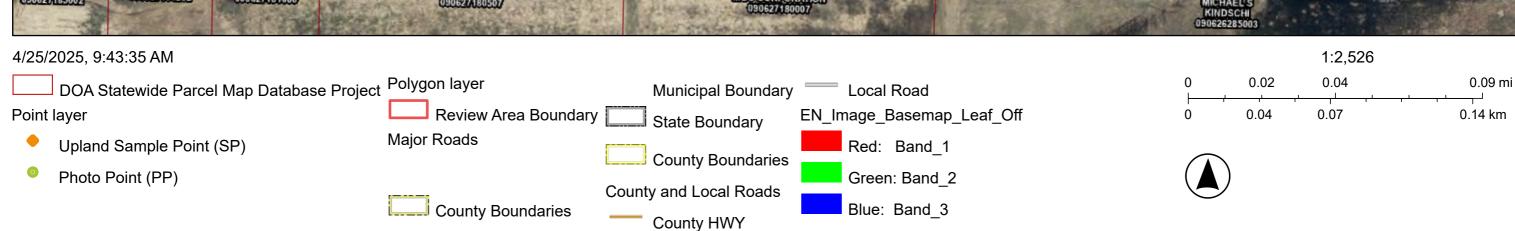
NRCS Hydric Soils and WDNR "Maximum Extent" Indicators

