Minnesota Wetland Conservation Act
NOTICE OF APPLICATION

Date this Notice was sent:	**5/18/2026**
Date Complete Application received:	**5/6/2026**
Local Government Unit:	**City of Independence**
County:	**Hennepin**
Applicant and (if applicable) Applicant's Representative:	**Applicant: Dale Dingman, Dingman Custom Homes** **Applicant Representative: Kat Dickerson, Kjolhaug**
Project Name/Number:	**6231 CR 11** **IN401-26-01**
Type of Application (check all that apply): **Note:** If a complete boundary/type application (i.e. delineation report) is submitted with another type of application, then check both application types.	☒ Boundary/Type ☐ Sequencing (submitted separately from a replacement plan) ☐ Replacement Plan ☐ Bank Plan ☐ Exemption Identify which exemption by Rule or Statute Citation ☐ No-Loss Identify which provision by Rule or Statute Citation: **[insert]**
For Replacement Plan Applications Only:	Proposed wetland impacts requiring replacement (acres): **[insert]** Type of wetland replacement proposed (check all that apply): ☐ Project-Specific. Number of Credits: **[insert]** ☐ Banking. Number of Credits by Bank Account #: **[insert]**
Application Materials (check one):	☒ Attached ☐ Other (ftp or other accessible file sharing site): **[insert]**
Comments on this Application must be received by (date): **Note:** For replacement plan, sequencing, bank plan, and boundary/type applications, the comment period must be at least 15 business days from the date the notice of application is sent.	**6/8/2026**
Where to send comments:	Name: **Nikki McDermond-Spies** Address: **3601 Thurston Ave, Anoka, MN 55303** Email: **NikkiM@haa-inc.com**
Decision-Maker on this Application (check one):	☒ Staff ☐ Board/Council ☐ Other. Specify: **[insert]**

	Specify anticipated decision date if known: **[insert]**

Notice Distribution

Notice Recipients (check all that apply):	☒ SWCD TEP Member (if different from LGU): **Stacey Lijewski, stacey.lijewski@hennepin.us** ☒ BWSR TEP Member: **Jed Chesnut, jed.chesnut@state.mn.us** ☒ DNR Representative: **Ryan Toot, ryan.toot@state.mn.us** ☒ Watershed District or WMO (if applicable): **Andrew Vistad, andrewv@haa-inc.com** ☐ bank.administrator.bwsr@state.mn.us (Bank Plan Applications Only) ☐ Applicant: **[insert]** ☒ Applicant's Representative (if applicable): **kat@kjolhaugenv.com** ☐ Members of the Public Requesting Notices (if applicable): **[insert]** ☐ Others: **[insert]**

LGU Representative Name & Signature:	**Nikki McDermond-Spies** 

6231 County Road 11

Independence, Hennepin County, Minnesota

Wetland Delineation Report

Prepared for

Dingman Custom Homes.

by

Kjolhaug Environmental Services, LLC.
(KES #2026-068)

May 4th, 2025

6231 County Road 11

Independence, Hennepin County, Minnesota

Wetland Delineation Report

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Independence, Hennepin County, Minnesota

Wetland Delineation Report

1. WETLAND DELINEATION SUMMARY

- The 9.58-acre 6231 County Road 11 site was inspected on April 22nd, 2026 for the presence and extent of wetland.
- The National Wetlands Inventory (NWI) map shows one PEM1Af wetland within the site boundary and extending offsite to the west, and a PABH/PEM1C/A wetland complex within the site boundary and extending offsite to the east.
- The soil survey shows Houghton muck and Glencoe clay loam as mapped hydric soil map units within the site boundary.
- The DNR Public Waters Inventory did not identify any Public Waters, Wetlands, or Watercourses within 1,000 feet of the site boundary.
- The National Hydrography Dataset showed one Lake Pond surface water feature within the site and continuing offsite to the east.
- Two (2) wetlands were delineated onsite as summarized in Table 1.

Table 1. Wetlands delineated on the 6231 County Road 11 site.

Wetland ID	Wetland Type				Dominant Vegetation	Onsite Area
	Circular 39	Cowardin	Eggers and Reed	HGM Class		
WL 1	Type 4/3/1/6	PABG/PEM1C/A /PSS1B	Deep and shallow marsh with a seasonally flooded fringe and scrub shrub.	Depression	Narrowleaf cattail, duckweed, reed canary grass, sandbar willow	0.91 ac.
WL 2	Type 2	PEM1A	Wet meadow	Depression	Reed Canary grass	3.78 ac

2. OVERVIEW

The 9.58-acre 6231 County Road 11 site was inspected on April 22nd, 2026,~~.~~ for the presence and extent of wetland. The site was located in Section 11, Township 118 North, Range 24 West, Independence, Hennepin County, Minnesota. The site was located about 2 miles west of Loretto MN, and west of the intersection of County Road 11 and Lake Sarah Drive (Figure 1). The property corresponded to Hennepin County PID 1111824220007 (6231 County Road 11; 9.58 acres).

The property consisted of meadow, wooded areas, and wetland. The meadow consisted of smooth brome, clover, and scattered red cedar saplings. The wooded area was dominated by buckthorn and box elder. Topography was generally hilly, with the highest elevation at 1004 ft MSL by the neighboring homestead in the northwest part and sloping downhill toward the east (974 ft MSL).

Two (2) wetlands were delineated within the site boundaries. The delineated wetland boundaries and existing conditions are shown on Figure 2.

Appendix A of this report includes a Joint Application Form for Activities Affecting Water Resources in Minnesota, which is submitted in a request for a wetland boundary and type concurrence approval from the City of Independence under the Minnesota Wetland Conservation Act (WCA).

3. METHODS

3.1 Wetland Delineation

Wetlands were identified using the Routine Determination method described in the Corps of Engineers Wetlands Delineation Manual (Waterways Experiment Station, 1987) and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0) as required under Section 404 of the Clean Water Act and the Minnesota Wetland Conservation Act.

Wetland boundaries were identified as the upper-most extent of wetland that met criteria for hydric soils, hydrophytic vegetation, and wetland hydrology. The wetland-upland boundaries were marked with pin flags and located with a handheld GPS unit capable of sub-meter accuracy.

Soils, vegetation, and hydrology were documented at a representative location along the wetland-upland boundary. Plant species dominance was estimated based on the percent aerial or basal coverage visually estimated within a 30-foot radius for trees and vines, a 15-foot radius for the shrub layer, and a 5-foot radius for the herbaceous layer within the community type sampled.

Soils were characterized to a minimum depth of 24 inches (unless otherwise noted) using a Munsell Soil Color Book and standard soil texturing methodology. Hydric soil indicators used are from Field Indicators of Hydric Soils in the United States (USDA Natural Resources Conservation

Service (NRCS) in cooperation with the National Technical Committee for Hydric Soils, Version 9.2, 2025).

Mapped soils are separated into five classes based on the composition of hydric components and the Hydric Rating by Map Unit color classes utilized on Web Soil Survey. The five classes include Hydric (100 percent hydric components), Predominantly Hydric (66 to 99 percent hydric components), Partially Hydric (33 to 65 percent hydric components), Predominantly Non-Hydric (1 to 32 percent hydric components), and Non-Hydric (less than one percent hydric components).

Plants were identified using standard regional plant keys. Taxonomy and indicator status of plant species were taken from the 2022 National Wetland Plant List (U.S. Army Corps of Engineers 2023. National Wetland Plant List, version 3.6, Engineer Research and Development Center, Cold Regions Research and Engineering Laboratory, Hanover, NH).

4. RESULTS

4.1 Review of NWI, Soils, Public Waters, and NHD Information

The National Wetlands Inventory (NWI) (Minnesota Geospatial Commons and Minnesota Department of Natural Resources 2019) shows one PEM1Af wetland within the site boundary and extending offsite to the west, and a PABH/PEM1C/A wetland complex within the site boundary and extending offsite to the east (Figure 3).

The Soil Survey (USDA NRCS SSURGO 2024) shows Houghton muck and Glencoe clay loam as mapped hydric soil map units within the site. Soils mapped within the site are listed in Table 2 and depicted in Figure 4.

Table 2. Soil map units on the 6231 County Road 11 site.

