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12/5/2025

Andy Melka
ILSolar05 LLC
330 W Goethe St.
Chicago, IL 60610

RE: Water Resource Determination, ILSolar07 LLC

Mr. Melka,

On November 17, 2025, Davey Resource Group, Inc. (DRG) conducted a water resource determination for the approximately 29-acre site located north of Read Road in Kane County, Illinois. The study area was evaluated by Patrick Ewbank and Kelly Volansky in accordance with the procedures outlined in the *1987 U.S. Army Corps of Engineers Wetlands Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region*.

The study area consists of an agricultural field planted with corn (*Zea mays*). No areas within the study area met the three criteria required to be considered a wetland (i.e. hydrology, hydric soils, and hydrophytic vegetation). The site's topography does not allow for frequent flooding or ponding. Rainwater appears to flow north to an existing culvert. No ordinary high water mark was observed within the ditches on site. Photographs, data sheets and a map are included with this letter showing the area assessed.

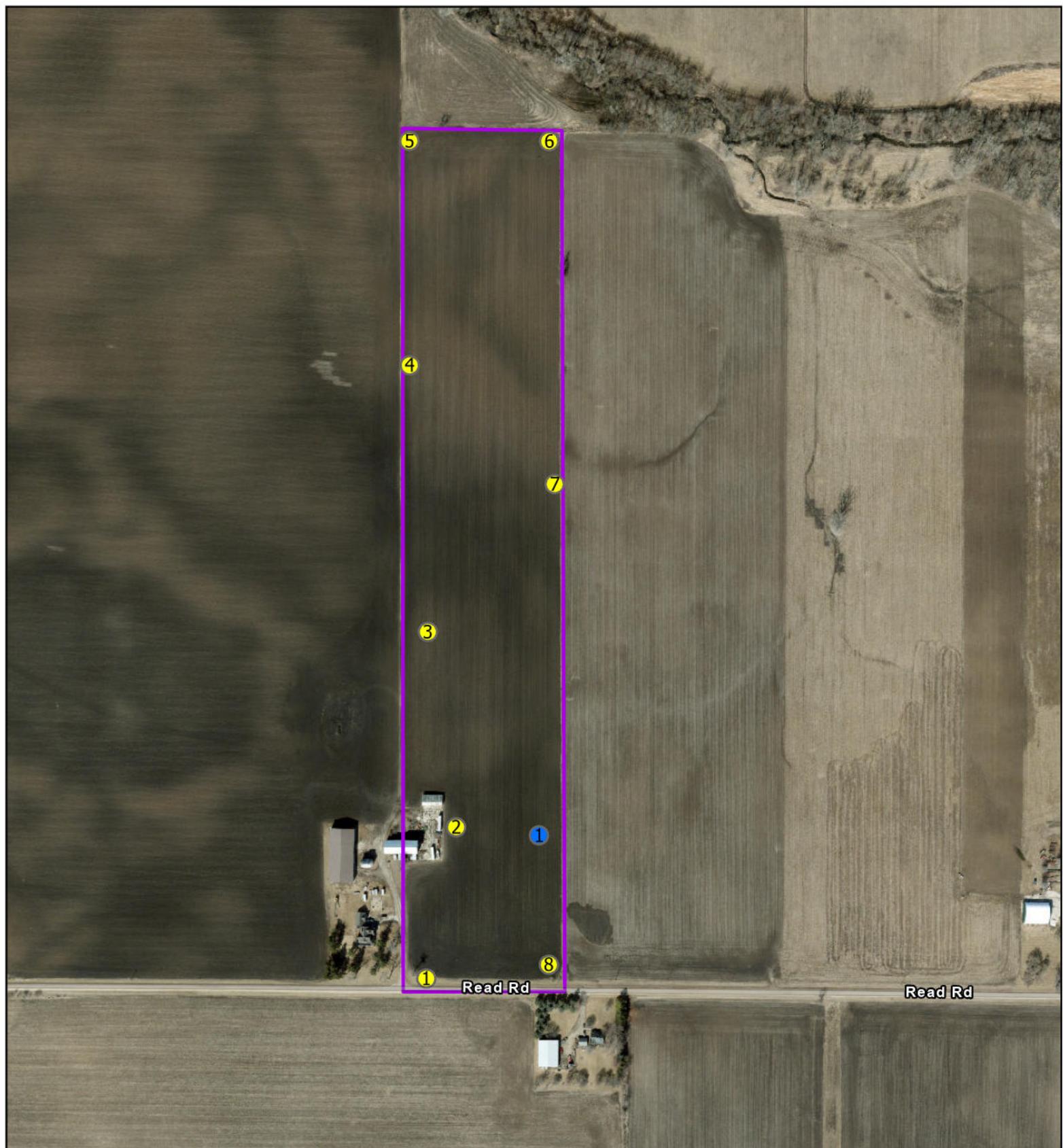
No portion of the study area met the criteria for wetland classification, as indicators of wetland hydrology, hydric soils, and hydrophytic vegetation were absent. A soil pit was excavated in the southeastern portion of the study area (Figure 1). Although the soil pit is located within the mapped hydric soil unit, no hydric soil indicators were present, nor was hydrophytic vegetation present (see attached data sheets).