Representative Site Photographs

USACE Wetland Determination Data Forms

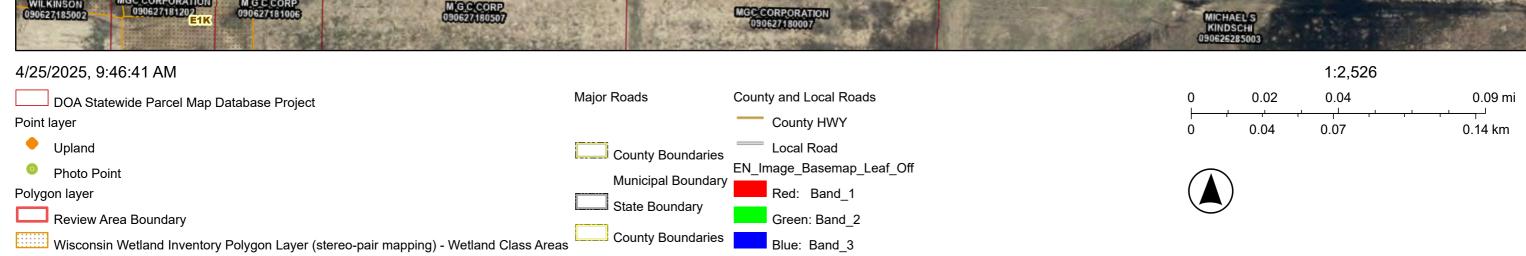
WDNR Wetland ID Program Field Map





Wisconsin Wetland Inventory





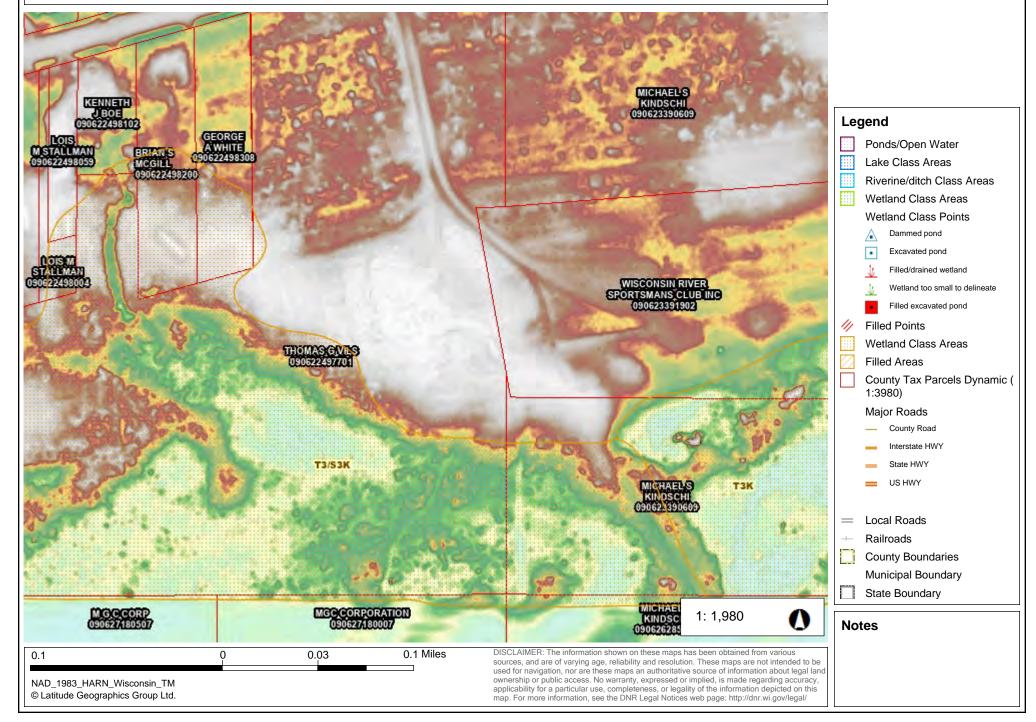
2-foot Contour Map



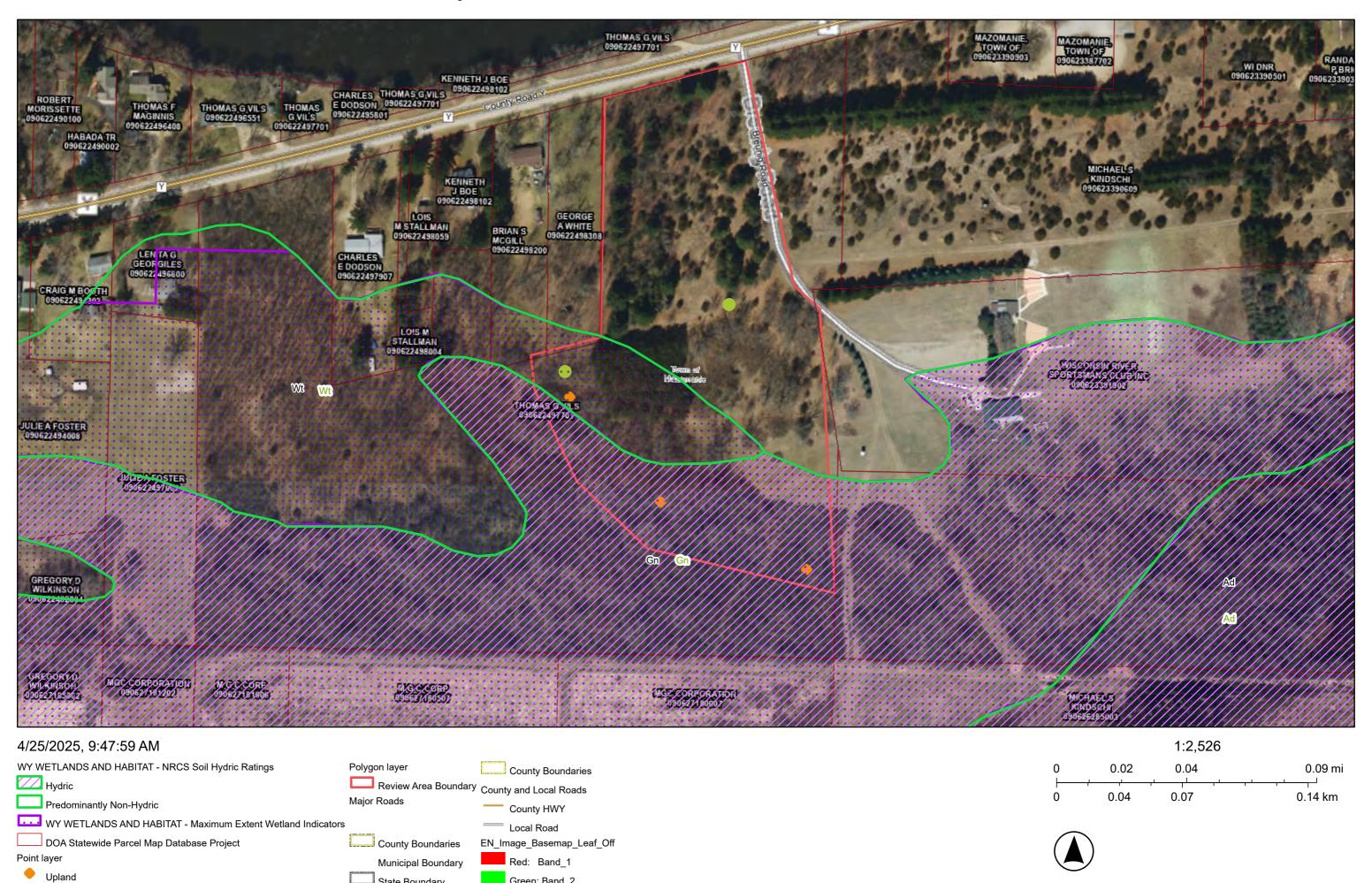




Wisconsin Wetland Inventory Viewer Map



Hydric Soil and Maximum Extent Indicators



State Boundary

Photo Point

Green: Band_2

Blue: Band 3

Tom Vils Property

Site Location

Mezomanie, Dane County

Project No. 2025-00402

Photo No.

Date

4/24/2025

Project Name

Description

1

Photo of Upland Sample Point #1. Photo facing north.



Photo No.

Date

2

4/24/2025

Description

Photo of Upland Sample Point #1. Photo facing east.



Project Name
Tom Vils Property

Site Location

Mezomanie, Dane County

Project No. 2025-00402

Photo No.

Date

4/24/2025

Description

Photo of Upland Sample Point #2. Photo facing northwest.



Photo No.

Date

4

4/24/2025

Description

Photo of Upland Sample Point #2. Photo facing northeast.





Photo No.

Date

6

4/24/2025

Description

Photo of Upland Sample Point #3. Photo facing west.



Project Name Tom Vils Property Site Location

Mezomanie, Dane County

Project No. 2025-00402

Photo No.

Date

4/24/2025

Description

7

Photo taken at Photo Point (PP) #1. Photo facing north.



Photo No.

Date

8

4/24/2025

Description

Photo taken at Photo Point (PP) #1. Photo facing east.



Project NameSite LocationProject No.Tom Vils PropertyMezomanie, Dane County2025-00402

Photo No. Date

9 4/24/2025

Description

Photo taken at Photo Point (PP) #2. Photo facing southeast.



Photo No. Date

10 4/24/2025

Description

Photo taken at Photo Point (PP) #2. Photo facing north.



U.S. Army Corps of Engineers

WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region

See ERDC/EL TR-12-1; the proponent agency is CECW-CO-R

OMB Control #: 0710-0024, Exp: 9/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)

Applicant/Owner: Tom Vills Scampling Point: 1 Annowsigator(s): WDNR-Kara Brooks Section, Township, Range: See Map Annowsigator(s): WDNR-Kara Brooks Section, Township, Range: See Map Annowsigator(s): WDNR-Kara Brooks Section, Township, Range: See Map Annowsigator(s): See Map Local relief (concave, convex, none): none Datum: Soli Map Unit Name: See Map Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation Soli Or Hydrology Significantly disturbed? Are "Normal Circumstances" present? Yes X No Are Vegetation Soli Or Hydrology Inaturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Is the Sampled Area within a Wetland? Yes No X If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.) Precipitation analysis is normal for this time of year. 30 days prior to site visit was wetter than normal. 60 & 90 days prior to site visiter were drier than normal. HYDROLOGY Wetland Hydrology Indicators: Secondary Indicators (minimum of two required) Primary Indicators (minimum of one is required; check all that apply) Surface Soli Cracks (B6) Surface Water (A1) Water-Stained Leaves (B9) Surface Water (A1) Water-Stained Leaves (B9) Moss Trim Lines (B16) Saturation (A3) Man Deposits (B15) Drainage Patterns (B10) Moss Trim Lines (B16) Drainage Patterns (B10) Agal Mat Oposits (B15) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation (A3) Agal Mat or Crust (B4) Recent Iron Reduction in Tilled Solis (C6) Feenore of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Solis (C6) Shallow Aquitard (D3) Microtopographic Relief (D4)
Andform (hillside, terrace, etc.): side slope
Andform (hillside, terrace, etc.): side slope
Subregion (LRR or MLRA): LRR K Lat: Long: Datum: Soil Map Unit Name: See Map Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Is the Sampled Area within a Wetland? Yes No X Wetland Hydrology Present? Yes No X If yes, optional Wetland Site ID: Remarks: (Explain alternative procedures here or in a separate report.) Precipitation analysis is normal for this time of year. 30 days prior to site visit was wetter than normal. 60 & 90 days prior to site visiter were drier than normal. HYDROLOGY Wetland Hydrology Indicators: Precipitation analysis is normal for this time of year. 30 days prior to site visit was wetter than normal. 60 & 90 days prior to site visiter were drier than normal. HYDROLOGY Wetland Hydrology Indicators: Secondary Indicators (minimum of two required) Primary Indicators (minimum of one is required; check all that apply) Surface Soil Cracks (B6) Surface Water (A1) Water-Stained Leaves (B9) Surface Soil Cracks (B6) Drainage Patterns (B10) High Water Table (A2) Aquatic Fauna (B13) Moss Trim Lines (B16) Saturation (A3) Water Marks (B1) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Aplad Mat or Crust (B4) Recent Iron Reductor (C7) Shallow Aquitard (D3)
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Iron Deposits (B5) Thin Muck Surface (C7) Shallow Aquitard (D3)
murdation visible on Aerial imagery (67)Other (Explain in Remarks)microtopographic Relief (54)
Sparsely Vegetated Concave Surface (B8) FAC-Neutral Test (D5)
Field Observations:
Surface Water Present? Yes No x Depth (inches): Water Table Present? Yes No x Depth (inches):
Saturation Present? Yes No x Depth (inches): Wetland Hydrology Present? Yes No X
(includes capillary fringe)
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
Remarks:
Remarks: Hydrology indicator were not present.

VEGETATION – Use scientific names of plants.

Dominance Test worksheet: V Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A) Total Number of Dominant Species Across All Strata: 8 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 37.5% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x1 = 0 FACW species 10 x2 = 20 FAC species 40 x3 = 120 FACU species 25 x4 = 100 UPL species 10 x5 = 50 Column Totals: 85 (A) 290 (B) Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)			
That Are OBL, FACW, or FAC: 3 (A) Total Number of Dominant Species Across All Strata: 8 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 37.5% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x1 = 0 FACW species 10 x2 = 20 FAC species 40 x3 = 120 FACU species 25 x4 = 100 UPL species 25 x4 = 100 UPL species 10 x5 = 50 Column Totals: 85 (A) 290 (B) Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting)			
Total Number of Dominant Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: 37.5% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 10 x 2 = 20 FAC species 40 x 3 = 120 FACU species 25 x 4 = 100 UPL species 10 x 5 = 50 Column Totals: 8 (B) Prevalence Index worksheet: A			
Species Across All Strata: 8 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 37.5% (A/B) Prevalence Index worksheet: Multiply by: OBL species 0 x 1 = 0 FACW species 10 x 2 = 20 FAC species 40 x 3 = 120 FACU species 25 x 4 = 100 UPL species 10 x 5 = 50 Column Totals: 85 (A) 290 (B) Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting)			
That Are OBL, FACW, or FAC: 37.5% (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x1 = 0 FACW species 10 x2 = 20 FAC species 40 x3 = 120 FACU species 25 x4 = 100 UPL species 10 x5 = 50 Column Totals: 85 (A) 290 (B) Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting)			
Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 10 x 2 = 20 FAC species 40 x 3 = 120 FACU species 25 x 4 = 100 UPL species 10 x 5 = 50 Column Totals: 85 (A) 290 (B) Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is \leq 3.01 4 - Morphological Adaptations (Provide supporting)			
OBL species 0 x 1 = 0 FACW species 10 x 2 = 20 FAC species 40 x 3 = 120 FACU species 25 x 4 = 100 UPL species 10 x 5 = 50 Column Totals: 85 (A) 290 (B) Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting)			
FACW species 10 \times 2 = 20 FAC species 40 \times 3 = 120 FACU species 25 \times 4 = 100 UPL species 10 \times 5 = 50 Column Totals: 85 (A) 290 (B) Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is \leq 3.01 4 - Morphological Adaptations (Provide supporting)			
FAC species 40 $\times 3 = 120$ FACU species 25 $\times 4 = 100$ UPL species 10 $\times 5 = 50$ Column Totals: 85 (A) 290 (B) Prevalence Index $= B/A = 3.41$ Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is $>50\%$ 3 - Prevalence Index is $\le 3.0^1$ 4 - Morphological Adaptations (Provide supporting)			
FACU species 25 x 4 = 100 UPL species 10 x 5 = 50 Column Totals: 85 (A) 290 (B) Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting)			
UPL species 10 x 5 = 50 Column Totals: 85 (A) 290 (B) Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting)			
Column Totals: 85 (A) 290 (B) Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting)			
Prevalence Index = B/A = 3.41 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting			
Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting			
1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting			
2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting			
3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting			
J 4 - Morphological Adaptations ¹ (Provide supporting			
data in Remarks or on a separate sheet)			
Problematic Hydrophytic Vegetation ¹ (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 or equal to 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?			

Sampling Point: 1

SOIL Sampling Point 1

Profile Descripe	ription: (Describe to Matrix	to the de	-	ument tl x Featur		ator or co	onfirm the absence of in	dicators.)		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks		
0-21	10YR 2/1	100					Loamy/Clayey	Coarse sandy loam		
21-28	10YR 5/3	100					Sandy	Coarse sand		
1Tyrna; C. Ca	neestration D Deal	otion DA	A Doduced Metrix N	AC Mas	lead Can	- Croine	² l continue DL D	oro Lining M Motrix		
Hydric Soil I	ncentration, D=Depl	etion, Riv	/I=Reduced Matrix, N	/IS=IVIAS	ked San	d Grains.		ore Lining, M=Matrix. roblematic Hydric Soils	3.	
Histosol (Dark Surface (S7)				A10) (LRR K, L, MLRA 1		
	ipedon (A2)		Polyvalue Belo		ce (S8) (LRR R,		Peat or Peat (S3) (LRR I	-	
Black Histic (A3)			MLRA 149B		() (,	Polyvalue Below Surface (S8) (LRR K, L)			
Hydrogen Sulfide (A4)			Thin Dark Surf	ace (S9)	(LRR R	, MLRA 1	149B) Thin Dark Surface (S9) (LRR K, L)			
Stratified Layers (A5)			High Chroma S			-	Iron-Mangar	ese Masses (F12) (LRR	K, L, R)	
Depleted Below Dark Surface (A11)			Loamy Mucky			R K, L)		oodplain Soils (F19) (MLF	-	
Thick Dark Surface (A12)			Loamy Gleyed		F2)			Material (F21) (outside M	LRA 145)	
Mesic Spodic (A17) (MLRA 144A, 145, 149B)			Depleted Matri		· (c)			Dark Surface (F22) in in Remarks)		
-	osulfide (A18)		Redox Dark Su Depleted Dark				Other (Expla	iii iii Remarks)		
	ucky Mineral (S1)		Redox Depres							
	eyed Matrix (S4)		Marl (F10) (LR	,	-,		³ Indicators	of hydrophytic vegetation	n and	
Sandy Redox (S5)			Red Parent Ma		21) (ML i	RA 145)		hydrology must be prese		
Stripped Matrix (S6)							unless	listurbed or problematic.		
Restrictive L	ayer (if observed):									
Type:										
Depth (in	ches):						Hydric Soil Present?	Yes No	X	
Remarks:										

U.S. Army Corps of Engineers

WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region

See ERDC/EL TR-12-1; the proponent agency is CECW-CO-R

OMB Control #: 0710-0024, Exp: 9/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)

Project/Site: Tom Vils Property	1	City/County: Village o	f Mazomanie, Dane	Sampling Date: 4/24/2025
Applicant/Owner: Tom Vils			State: WI	Sampling Point: 2
Investigator(s): WDNR- Kara Brooks		Section, Tow	nship, Range: See Map	
Landform (hillside, terrace, etc.): side slop	e Local re		x, none): none	
Subregion (LRR or MLRA): LRR K		Long:		
· · · · · · · · · · · · · · · · · · ·	Lat.	Long.	NWI classification:	-
Soil Map Unit Name: See Map				<u> </u>
Are climatic / hydrologic conditions on the sit		Yes x		explain in Remarks.)
Are Vegetation, Soil, or Hydro	ologysignificantly disturb	ed? Are "Norm	al Circumstances" prese	nt? Yes x No No
Are Vegetation, Soil, or Hydro	ologynaturally problemat	tic? (If needed,	explain any answers in	Remarks.)
SUMMARY OF FINDINGS – Attach	site map showing sam	pling point locat	ions, transects, im	portant features, etc.
Hydrophytic Vegetation Present?	Yes No X	Is the Sampled Are	ea	
Hydric Soil Present?	Yes No X	within a Wetland?		No X
Wetland Hydrology Present?	Yes No X	If yes, optional Wet		
Remarks: (Explain alternative procedures h Precipitation analysis is normal for this time normal.	,	it was wetter than nor	mal. 60 & 90 days prior	to site visiter were drier than
HYDROLOGY				
Wetland Hydrology Indicators:			Secondary Indicators (m	ninimum of two required)
Primary Indicators (minimum of one is requi	red; check all that apply)		Surface Soil Cracks	(B6)
Surface Water (A1)	Water-Stained Leaves (B	9)	Drainage Patterns (I	
High Water Table (A2)	Aquatic Fauna (B13)	-	Moss Trim Lines (B	
Saturation (A3)	Marl Deposits (B15)	-	Dry-Season Water	
Water Marks (B1)	Hydrogen Sulfide Odor (C	•	Crayfish Burrows (C	,
Sediment Deposits (B2)	Oxidized Rhizospheres or			n Aerial Imagery (C9)
Drift Deposits (B3)	Presence of Reduced Iron		Stunted or Stressed	
Algal Mat or Crust (B4)	Recent Iron Reduction in	Tilled Soils (C6)	Geomorphic Positio	
Iron Deposits (B5)	Thin Muck Surface (C7)	>	Shallow Aquitard (D	· ·
Inundation Visible on Aerial Imagery (B		(S)	Microtopographic Re	
Sparsely Vegetated Concave Surface (I	38)		FAC-Neutral Test (D)5)
Field Observations:				
Surface Water Present? Yes	No x Depth (inches):			
Water Table Present? Yes Saturation Present? Yes			I Hydrology Present?	Van Na V
Saturation Present? Yes (includes capillary fringe)	No x Depth (inches):	wetiand	nydrology Present?	Yes No _X_
Describe Recorded Data (stream gauge, mo	onitoring well, aerial photos, pre	vious inspections) if a	available:	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Remarks:				
Hydrology indicator were not present.				

VEGETATION – Use scientific names of plants. Sampling Point:

Tree Stratum (Plot size: 30' Radius)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
rhamnus cathartica	15	Yes	FAC	Number of Dominant Species
2				That Are OBL, FACW, or FAC: 2 (A)
3				Total Number of Dominant
4				Species Across All Strata: 4 (B)
5				Percent of Dominant Species
6				That Are OBL, FACW, or FAC: 50.0% (A/B)
7		. <u></u>		Prevalence Index worksheet:
	15	=Total Cover		Total % Cover of: Multiply by:
Sapling/Shrub Stratum (Plot size: 15' Radius)				OBL species 0 x 1 = 0
1. Lonicera tatarica	15	Yes	FACU	FACW species 5 x 2 = 10
2. rhamnus cathartica	7	Yes	FAC	FAC species 22 x 3 = 66
3				FACU species 45 x 4 = 180
4				UPL species 0 x 5 = 0
5		. <u></u>		Column Totals: 72 (A) 256 (B)
6		. <u></u>		Prevalence Index = B/A = 3.56
7		. <u></u>		Hydrophytic Vegetation Indicators:
	22	=Total Cover		1 - Rapid Test for Hydrophytic Vegetation
Herb Stratum (Plot size: 5' Radius)				2 - Dominance Test is >50%
1. Alliaria petiolata	25	Yes	FACU	3 - Prevalence Index is ≤3.0 ¹
2. Lonicera tatarica	5	No	FACU	4 - Morphological Adaptations (Provide supporting
3. Laportea canadensis	5	No	FACW	data in Remarks or on a separate sheet)
4				Problematic Hydrophytic Vegetation ¹ (Explain)
5				¹ Indicators of hydric soil and wetland hydrology must
6.				be present, unless disturbed or problematic.
7.				Definitions of Vegetation Strata:
8.				Tree – Woody plants 3 in. (7.6 cm) or more in
9.				diameter at breast height (DBH), regardless of height.
10.				Sapling/shrub – Woody plants less than 3 in. DBH
11				and greater than or equal to 3.28 ft (1 m) tall.
12.				Herb – All herbaceous (non-woody) plants, regardless
	35	=Total Cover		of size, and woody plants less than 3.28 ft tall.
Woody Vine Stratum (Plot size: 30' Radius)				Woody vines – All woody vines greater than 3.28 ft in
1				height.
2				
3.				Hydrophytic Vegetation
4.				Present? Yes No X
		=Total Cover		
Remarks: (Include photo numbers here or on a separa	ate sheet.)			•
20% cover of dead Fraxinus Penn				