Symbol	Soil Name	Acres	% of Area	% Hydric	Hydric Category
L14A	Houghton muck, 0 to 1 percent slopes	1.2	12.90%	100	Hydric
L24A	Glencoe clay loam, 0 to 1 percent slopes	3.1	31.90%	100	Hydric
L36A	Hamel, overwash-Hamel complex, 0 to 3 percent slopes	1.4	14.80%	45	Partially Hydric
L40B	Angus-Kilkenny complex, 2 to 6 percent slopes	0.4	4.30%	5	Predominately Non Hydric
L41C2	Lester-Kilkenny complex, 6 to 10 percent slopes, moderately eroded	0.5	5.30%	5	Predominately Non Hydric
L41D2	Lester-Kilkenny complex, 10 to 16 percent slopes, moderately eroded	3	30.80%	5	Predominately Non Hydric

The Minnesota DNR Public Waters Inventory (Minnesota Department of Natural Resources 2025) did not identify any Public Waters, Wetlands, or Watercourses within 1,000 feet of the site boundaries (Figure 5).

The National Hydrography Dataset (U.S. Geological Survey 2023) showed one Lake Pond surface water feature within the site and continuing offsite to the east (Figure 6).

4.2 Wetland Determinations and Delineations

Potential wetlands were evaluated during field observations on April 22nd, 2026. Two (2) wetlands were identified and delineated on the property (Figure 2). Corresponding data forms are included in Appendix B. The following description of the wetland and its adjacent upland reflects conditions observed at the time of the field visit. At that time, the vegetation was starting to grow, and trees had started to leaf out. Precipitation conditions were normal (typical) based on the U.S Army Corps of Engineers Antecedent Precipitation Tool three-month weighted average, and drier than the average range based on the USACE APT 30-day rolling total (Appendix C).

Wetland 1 was a Type 4/3/1/6 (PABG/PEM1C/A /PSS1B) deep and shallow marsh with a seasonally flooded fringe and one northwestern portion that was scrub shrub. The marsh and fringe were dominated by narrow-leaved cattail, reed canary grass, and minor duckweed, while the scrub shrub was dominated by sandbar willow, black willow trees, and common buckthorn.

The adjacent upland was dominated by common buckthorn or smooth brome and Kentucky blue grass, with lesser amounts of box elder trees, Siberian elm saplings, and red cedar saplings.

The wetland boundary corresponded with the transition from an upland to a hydrophytic plant community. Water appeared to flow from County Road 11, through the scrub shrub portion, and downhill into the marsh. There was free water approximately 6 inches below the soil surface within the scrub-shrub area. Wetland 1 was identified as a PABH/PEM1C/PEM1A wetland complex on the NWI map and was located within a mapped hydric soil unit (Glencoe clay loam) on the soil survey. Wetland 1 continued off-site to the east.

Wetland 2 was a Type 2 (PEM1A) wet meadow wetland dominated by reed canary grass with scattered lake sedges present.

The adjacent upland was dominated by reed canary grass with raspberry, motherwort, garlic mustard, and white avens. Boxelder and American elm were present in the wooded areas.

The wetland boundaries corresponded to an elevation change and the transition from an upland to a hydrophytic plant community. Wetland 2 was identified as a PEM1Af wetland on the NWI map and was located within mapped hydric soil units (Houghton muck and Glencoe clay loam) on the soil survey. Wetland 2 continued off-site to the west and south.

4.3 Other Areas

No other depressional areas with hydrophytic vegetation or wetland hydrology were observed on the site. No other areas were shown as hydric soil on the soil survey or as wetland on the NWI map.

4.4 Request for Wetland Boundary and Jurisdictional Determination

Appendix A of this report includes a Joint Application Form for Activities Affecting Water Resources in Minnesota, which is submitted in a request for a wetland boundary and type concurrence approval from the City of Independence under the Minnesota Wetland Conservation Act (WCA).

5. CERTIFICATION OF DELINEATION

The procedures utilized in the described delineation are based on the U.S. Army Corps of Engineers 1987 Wetlands Delineation Manual as required under Section 404 of the Clean Water Act and the Minnesota Wetland Conservation Act. This wetland delineation and report were prepared in compliance with the regulatory standards in place at the time the work was performed.

Site boundaries indicated on figures within this report are approximate and do not constitute an official survey product.

Delineation completed by: Kat Dickerson, Wetland/Ecologist
Minnesota Certified Wetland Professional No. 1477

Report prepared by: Kat Dickerson, Wetland/Ecologist
Minnesota Certified Wetland Professional No. 1477

Report reviewed by: _____ Date: May 1, 2026

Kelly Kunst, Professional Wetland Scientist No. 1757
Minnesota Certified Wetland Professional No. 1114