If you have any questions regarding the content of this letter, please call me at 317.778.8552 or email me at patrick.ewbank@davey.com.

Sincerely,

Patrick Ewbank, Associate Consultant
Davey Resource Group, Inc.
www.daveyresourcegroup.com

Appendix A: Study Area Photo Points and Data Points



Site Location: Read Road,
Kane County, Lily Lake, Illinois

Sources: Esri World Imagery Hybrid. Imagery
Date 2021.

Date: November 17, 2025

0 0.05 0.1 0.2 Miles

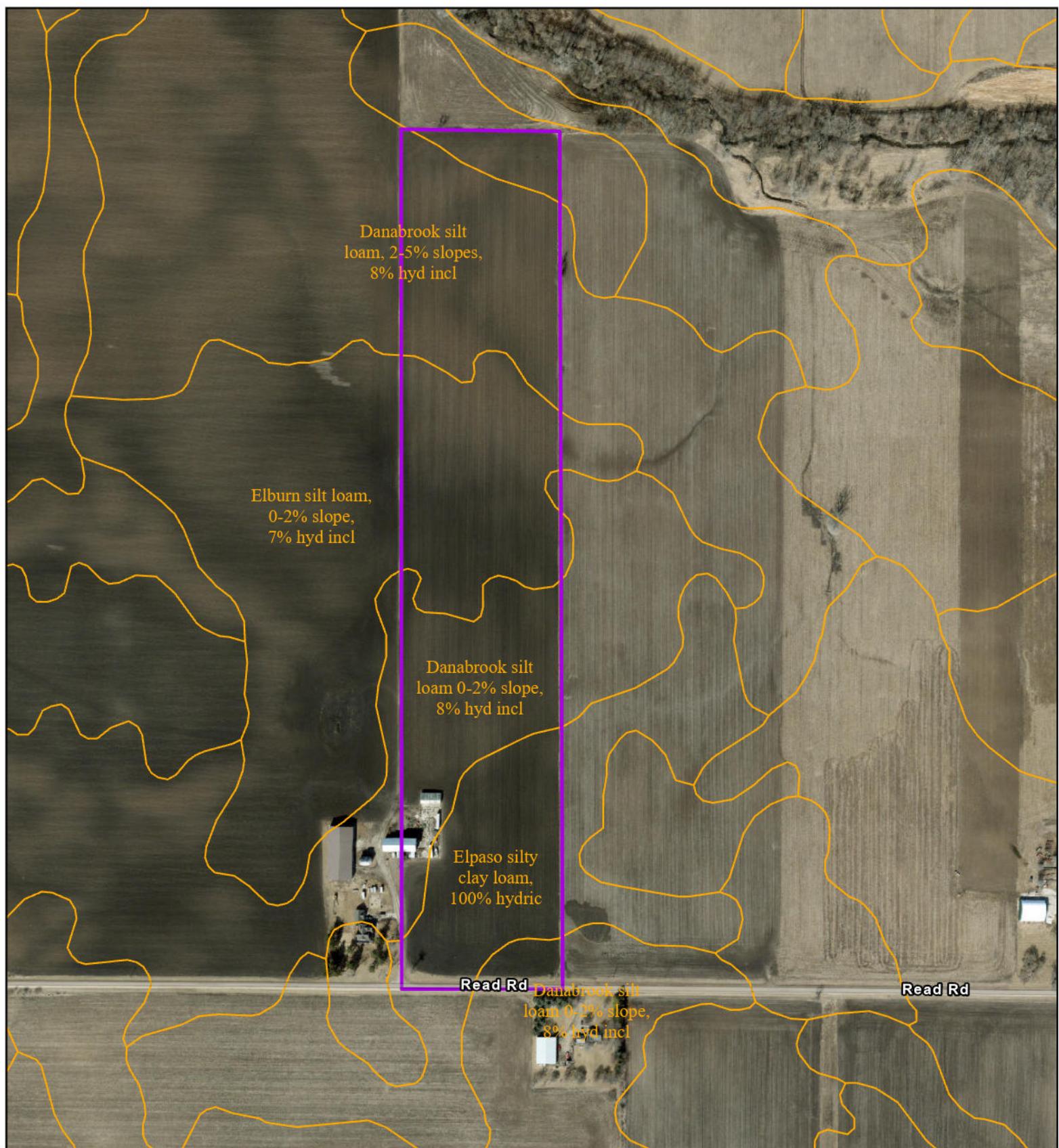
Legend

- Photo Point (Yellow circle)
- Data Point (Blue circle)

Study Area



Appendix B: Study Area on USDA Soil Hub Map



Site Location: Read Road,
Kane County, Lily Lake, Illinois

Sources: Esri World Imagery Hybrid. Imagery
Date 2021.

Date: November 17, 2025

0 0.05 0.1 0.2
Miles

Legend

Study Area

Soils

Appendix C Subject Property Photographs (11/17/2025)



Photo point 1, facing north



Photo point 1, facing east



Photo point 1, facing south



Photo point 1, facing west



Photo point 2, facing north



Photo point 2, facing east

Appendix C Continued



Photo point 2, facing south



Photo point 2, facing west



Photo point 3, facing north



Photo point 3, facing east



Photo point 3, facing south



Photo point 3, facing west

Appendix C Continued



Photo point 4, facing north



Photo point 4, facing east



Photo point 4, facing south



Photo point 4, facing west



Photo point 5, facing north



Photo point 5, facing east

Appendix C Continued



Photo point 5, facing south



Photo point 5, facing west



Photo point 6, facing north



Photo point 6, facing east



Photo point 6, facing south



Photo point 6, facing west

Appendix C Continued



Photo point 7, facing north



Photo point 7, facing east



Photo point 7, facing south



Photo point 7, facing west



Photo point 8, facing north



Photo point 8, facing east

Appendix C Continued



Photo point 8, facing south



Photo point 8, facing west



Data point 1, facing north



Data point 1, facing east



Data point 1, facing south



Data point 1, facing west

Appendix D

Vegetation, Hydrology, and Soils Data Sheets

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-COR

OMB Control #: 0710-0024, Exp: 09/30/2027

Requirement Control Symbol EXEMPT:

(Authority: AR 335-15, paragraph 5-2a)