SOIL Sampling Point 2

		to the de				ator or c	onfirm the absence of in	dicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	x Featur %	res Type ¹	Loc ²	Texture	Remar	·ke		
			Color (moist)	70	туре	LOC					
0-21	10YR 2/1	100					Loamy/Clayey	Coarse sand	dy loam		
21-28	10YR 5/3	100					Sandy	Coarse s	sand		
¹Type: C=Cor	ncentration, D=Depl	etion RM	-Reduced Matrix M	MS-Mas	ked Sand	d Grains	² l ocation: Pl =	Pore Lining, M=Ma	trix		
Hydric Soil In		otion, rtiv	=readoca Matrix, 1	vio-iviao	Roa Garie	oranio.		Problematic Hydri			
Histosol (A			Dark Surface ((S7)				(A10) (LRR K, L, I			
	pedon (A2)		Polyvalue Beld		ce (S8) (I	LRR R,		Peat or Peat (S3)			
Black Histic (A3) MLRA 149E				B)			Polyvalue B	elow Surface (S8)	(LRR K, L)		
			Thin Dark Surf				Thin Dark Surface (S9) (LRR K, L)				
Stratified Layers (A5)			High Chroma			-		nese Masses (F12			
Depleted Below Dark Surface (A11)			Loamy Mucky			R K, L)	Piedmont Floodplain Soils (F19) (MLRA 1 Red Parent Material (F21) (outside MLRA				
	k Surface (A12)		Loamy Gleyed		F2)				-		
Mesic Spo	144A, 145, 149B)		Depleted Matr Redox Dark S		-c)			w Dark Surface (F <i>:</i> ain in Remarks)	22)		
-	sulfide (A18)		Depleted Dark				Other (Expire	alli ili Kelliaiks)			
	cky Mineral (S1)		Redox Depres								
	eyed Matrix (S4)		Marl (F10) (LR		-,		³ Indicator	s of hydrophytic ve	egetation and		
Sandy Re			Red Parent Ma		21) (MLF	RA 145)		I hydrology must b			
Stripped N	/latrix (S6)						unless	disturbed or proble	ematic.		
Restrictive La	yer (if observed):										
Type:											
Depth (inc	hes):						Hydric Soil Present?	Yes	No X		
Remarks:											

U.S. Army Corps of Engineers

WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region

See ERDC/EL TR-12-1; the proponent agency is CECW-CO-R

OMB Control #: 0710-0024, Exp: 9/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)

State: WI Sampling Point: 3
Section, Township, Range: See Map
relief (concave, convex, none): none Slope %: 3-6
Long: Datum:
NWI classification: See Map
Yes x No (If no, explain in Remarks.)
bed? Are "Normal Circumstances" present? Yes x No
atic? (If needed, explain any answers in Remarks.)
pling point locations, transects, important features, etc.
Is the Sampled Area
within a Wetland? Yes No X
If yes, optional Wetland Site ID:
sit was wetter than normal. 60 & 90 days prior to site visiter were drier than
Secondary Indicators (minimum of two required)
Surface Soil Cracks (B6)
Drainage Patterns (B10)
Moss Trim Lines (B16)
Dry-Season Water Table (C2)
C1) Crayfish Burrows (C8)
on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
on (C4) Stunted or Stressed Plants (D1)
Tilled Soils (C6) Geomorphic Position (D2)
Shallow Aquitard (D3)
ks)Microtopographic Relief (D4)
ks) Microtopographic Relief (D4) FAC-Neutral Test (D5)
FAC-Neutral Test (D5)
FAC-Neutral Test (D5)
FAC-Neutral Test (D5)
FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No X
FAC-Neutral Test (D5)
FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No X
FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No X
FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No X
FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No X
FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No X
FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No X
FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No X
FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No X

VEGETATION – Use scientific names of plants.

VEGETATION – Use scientific names of pl	ants.			Sampling Point: 3
<u>Tree Stratum</u> (Plot size: 30' Radius)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. Fraxinus pennsylvanica	10	Yes	FACW	Number of Dominant Species
2. Acer saccharum	5	Yes	FACU	That Are OBL, FACW, or FAC: 3 (A)
3.				Total Number of Dominant
4.				Species Across All Strata: 6 (B)
5.				Descrit of Descinant County
6.				Percent of Dominant Species That Are OBL, FACW, or FAC: 50.0% (A/B)
7.				Prevalence Index worksheet:
	15	=Total Cover		Total % Cover of: Multiply by:
Sapling/Shrub Stratum (Plot size: 15' Radius)		•		OBL species 0 x 1 = 0
Lonicera tatarica	10	Yes	FACU	FACW species 13 x 2 = 26
rhamnus cathartica	10	Yes	FAC	FAC species 25 x 3 = 75
3.				FACU species 60 x 4 = 240
4.				UPL species 5 $\times 5 = 25$
5.				Column Totals: 103 (A) 366 (B)
6				Prevalence Index = B/A = 3.55
7				Hydrophytic Vegetation Indicators:
7.	20	=Total Cover		1 - Rapid Test for Hydrophytic Vegetation
Herb Stratum (Plot size: 5' Radius)		_ Total Gover		2 - Dominance Test is >50%
Glechoma hederacea	30	Yes	FACU	3 - Prevalence Index is ≤3.0 ¹
Rubus idaeus	15	Yes	FAC	4 - Morphological Adaptations ¹ (Provide supportin
Alliaria petiolata	10	No	FACU	data in Remarks or on a separate sheet)
4. Acer saccharum	5	No	FACU	Problematic Hydrophytic Vegetation ¹ (Explain)
	5	No	UPL	
	3	No	FACW	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
'		. INO	TACW	
7 8.				Definitions of Vegetation Strata:
0				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
· -				diameter at breast neight (DBH), regardless of neight.
10.				Sapling/shrub – Woody plants less than 3 in. DBH
11.		. ——		and greater than or equal to 3.28 ft (1 m) tall.
12		. 		Herb – All herbaceous (non-woody) plants, regardless
Washalina Olashara (Districts 201 Dadius)	68	=Total Cover		of size, and woody plants less than 3.28 ft tall.
Woody Vine Stratum (Plot size: 30' Radius)				Woody vines – All woody vines greater than 3.28 ft in
1.				height.
2.				Hydrophytic
3.				Vegetation
4		·		Present? Yes No X
		=Total Cover		
Remarks: (Include photo numbers here or on a sepa 20% cover of dead Fraxinus Penn	arate sheet.)			
20% cover of dead Fraxillus Feriii				

SOIL Sampling Point 3

	•	to the de				ator or c	onfirm the absence of ind	cators.)		
Depth (inches)	Matrix	%		x Featur		Loc ²	Toyturo	Domorko		
(inches)	Color (moist)		Color (moist)		Type	LOC	Texture	Remarks		
0-26	10YR 2/1	100					Loamy/Clayey	Loamy sand		
26-36	10YR 5/3	100					Sandy	Sand		
¹ Type: C=Co	ncentration, D=Depl	etion, RM	l=Reduced Matrix, N	MS=Mas	ked Sand	Grains.	² Location: PL=Po	re Lining, M=Matrix.		
Hydric Soil I								oblematic Hydric Soils ³ :		
Histosol ((A1)		Dark Surface (10) (LRR K, L, MLRA 149B)		
	ipedon (A2)		Polyvalue Belo		ce (S8) (I	LRR R,		eat or Peat (S3) (LRR K, L,	R)	
Black Histic (A3)			MLRA 149B	•	\		Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L)			
Hydrogen Sulfide (A4) Stratified Layers (A5)			Thin Dark Surf				Iron-Manganese Masses (F12) (LRR K, L,			
Depleted Below Dark Surface (A11)			Loamy Mucky			-	Piedmont Floodplain Soils (F19) (MLRA 14			
Thick Dark Surface (A12)			Loamy Gleyed			(I(, L)	Red Parent Material (F21) (outside MLRA			
Mesic Spodic (A17)			Depleted Matri		,			Dark Surface (F22)	,	
(MLRA	A 144A, 145, 149B)		Redox Dark St	urface (F	- 6)		Other (Explain	n in Remarks)		
	osulfide (A18)		Depleted Dark							
	ucky Mineral (S1)		Redox Depres		8)		3			
	leyed Matrix (S4)		Marl (F10) (LR		(04) (84) F	NA 445\		of hydrophytic vegetation and	d	
Sandy Redox (S5) Stripped Matrix (S6)		Red Parent Ma	ateriai (F	21) (IVILE	(A 145)		ydrology must be present, sturbed or problematic.			
							dilicoo di	starbea or problematio.		
Type:	.ayer (if observed):									
Depth (in	ches):						Hydric Soil Present?	Yes No_X		
Remarks:	· -						-			