6231 County Road 11, Independence

Wetland Delineation Report

FIGURES

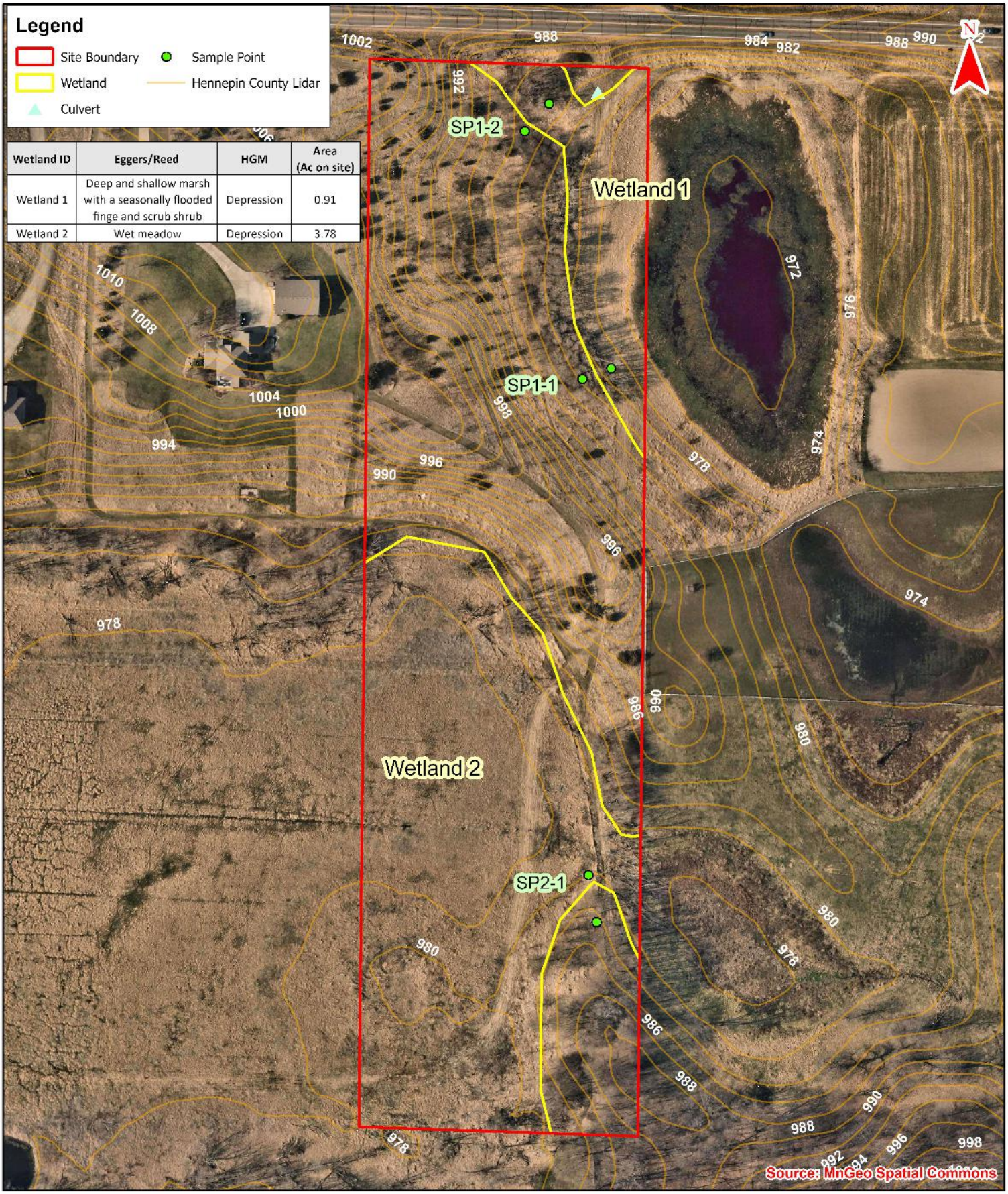
KJOLHAUG ENVIRONMENTAL
An MNL Company

0 2,000 Feet

Figure 1 - Site Location

6231 County Road 11 (KES 2026-068)
Independence, Hennepin, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.



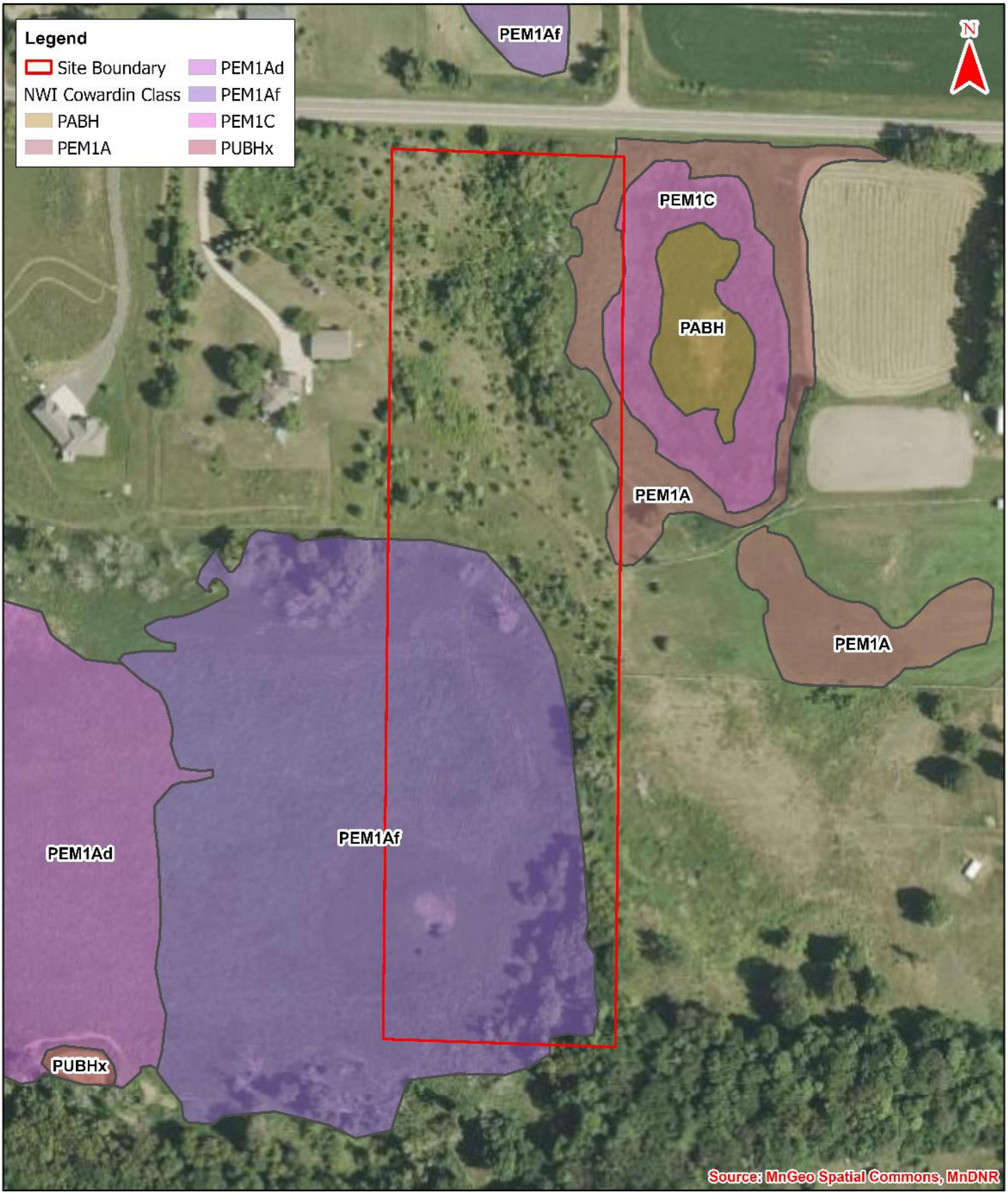
KJOLHAUG ENVIRONMENTAL
An MNL Company

0 200 Feet

Figure 2 - Existing Conditions (2022, Hennepin County)

6231 County Road 11 (KES 2026-068)
Independence, Hennepin, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.



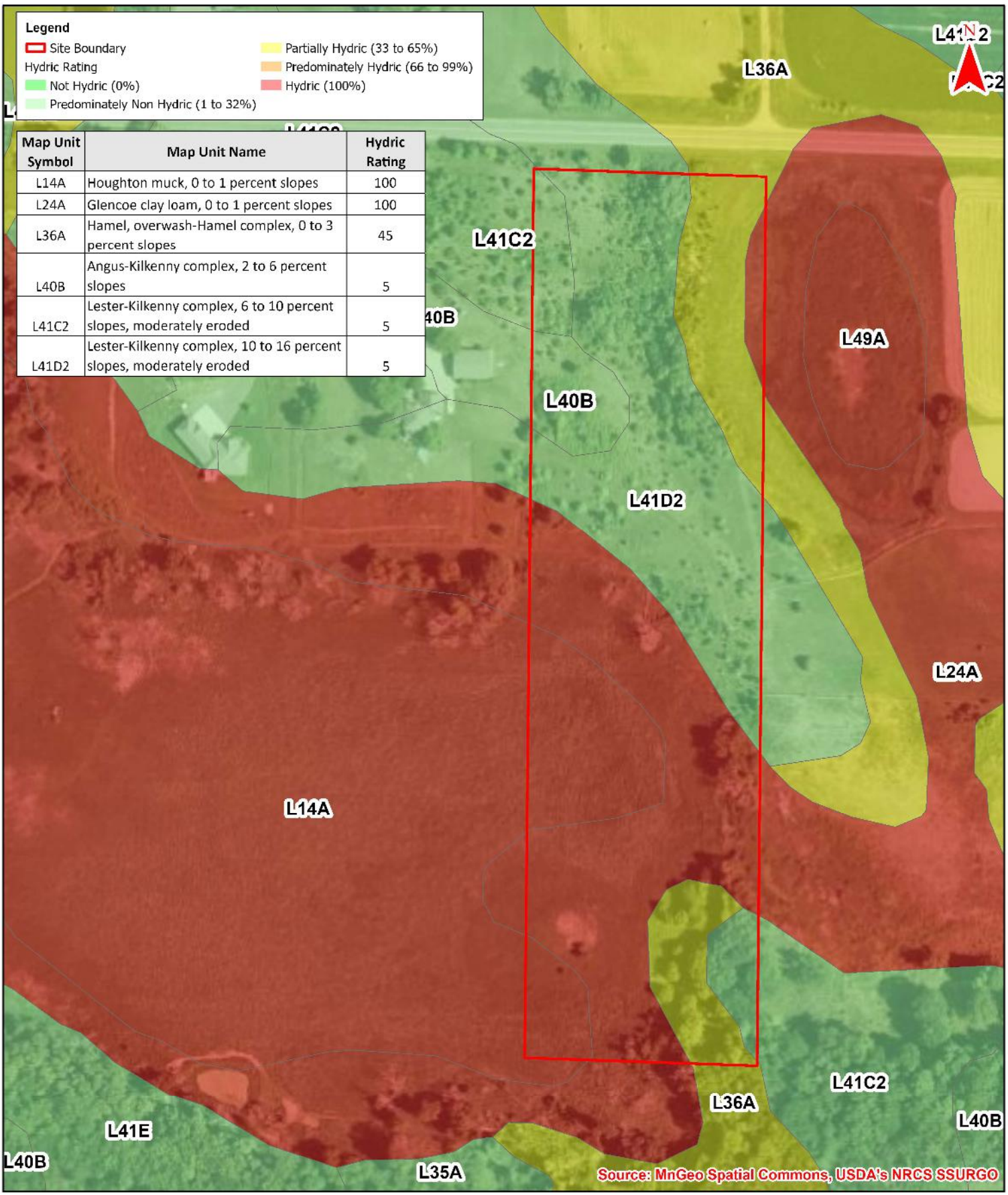
KJOLHAUG ENVIRONMENTAL
An MNL Company

0 200 Feet

Figure 3 - MnDNR National Wetlands Inventory

6231 County Road 11 (KES 2026-068)
Independence, Hennepin, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.



Map Unit Symbol	Map Unit Name	Hydric Rating
L14A	Houghton muck, 0 to 1 percent slopes	100
L24A	Glencoe clay loam, 0 to 1 percent slopes	100
L36A	Hamel, overwash-Hamel complex, 0 to 3 percent slopes	45
L40B	Angus-Kilkenny complex, 2 to 6 percent slopes	5
L41C2	Lester-Kilkenny complex, 6 to 10 percent slopes, moderately eroded	5
L41D2	Lester-Kilkenny complex, 10 to 16 percent slopes, moderately eroded	5

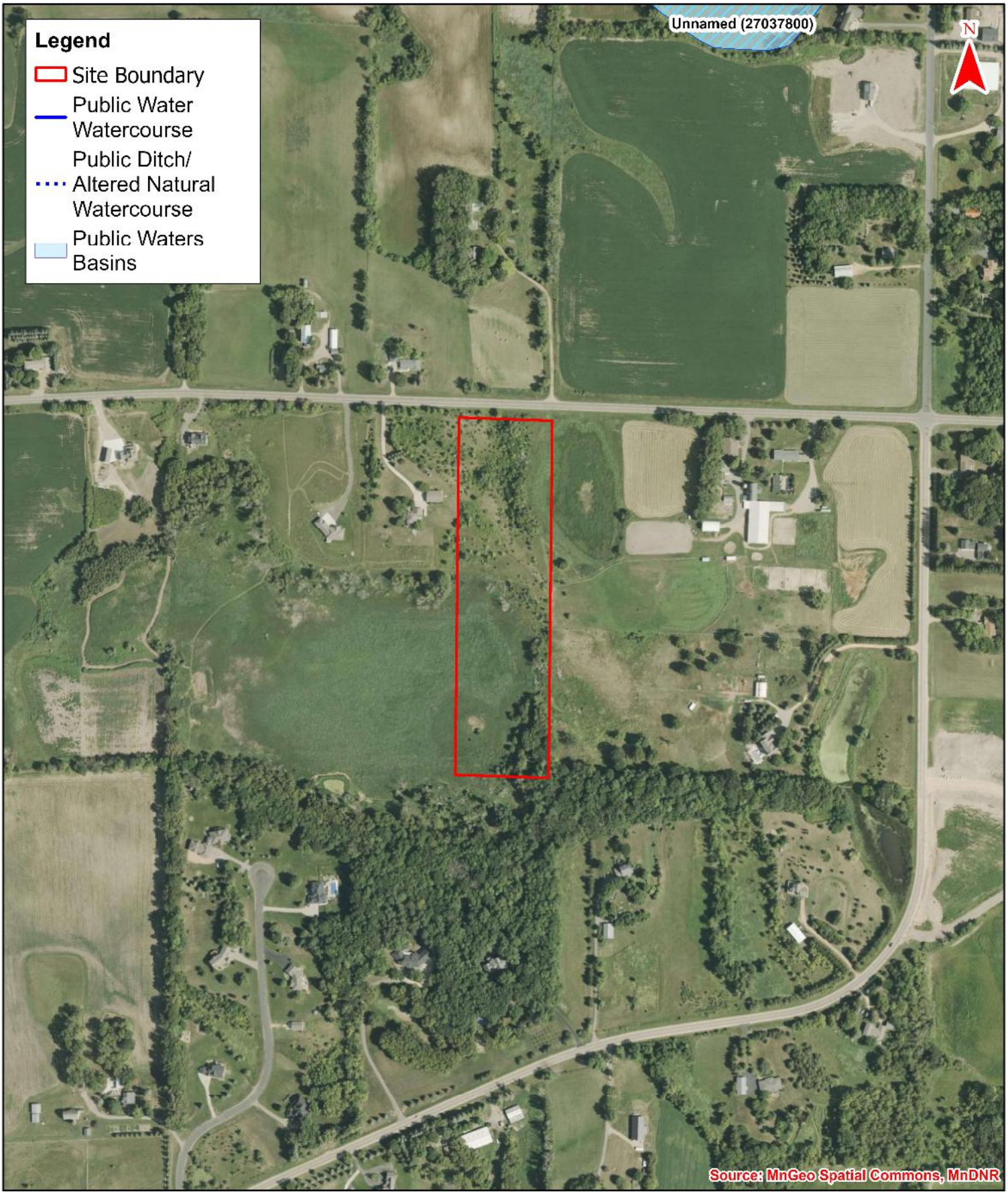
KJOLHAUG ENVIRONMENTAL
An MNL Company

0 200 Feet

Figure 4 - Soil Survey

6231 County Road 11 (KES 2026-068)
Independence, Hennepin, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.



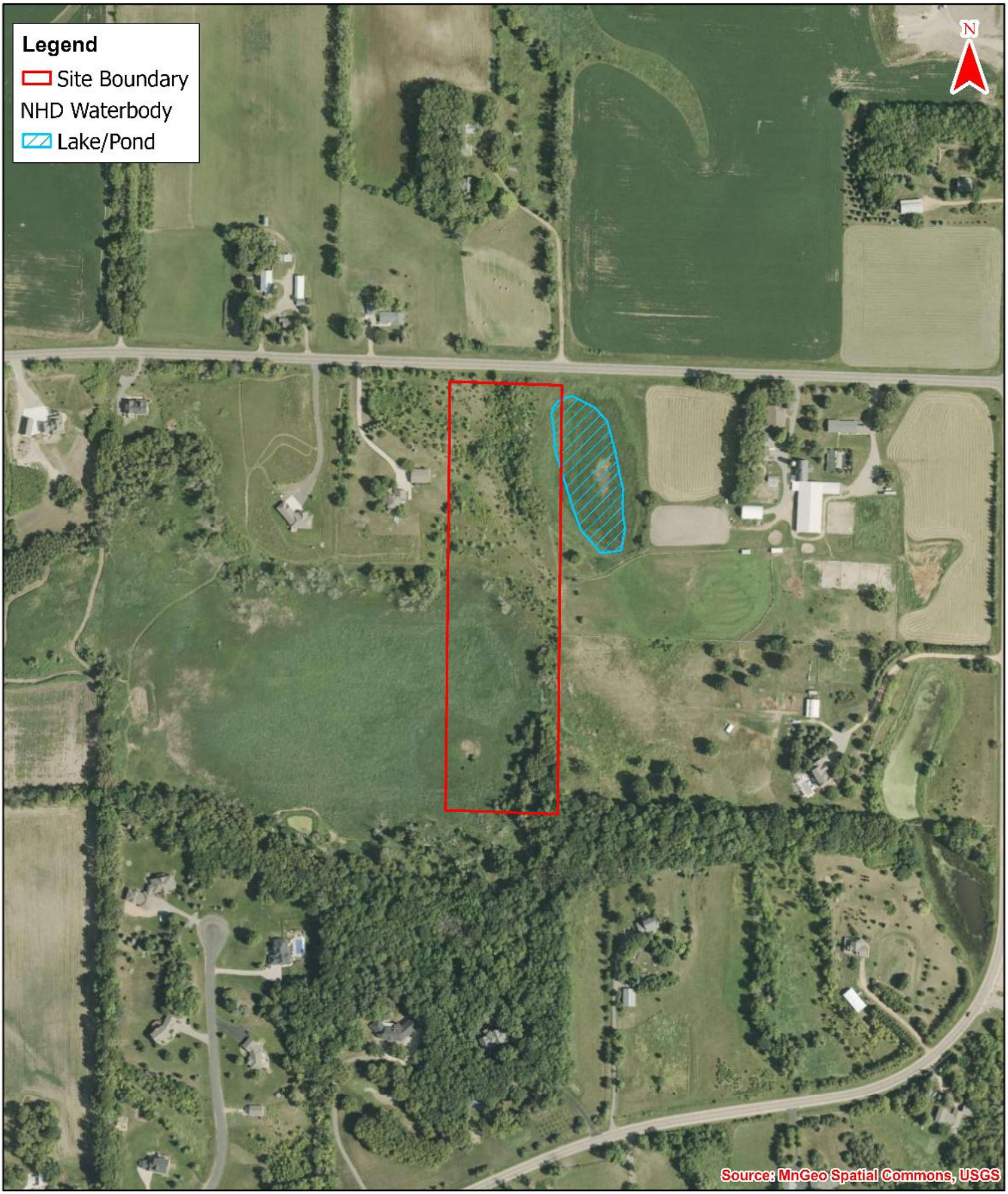
KJOLHAUG ENVIRONMENTAL
An MNL Company

0 500 Feet

Figure 5 - DNR Public Waters Inventory

6231 County Road 11 (KES 2026-068)
Independence, Hennepin, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.



KJOLHAUG ENVIRONMENTAL
An MNL Company

0 500 Feet

Figure 6 - National Hydrography Dataset

6231 County Road 11 (KES 2026-068)
Independence, Hennepin, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

APPENDIX A

Joint Application Form for Activities Affecting Water Resources in Minnesota

PART ONE: Applicant Information

If applicant is an entity (company, government entity, partnership, etc.), an authorized contact person must be identified. If the applicant is using an agent (consultant, lawyer, or other third party) and has authorized them to act on their behalf, the agent's contact information must also be provided.

Applicant/Landowner Name: Dingman Custom Homes; c/o Dale Dingman
Mailing Address: 9010 90th Lane Greenfield MN 55373
Phone: 612-325-1687
E-mail Address: www.dingmancustomhomes.com

Authorized Contact (do not complete if same as above):
Mailing Address:
Phone:
E-mail Address:

Agent Name: Kjolhaug Environmental Services; c/o Kat Dickerson
Mailing Address: 2500 Shadywood Road Suite 130, Orono MN, 55331
Phone: 701-261-0541
E-mail Address: kat@kjolhaugenv.com

PART TWO: Site Location Information

County: Hennepin **City/Township: Independence**
Parcel ID and/or Address: 1111824220007 / 6231 Cty Rd 11
Legal Description (Section, Township, Range): 11, 118N, 24W
Lat/Long (decimal degrees): 45.049817, -93.682261
Attach a map showing the location of the site in relation to local streets, roads, highways.
Approximate size of site (acres) or if a linear project, length (feet): 9.58 acres

If you know that your proposal will require an individual Permit from the U.S. Army Corps of Engineers, you must provide the names and addresses of all property owners adjacent to the project site. This information may be provided by attaching a list to your application or by using block 25 of the Application for Department of the Army permit which can be obtained at:

http://www.mvp.usace.army.mil/Portals/57/docs/regulatory/RegulatoryDocs/engform_4345_2012oct.pdf

PART THREE: General Project/Site Information

If this application is related to a delineation approval, exemption determination, jurisdictional determination, or other correspondence submitted ***prior to*** this application then describe that here and provide the Corps of Engineers project number.

Describe the project that is being proposed, the project purpose and need, and schedule for implementation and completion. The project description must fully describe the nature and scope of the proposed activity including a description of all project elements that effect aquatic resources (wetland, lake, tributary, etc.) and must also include plans and cross section or profile drawings showing the location, character, and dimensions of all proposed activities and aquatic resource impacts.

Wetland Delineation concurrence/approval

PART FOUR: Aquatic Resource Impact[1] Summary

If your proposed project involves a direct or indirect impact to an aquatic resource (wetland, lake, tributary, etc.) identify each impact in the table below. Include all anticipated impacts, including those expected to be temporary. Attach an overhead view map, aerial photo, and/or drawing showing all of the aquatic resources in the project area and the location(s) of the proposed impacts. Label each aquatic resource on the map with a reference number or letter and identify the impacts in the following table.

Aquatic Resource ID (as noted on overhead view)	**Aquatic Resource Type** (wetland, lake, tributary etc.)	**Type of Impact** (fill, excavate, drain, or remove vegetation)	**Duration of Impact** Permanent (P) or Temporary (T)[1]	**Size of Impact**[2]	**Overall Size of Aquatic Resource** [3]	**Existing Plant Community Type(s)** in Impact Area[4]	**County, Major Watershed #, and Bank Service Area #** of Impact Area[5]

[1]If impacts are temporary; enter the duration of the impacts in days next to the "T". For example, a project with a temporary access fill that would be removed after 220 days would be entered "T (220)".
[2]Impacts less than 0.01 acre should be reported in square feet. Impacts 0.01 acre or greater should be reported as acres and rounded to the nearest 0.01 acre. Tributary impacts must be reported in linear feet of impact and an area of impact by indicating first the linear feet of impact along the flowline of the stream followed by the area impact in parentheses). For example, a project that impacts 50 feet of a stream that is 6 feet wide would be reported as 50 ft (300 square feet).
[3]This is generally only applicable if you are applying for a de minimis exemption under MN Rules 8420.0420 Subp. 8, otherwise enter "N/A".
[4]Use *Wetland Plants and Plant Community Types of Minnesota and Wisconsin* 3rd Ed. as modified in MN Rules 8420.0405 Subp. 2.
[5]Refer to Major Watershed and Bank Service Area maps in MN Rules 8420.0522 Subp. 7.

If any of the above identified impacts have already occurred, identify which impacts they are and the circumstances associated with each:

PART FIVE: Applicant Signature

☐ Check here if you are requesting a pre-application consultation with the Corps and LGU based on the information you have provided. Regulatory entities will not initiate a formal application review if this box is checked.

By signature below, I attest that the information in this application is complete and accurate. I further attest that I possess the authority to undertake the work described herein.

Signature: _____ Date: 4-28-26

I hereby authorize Kjolhaug Environmental Services to act on my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this application.

[1] **The term "impact" as used in this joint application form is a generic term used for disclosure purposes to identify activities that may require approval from one or more regulatory agencies. For purposes of this form it is not meant to indicate whether or not those activities may require mitigation/replacement.**

Attachment A

Request for Delineation Review, Wetland Type Determination, or Jurisdictional Determination

By submission of the enclosed wetland delineation report, I am requesting that the U.S. Army Corps of Engineers, St. Paul District (Corps) and/or the Wetland Conservation Act Local Government Unit (LGU) provide me with the following (check all that apply):

☒ **Wetland Type Confirmation**

☒ **Delineation Concurrence.** Concurrence with a delineation is a written notification from the Corps and a decision from the LGU concurring, not concurring, or commenting on the boundaries of the aquatic resources delineated on the property. Delineation concurrences are generally valid for five years unless site conditions change. Under this request alone, the Corps will not address the jurisdictional status of the aquatic resources on the property, only the boundaries of the resources within the review area (including wetlands, tributaries, lakes, etc.).

☐ **Preliminary Jurisdictional Determination.** A preliminary jurisdictional determination (PJD) is a non-binding written indication from the Corps that waters, including wetlands, identified on a parcel may be waters of the United States. For purposes of computation of impacts and compensatory mitigation requirements, a permit decision made on the basis of a PJD will treat all waters and wetlands in the review area as if they are jurisdictional waters of the U.S. PJDs are advisory in nature and may not be appealed.

☐ **Approved Jurisdictional Determination.** An approved jurisdictional determination (AJD) is an official Corps determination that jurisdictional waters of the United States are either present or absent on the property. AJDs can generally be relied upon by the affected party for five years. An AJD may be appealed through the Corps administrative appeal process.

In order for the Corps and LGU to process your request, the wetland delineation must be prepared in accordance with the 1987 Corps of Engineers Wetland Delineation Manual, any approved Regional Supplements to the 1987 Manual, and the *Guidelines for Submitting Wetland Delineations in Minnesota* (2013).
http://www.mvp.usace.army.mil/Missions/Regulatory/DelineationJDGuidance.aspx

APPENDIX B

Wetland Delineation Data Forms

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Dingman Site - CR 11 City/County: Independence/Hennepin Sampling Date: 4/22/2026

Applicant/Owner: Dingman Custom Homes State: MN Sampling Point: SP1-1UP

Investigator(s): K. Dickerson Section, Township, Range: S:11, T:118N, R:24W

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): linear

Slope (%): 3-5% Lat: Long: Datum:

Soil Map Unit Name: Lester-Kilkenny complex, 10 to 16 percent slopes, moderately er NWI Classification: None

Are climatic/hydrologic conditions of the site typical for this time of the year? Y (If no, explain in remarks)

Are vegetation ____, soil ____, or hydrology ____ significantly disturbed? Are "normal circumstances"

Are vegetation ____, soil ____, or hydrology ____ naturally problematic? present? Yes

SUMMARY OF FINDINGS

(If needed, explain any answers in remarks.)

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

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

Climatic conditions typical (normal) per APT.

VEGETATION -- Use scientific names of plants.

Tree Stratum (Plot size: 30)	Absolute % Cover	Dominant Species	Indicator Status
1 *Acer negundo*	60	Y	FAC
2			
3			
4			
5			
	60	= Total Cover	
Sapling/Shrub stratum (Plot size: 15)			
1 *Rhamnus cathartica*	80	Y	FAC
2			
3			
4			
5			
	80	= Total Cover	
Herb stratum (Plot size: 5)			
1 *Rhamnus cathartica*	10	Y	FAC
2			
3			
4			
5			
6			
7			
8			
9			
10			
	10	= Total Cover	
Woody vine stratum (Plot size: 30)			
1			
2			
	0	= Total Cover	

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: 100.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:			
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	150	x 3 =	450
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column totals	150 (A)		450 (B)

Prevalence Index = B/A = 3.00

Hydrophytic Vegetation Indicators:

- ___ Rapid test for hydrophytic vegetation
- X Dominance test is >50%
- X Prevalence index is ≤3.0*
- ___ Morphological 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

Hydrophytic vegetation present? Y

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

All species were FAC

SOIL

Sampling Point: SP1-1UP

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
0-24	10YR 3/1	80	10YR 4/6	20	C	PL/M	Sandy Loam	

*Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. **Location: PL = Pore Lining, M = Matrix

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ 5 cm Mucky Peat or Peat (S3)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ Coast Prairie Redox (A16) (**LRR K, L, R**)
- ___ Dark Surface (S7) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ 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? Y

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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)
- ___ True Aquatic Plants (B14)
- ___ 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)
- ___ Gauge or Well Data (D9)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ FAC-Neutral Test (D5)

Field Observations:

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

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

0.06 inches of precipitation in the week prior to the site visit

Remarks:

No free water or saturation to 24 inches below the soil surface.

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Dingman Site - CR 11 | City/County: Independence/Hennepin | Sampling Date: 4/22/2026

Applicant/Owner: Dingman Custom Homes | State: MN | Sampling Point: SP1-1W

Investigator(s): K. Dickerson | Section, Township, Range: S:11, T:118N, R:24W

Landform (hillslope, terrace, etc.): Depression | Local relief (concave, convex, none): Concave

Slope (%): 0-2% | Lat: | Long: | Datum:

Soil Map Unit Name: Hamel, overwash-Hamel complex, 0 to 3 percent slopes | NWI Classification: None

Are climatic/hydrologic conditions of the site typical for this time of the year? Y (If no, explain in remarks)

Are vegetation ____, soil ____, or hydrology ____ significantly disturbed? Are "normal circumstances"

Are vegetation ____, soil ____, or hydrology ____ naturally problematic? present? Yes

SUMMARY OF FINDINGS

(If needed, explain any answers in remarks.)

Hydrophytic vegetation present?	Y		
Hydric soil present?	Y	**Is the sampled area within a wetland?**	Y
Indicators of wetland hydrology present?	Y	f yes, optional wetland site ID:	Wetland 1

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

Climatic conditions typical (normal) per APT.

VEGETATION -- Use scientific names of plants.

Tree Stratum (Plot size: 30)	Absolute % Cover	Dominant Species	Indicator Status
1			
2			
3			
4			
5			
	0	= Total Cover	
Sapling/Shrub stratum (Plot size: 15)			
1			
2			
3			
4			
5			
	0	= Total Cover	
Herb stratum (Plot size: 5)			
1 *Phalaris arundinacea*	100	Y	FACW
2			
3			
4			
5			
6			
7			
8			
9			
10			
	100	= Total Cover	
Woody vine stratum (Plot size: 30)			
1			
2			
	0	= Total Cover	

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across all Strata: 1 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 100.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	0	x 1 =	0	
FACW species	100	x 2 =	200	
FAC species	0	x 3 =	0	
FACU species	0	x 4 =	0	
UPL species	0	x 5 =	0	
Column totals	100	(A)	200	(B)

Prevalence Index = B/A = 2.00

Hydrophytic Vegetation Indicators:

- ___ Rapid test for hydrophytic vegetation
- X Dominance test is >50%
- X Prevalence index is ≤3.0*
- ___ Morphological 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

Hydrophytic vegetation present? Y

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

SOIL

Sampling Point: SP1-1W

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
0-12	10YR 2/1	70	10YR 4/6	30	C	PL/M	Sandy Loam	
12-24	10YR 4/1	60	10YR 5/8	40	C	PL/M	Sandy Loam	

*Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. **Location: PL = Pore Lining, M = Matrix

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10)
- ___ Depleted Below Dark Surface (A11)
- X Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ 5 cm Mucky Peat or Peat (S3)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ Coast Prairie Redox (A16) (**LRR K, L, R**)
- ___ Dark Surface (S7) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ 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? Y

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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)
- ___ True Aquatic Plants (B14)
- ___ 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)
- ___ Gauge or Well Data (D9)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- X Geomorphic Position (D2)
- X FAC-Neutral Test (D5)

Field Observations:

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

Indicators of wetland hydrology present? Y

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

0.06 inches of precipitation in the week prior to the site visit

Remarks:

No free water or saturation to 24 inches below the soil surface.

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Dingman Site - CR 11 City/County: Independence/Hennepin Sampling Date: 4/22/2026

Applicant/Owner: Dingman Custom Homes State: MN Sampling Point: SP1-2UP

Investigator(s): K. Dickerson Section, Township, Range: S:11, T:118N, R:24W

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): None

Slope (%): 3-5% Lat: Long: Datum:

Soil Map Unit Name: Lester-Kilkenny complex, 10 to 16 percent slopes, moderately er NWI Classification: None

Are climatic/hydrologic conditions of the site typical for this time of the year? Y (If no, explain in remarks)

Are vegetation ____, soil ____, or hydrology ____ significantly disturbed? Are "normal circumstances"

Are vegetation ____, soil ____, or hydrology ____ naturally problematic? present? Yes

SUMMARY OF FINDINGS

(If needed, explain any answers in remarks.)

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

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

Climatic conditions typical (normal) per APT.

VEGETATION -- Use scientific names of plants.

Tree Stratum (Plot size: 30)	Absolute % Cover	Dominant Species	Indicator Status
1 *Acer negundo*	10	Y	FAC
2			
3			
4			
5			
	10 = Total Cover		
Sapling/Shrub stratum (Plot size: 15)			
1 *Rhamnus cathartica*	80	Y	FAC
2			
3			
4			
5			
	80 = Total Cover		
Herb stratum (Plot size: 5)			
1 *Rhamnus cathartica*	60	Y	FAC
2			
3			
4			
5			
6			
7			
8			
9			
10			
	60 = Total Cover		
Woody vine stratum (Plot size: 30)			
1			
2			
	0 = Total Cover		

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: 100.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	150	x 3 =	450
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column totals	150 (A)		450 (B)

Prevalence Index = B/A = 3.00

Hydrophytic Vegetation Indicators:

- ___ Rapid test for hydrophytic vegetation
- X Dominance test is >50%
- X Prevalence index is ≤3.0*
- ___ Morphological 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

Hydrophytic vegetation present? Y

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

All species were FAC.

SOIL

Sampling Point: SP1-2UP

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
0-12	10YR 2/1	100					Loam	
12-28	10YR 2/1	90	10YR 5/8	10	C	M	Loam	
28-32	10YR 4/1	90	10YR 5/8	10	C	M	Clay Loam	

*Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. **Location: PL = Pore Lining, M = Matrix

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10)
- ___ Depleted Below Dark Surface (A11)
- X Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ 5 cm Mucky Peat or Peat (S3)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ Coast Prairie Redox (A16) (**LRR K, L, R**)
- ___ Dark Surface (S7) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ 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? Y

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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)
- ___ True Aquatic Plants (B14)
- ___ 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)
- ___ Gauge or Well Data (D9)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ FAC-Neutral Test (D5)

Field Observations:

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

Indicators of wetland hydrology present? N

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

0.06 inches of precipitation in the week prior to the site visit

Remarks:

No free water or saturation to 32 inches below the soil surface.

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Dingman Site - CR 11 | City/County: Independence/Hennepin | Sampling Date: 4/22/2026

Applicant/Owner: Dingman Custom Homes | State: MN | Sampling Point: SP1-2W

Investigator(s): K. Dickerson | Section, Township, Range: S:11, T:118N, R:24W

Landform (hillslope, terrace, etc.): Hillslope | Local relief (concave, convex, none): Concave

Slope (%): 1-3% | Lat: | Long: | Datum:

Soil Map Unit Name: Lester-Kilkenny complex, 10 to 16 percent slopes, moderately er | NWI Classification: None

Are climatic/hydrologic conditions of the site typical for this time of the year? Y (If no, explain in remarks)

Are vegetation ____, soil ____, or hydrology ____ significantly disturbed? Are "normal circumstances" present? Yes

Are vegetation ____, soil ____, or hydrology ____ naturally problematic?

SUMMARY OF FINDINGS

(If needed, explain any answers in remarks.)

Hydrophytic vegetation present?	Y		
Hydric soil present?	Y	**Is the sampled area within a wetland?**	Y
Indicators of wetland hydrology present?	Y	f yes, optional wetland site ID:	Wetland 1

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

Climatic conditions typical (normal) per APT.

VEGETATION -- Use scientific names of plants.

Tree Stratum (Plot size: 30)	Absolute % Cover	Dominant Species	Indicator Status
1 *Salix nigra*	30	Y	OBL
2			
3			
4			
5			
	30	= Total Cover	

Sapling/Shrub stratum (Plot size: 15)			
1 *Salix interior*	60	Y	FACW
2			
3			
4			
5			
	60	= Total Cover	

Herb stratum (Plot size: 5)			
1 *Poa pratensis*	60	Y	FAC
2 *Phalaris arundinacea*	30	Y	FACW
3			
4			
5			
6			
7			
8			
9			
10			
	90	= Total Cover	

Woody vine stratum (Plot size: 30)			
1			
2			
	0	= Total Cover	

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across all Strata: 4 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 100.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	30	x 1 =	30	
FACW species	90	x 2 =	180	
FAC species	60	x 3 =	180	
FACU species	0	x 4 =	0	
UPL species	0	x 5 =	0	
Column totals	180	(A)	390	(B)

Prevalence Index = B/A = 2.17

Hydrophytic Vegetation Indicators:

- ___ Rapid test for hydrophytic vegetation
- X Dominance test is >50%
- X Prevalence index is ≤3.0*
- ___ Morphological 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

Hydrophytic vegetation present? Y

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

SOIL

Sampling Point: SP1-2W

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
0-24	10YR 2-1	92	10YR 4/6	8	C	M	Sandy Clay Loam	

*Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. **Location: PL = Pore Lining, M = Matrix

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ 5 cm Mucky Peat or Peat (S3)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ Coast Prairie Redox (A16) (**LRR K, L, R**)
- ___ Dark Surface (S7) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ 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? Y

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

- ___ Surface Water (A1)
- X High Water Table (A2)
- X 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)
- ___ True Aquatic Plants (B14)
- ___ 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)
- ___ Gauge or Well Data (D9)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- X FAC-Neutral Test (D5)

Field Observations:

Surface water present?	Yes	___	No	X	Depth (inches): ___
Water table present?	Yes	X	No	___	Depth (inches): 6
Saturation present? (includes capillary fringe)	Yes	X	No	___	Depth (inches): 4

Indicators of wetland hydrology present? Y

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

0.06 inches of precipitation in the week prior to the site visit

Remarks:

Free water present 6 inches below the soil surface.

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Dingman Site - CR 11 City/County: Independence/Hennepin Sampling Date: 4/22/2026

Applicant/Owner: Dingman Custom Homes State: MN Sampling Point: SP2-1UP

Investigator(s): K. Dickerson Section, Township, Range: S:11, T:118N, R:24W

Landform (hillslope, terrace, etc.): Hilltop Local relief (concave, convex, none): Convex

Slope (%): 0-2% Lat: Long: Datum:

Soil Map Unit Name: Glencoe clay loam, 0 to 1 percent slopes NWI Classification: PEM1Af

Are climatic/hydrologic conditions of the site typical for this time of the year? Y (If no, explain in remarks)

Are vegetation ____, soil ____, or hydrology ____ significantly disturbed? Are "normal circumstances"

Are vegetation ____, soil ____, or hydrology ____ naturally problematic? present? Yes

SUMMARY OF FINDINGS

(If needed, explain any answers in remarks.)

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

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

Climatic conditions typical (normal) per APT.

VEGETATION -- Use scientific names of plants.

Tree Stratum (Plot size: 30)	Absolute % Cover	Dominant Species	Indicator Status
1			
2			
3			
4			
5			
	0	= Total Cover	

Sapling/Shrub stratum (Plot size: 15)			
1			
2			
3			
4			
5			
	0	= Total Cover	

Herb stratum (Plot size: 5)			
1 *Phalaris arundinacea*	70	Y	FACW
2 *Rubus idaeus*	10	N	FACU
3 *Leonurus cardiaca*	10	N	UPL
4 *Alliaria petiolata*	5	N	FAC
5 *Geum canadense*	5	N	FAC
6			
7			
8			
9			
10			
	100	= Total Cover	

Woody vine stratum (Plot size: 30)			
1			
2			
	0	= Total Cover	

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across all Strata: 1 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 100.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	0	x 1 =	0	
FACW species	70	x 2 =	140	
FAC species	10	x 3 =	30	
FACU species	10	x 4 =	40	
UPL species	10	x 5 =	50	
Column totals	100	(A)	260	(B)

Prevalence Index = B/A = 2.60

Hydrophytic Vegetation Indicators:

- ___ Rapid test for hydrophytic vegetation
- X Dominance test is >50%
- X Prevalence index is ≤3.0*
- ___ Morphological 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

Hydrophytic vegetation present? Y

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

All but one of the species was FAC or drier.

SOIL

Sampling Point: SP2-1UP

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
0-10	10YR 2/1	100					Loam	
10-24	10YR 4/1	90	10YR 5/8	10	C	M	Loam	

*Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. **Location: PL = Pore Lining, M = Matrix

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ 5 cm Mucky Peat or Peat (S3)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ Coast Prairie Redox (A16) (**LRR K, L, R**)
- ___ Dark Surface (S7) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ 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? Y

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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)
- ___ True Aquatic Plants (B14)
- ___ 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)
- ___ Gauge or Well Data (D9)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- X FAC-Neutral Test (D5)

Field Observations:

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

Indicators of wetland hydrology present? N

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

0.06 inches of precipitation in the week prior to the site visit

Remarks:

No free water or saturation to 24 inches below the soil surface.

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Dingman Site - CR 11 | City/County: Independence/Hennepin | Sampling Date: 4/22/2026

Applicant/Owner: Dingman Custom Homes | State: MN | Sampling Point: SP2-1W

Investigator(s): K. Dickerson | Section, Township, Range: S:11, T:118N, R:24W

Landform (hillslope, terrace, etc.): Depression/Saddle | Local relief (concave, convex, none): Concave

Slope (%): 0-2% | Lat: | Long: | Datum:

Soil Map Unit Name: Glencoe clay loam, 0 to 1 percent slopes | NWI Classification: PEM1Af

Are climatic/hydrologic conditions of the site typical for this time of the year? Y (If no, explain in remarks)

Are vegetation ____, soil ____, or hydrology ____ significantly disturbed? Are "normal circumstances" present? Yes

Are vegetation ____, soil ____, or hydrology ____ naturally problematic?

SUMMARY OF FINDINGS

(If needed, explain any answers in remarks.)

Hydrophytic vegetation present?	Y	**Is the sampled area within a wetland?**	Y
Hydric soil present?	Y	If yes, optional wetland site ID:	Wetland 2
Indicators of wetland hydrology present?	Y		

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

Climatic conditions typical (normal) per APT.

VEGETATION -- Use scientific names of plants.

Tree Stratum (Plot size: 30)	Absolute % Cover	Dominant Species	Indicator Status
1			
2			
3			
4			
5			
	0	= Total Cover	

Sapling/Shrub stratum (Plot size: 15)			
1			
2			
3			
4			
5			
	0	= Total Cover	

Herb stratum (Plot size: 5)			
1 *Phalaris arundinacea*	100	Y	FACW
2			
3			
4			
5			
6			
7			
8			
9			
10			
	100	= Total Cover	

Woody vine stratum (Plot size: 30)			
1			
2			
	0	= Total Cover	

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across all Strata: 1 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 100.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	0	x 1 =	0
FACW species	100	x 2 =	200
FAC species	0	x 3 =	0
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column totals	100 (A)		200 (B)

Prevalence Index = B/A = 2.00

Hydrophytic Vegetation Indicators:

- ___ Rapid test for hydrophytic vegetation
- X Dominance test is >50%
- X Prevalence index is ≤3.0*
- ___ Morphological 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

Hydrophytic vegetation present? Y

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

SOIL

Sampling Point: SP2-1W

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
0-26	10YR 2/1	100					Loam	
26-30	10YR 2/1	100					Clay Loam	
30-34	10YR 4/1	95	10YR 4/6	5	C	M	Clay Loam	

*Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. **Location: PL = Pore Lining, M = Matrix

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10)
- ___ Depleted Below Dark Surface (A11)
- X Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ 5 cm Mucky Peat or Peat (S3)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils:

- ___ Coast Prairie Redox (A16) (**LRR K, L, R**)
- ___ Dark Surface (S7) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ 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? Y

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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)
- ___ True Aquatic Plants (B14)
- ___ 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)
- ___ Gauge or Well Data (D9)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- X Geomorphic Position (D2)
- X FAC-Neutral Test (D5)

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:

0.06 inches of precipitation in the week prior to the site visit

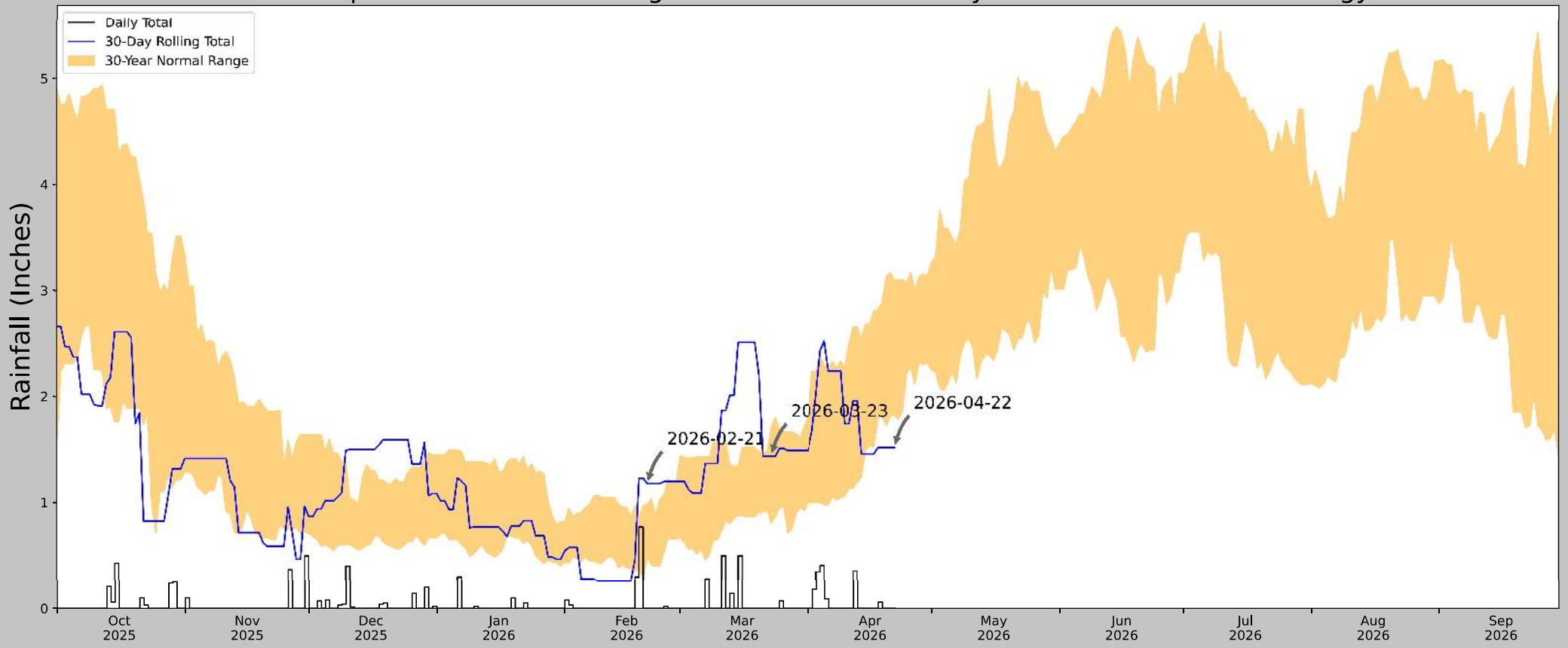
Remarks:

No free water or saturation to 34 inches below the soil surface.

APPENDIX C

Precipitation Data

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	45.05047, -93.68199
Observation Date	2026-04-22
Elevation (ft)	976.098
Drought Index (PDSI)	Severe drought (2026-03)
WebWIMP H_2O Balance	Wet Season

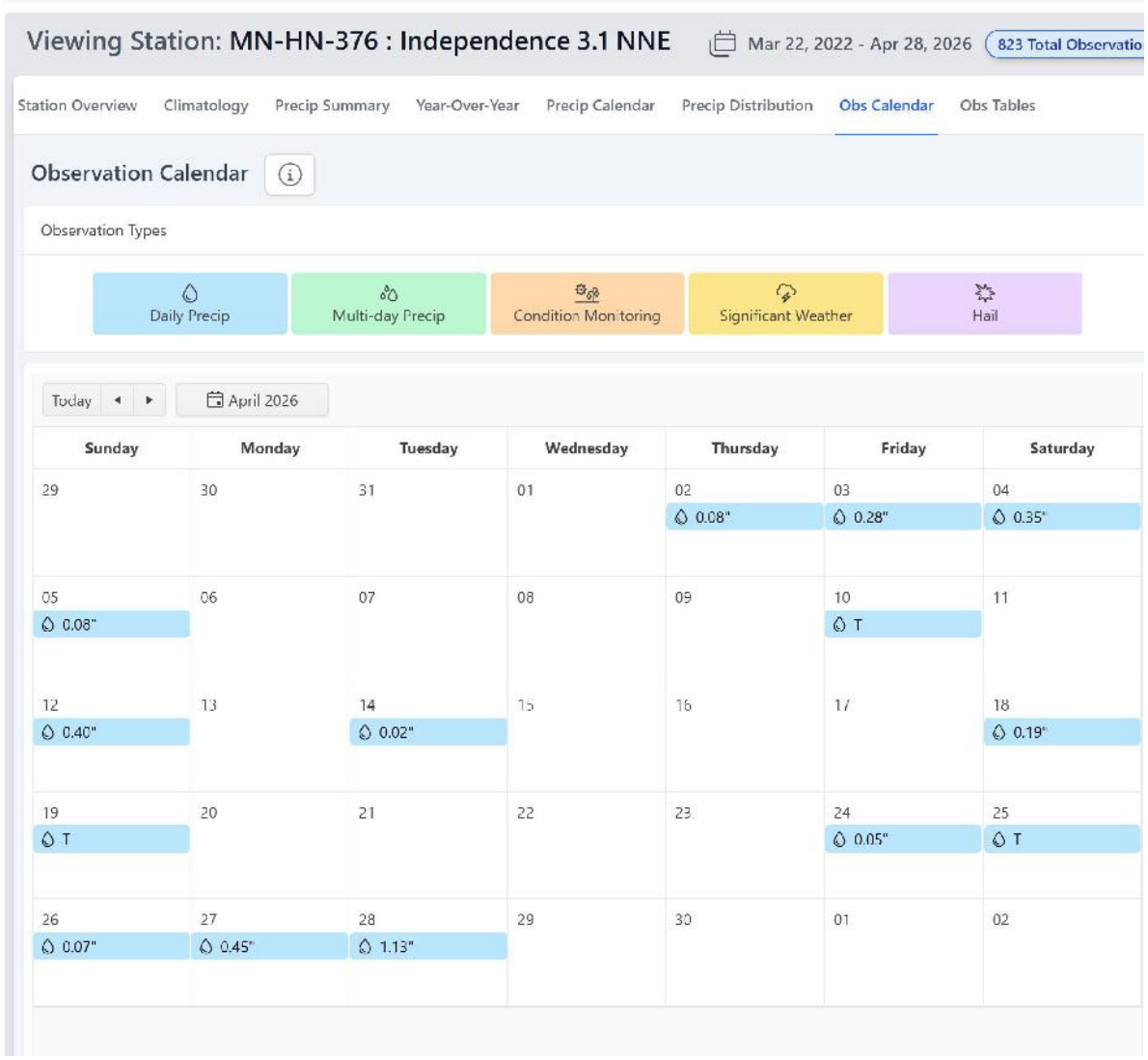
30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2026-04-22	1.827953	3.096457	1.519685	Dry	1	3	3
2026-03-23	0.80748	1.717717	1.440945	Normal	2	2	4
2026-02-21	0.494095	0.985039	1.181102	Wet	3	1	3
Result							Normal Conditions - 10

Figures and tables made by the Antecedent Precipitation Tool Version 3.0

US Army Corps of Engineers.
ERDC

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
DELANO	45.0469, -93.7772	975.066	4.654	1.032	2.099	9167	89
MAPLE PLAIN 4.2 W	45.01, -93.7468	1018.045	2.95	42.979	1.454	91	1
ROCKFORD 1.2 WNW	45.0969, -93.7636	981.955	3.518	6.889	1.607	24	0
ROCKFORD	45.0897, -93.74	950.131	3.47	24.935	1.648	1773	0
ROCKFORD 0.5 NE	45.093, -93.7359	972.113	3.769	2.953	1.707	2	0
ROCKFORD 0.6 NE	45.0944, -93.7345	1009.843	3.887	34.777	1.884	157	0
BUFFALO 7.7 SE	45.1054, -93.7474	961.942	4.296	13.124	1.99	53	0
ROCKFORD 1.0 NE	45.1031, -93.7337	1043.963	4.425	68.897	2.296	56	0
WATERTOWN 0.5 NNW	44.9663, -93.8489	970.144	6.579	4.922	2.993	1	0
MOUND	44.95, -93.65	935.039	9.135	40.027	4.476	21	0
BUFFALO 2NE	45.1969, -93.84	992.126	10.807	17.06	5.048	8	0


Viewing Station: MN-HN-376 : Independence 3.1 NNE
Mar 22, 2022 - Apr 28, 2026
823 Total Observatio
Station Overview
Climatology
Precip Summary
Year-Over-Year
Precip Calendar
Precip Distribution
Obs Calendar
Obs Tables
Observation Calendar
Observation Types
Daily Precip
Multi-day Precip
Condition Monitoring
Significant Weather
Hail
Today
April 2026
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
29
30
31
01
02
0.08"
03
0.28"
04
0.35"
05
0.08"
06
07
08
09
10
T
11
12
0.40"
13
14
0.02"
15
16
17
18
0.19"
19
T
20
21
22
23
24
0.05"
25
T
26
0.07"
27
0.45"
28
1.13"
29
30
01
02