Project/Site: Hartmann 25 City/County: Kane County Sampling Date: 2025-11-17Applicant/Owner: Horizon Solar State: Illinois Sampling Point: DP1Investigator(s): Patrick Ewbank, Kelly Volansky Section, Township, Range: S12 T40N R6ELandform (hillside, terrace, etc.): Flat Local relief (concave, convex, none): None Slope %: 0Subregion (LRR or MLRA): M 108 Lat: 41.96218893 Long: -88.49688981 Datum: WGS 84Soil Map Unit Name: 356A - Elpaso silty clay loam, 0 to 2 percent slopes NWI classification: _____Are climatic / hydrologic conditions on the site typical for this time of year? Yes No ✓ (If no, explain in Remarks.)Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <u> </u> No <u>✓</u>
Hydric Soil Present?	Yes <u> </u> No <u>✓</u>
Wetland Hydrology Present?	Yes <u> </u> No <u>✓</u>

Is the Sampled Area	
within a Wetland?	Yes <u> </u> No <u>✓</u>
If yes, optional Wetland Site ID: _____	

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

HYDROLOGY**Wetland Hydrology Indicators:**

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

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

Secondary Indicators (minimum of two required)

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

Field Observations:

Surface Water Present?	Yes <u> </u> No <u>✓</u>	Depth (inches): _____
Water Table Present?	Yes <u> </u> No <u>✓</u>	Depth (inches): _____
Saturation Present?	Yes <u> </u> No <u>✓</u>	Depth (inches): _____
(includes capillary fringe)		

Wetland Hydrology Present? Yes No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: DP1

<u>Tree Stratum</u> (Plot size: <u>30 ft r</u>)	<u>Absolute % Cover</u>	<u>Dominant Species?</u>	<u>Indicator Status</u>
1.			
2.			
3.			
4.			
5.			
6.			
7.			
			=Total Cover
<u>Sapling/Shrub Stratum</u> (Plot size: <u>15 ft r</u>)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
			=Total Cover
<u>Herb Stratum</u> (Plot size: <u>5 ft r</u>)			
1. <u>Zea mays</u>	<u>70</u>	<u>✓</u>	
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	<u>70</u>		=Total Cover
<u>Woody Vine Stratum</u> (Plot size: <u>30 ft r</u>)			
1.			
2.			
3.			
4.			
			=Total Cover

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 0 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)

Prevalence Index worksheet:

	Total % Cover of:	Multiply by:
OBL species	<u>0</u>	x 1 = <u>0</u>
FACW species	<u>0</u>	x 2 = <u>0</u>
FAC species	<u>0</u>	x 3 = <u>0</u>
FACU species	<u>0</u>	x 4 = <u>0</u>
UPL species	<u>0</u>	x 5 = <u>0</u>
Column Totals:	<u>0</u> (A)	<u>0</u> (B)
Prevalence Index = B/A =	<u>0</u>	

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is $\leq 3.0^1$
- 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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? Yes No ✓

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

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

Depth (inches)	Matrix		Redox Features					Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	
0 - 16	10YR 2/1	100					Loam	
16 - 20	10YR 4/1	98					Silty Clay Loam	
16 - 20	10YR 2/1	2					Silty Clay Loam	
-								
-								
-								
-								
-								
-								
-								
-								
-								

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Dark Surface (S7)
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B)
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> High Chroma Sands (S11) (LRR K, L)
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L)
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Depleted Matrix (F3)
<input type="checkbox"/> Iron Monosulfide (A18)	<input type="checkbox"/> Redox Dark Surface (F6)
<input type="checkbox"/> Mesic Spodic (A17) (MLRA 144A, 145, 149B)	<input type="checkbox"/> Depleted Dark Surface (F7)
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Redox Depressions (F8)
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Marl (F10) (LRR K, L)
<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> Red Parent Material (F21) (MLRA 145)
<input type="checkbox"/> Stripped Matrix (S6)	

Indicators for Problematic Hydric Soils³:

<input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B)
<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
<input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) Thin
<input type="checkbox"/> Dark Surface (S9) (LRR K, L)
<input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R)
<input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B)
<input type="checkbox"/> Red Parent Material (F21) (outside MLRA 145)
<input type="checkbox"/> Very Shallow Dark Surface (F22)
<input type="checkbox"/> Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No

Remarks: