From:	Robinson, William
To:	Ashlee Nichter
Cc:	Eric Ellingson
Subject:	RE: 2023-50-29-WLR-Q Midland Point WOSD exemptions
Date:	Wednesday, March 29, 2023 12:21:00 PM
Attachments:	2023-50-29-WLR-Q Midland Pointe WOSD.pdf image001.png image003.png image004.png image005.png image006.png image007.png

Here is the WOSD for the midland pointe site. Let me know if you have any questions.

From: Ashlee Nichter <anichter@earthsourceinc.net>
Sent: Friday, March 24, 2023 1:58 PM
To: Robinson, William <WRobinso@idem.IN.gov>
Cc: Eric Ellingson <eric@earthsourceinc.net>
Subject: FW: 2023-50-29-WLR-Q Midland Point WOSD exemptions

Will,

Following-up on my previous email, looks like the Hamilton County page is updated and the property was annexed in July 2022. Attached is the paperwork.

Let me know if you need anything else.

Have a good weekend!

Sincerely,
Ashlee Nichter
Environmental Scientist
***Earth Source**, Inc.*
14921 Hand Road
Fort Wayne, IN 46818
(260) 489-8511

From: Wilkerson, Jared <Jared.Wilkerson@kimley-horn.com>
Sent: Friday, March 24, 2023 1:49 PM
To: Ashlee Nichter <anichter@earthsourceinc.net>
Cc: Jim Adams <jadams@adamsfrench.com>; Eric Ellingson <eric@earthsourceinc.net>
Subject: RE: 2023-50-29-WLR-Q Midland Point WOSD exemptions

Ashlee – County GIS property records like you provided should suffice. I've attached the annexation documents if you need additional documentation.

Jared Wilkerson, P.E., CFM
Kimley-Horn | 250 East 96th Street, Suite 580, Indianapolis, IN 46240
Direct: (317) 226-5210
Connect with us: Twitter | LinkedIn | Facebook | Instagram | Kimley-Horn.com

From: Ashlee Nichter <anichter@earthsourceinc.net>
Sent: Friday, March 24, 2023 12:48 PM
To: Wilkerson, Jared <Jared.Wilkerson@kimley-horn.com>
Cc: Jim Adams <jadams@adamsfrench.com>; Eric Ellingson <eric@earthsourceinc.net>
Subject: FW: 2023-50-29-WLR-Q Midland Point WOSD exemptions

Jared,

IDEM is asking for proof that the project site is within a Municipality. I sent them the attached graphic from the Hamilton GIS page with the site encompassing the Noblesville corporate limits. Do you have any other documents to support this?

Please let me know if you have any questions.

Sincerely,
Ashlee Nichter
Environmental Scientist
***Earth Source**, Inc.*
14921 Hand Road
Fort Wayne, IN 46818
(260) 489-8511

From: Robinson, William <WRobinso@idem.IN.gov>
Sent: Friday, March 24, 2023 11:52 AM
To: Ashlee Nichter <anichter@earthsourceinc.net>
Cc: Eric Ellingson <eric@earthsourceinc.net>
Subject: RE: 2023-50-29-WLR-Q Midland Point WOSD exemptions

Ashlee, has it been incorporated since 2020? My Census incorporated layer is showing it as an unincorporated area as of that year. I've attached a photo below, the yellow shaded areas are in the municipality. Please provide evidence that it is in fact in the municipality and I will process it under the 3/4ths exemption.

From: Ashlee Nichter <anichter@earthsourceinc.net>
Sent: Wednesday, March 15, 2023 3:33 PM
To: Robinson, William <WRobinso@idem.IN.gov>
Cc: Eric Ellingson <eric@earthsourceinc.net>
Subject: RE: 2023-50-29-WLR-Q Midland Point WOSD exemptions

Will,

We can call them Class II wetlands, but we are within the municipality of Noblesville. Therefore, the wetlands would fall under IC-13-18-22-1(b)(7) which states Class II wetland located within the boundaries of a municipality (Noblesville) and has an area, as delineated, of not more than three-fourths (3/4) acre are exempt.

Do you agree, then all the wetlands would be exempt under IC-13-18-22-1(b)(7)?

Please let me know if you have any questions.

Sincerely,
Ashlee Nichter
Environmental Scientist
Earth Source, *Inc.*
14921 Hand Road

Fort Wayne, IN 46818
(260) 489-8511

From: Robinson, William <WRobinso@idem.IN.gov>
Sent: Wednesday, March 15, 2023 3:10 PM
To: Ashlee Nichter <anichter@earthsourceinc.net>
Subject: 2023-50-29-WLR-Q Midland Point WOSD exemptions

Hello Ashlee,

Since wetlands IIa, IIb, and IIc are dominated by native vegetation, they have moderate wildlife habitat and are by definition class 2 despite their disturbed nature. Since they are all 3 under 3/8 of an acre, they are exempt, but due to the way the law is written, you can either impact one or 60% of the total area. 60% would be section IIa and IIb. If you wanted to exempt the largest one, section IIc that would be 0.05 acres. I need to know which exemption route you want to take before I can finish the WOSD determination. Let me know what you want to do, thanks.

William Robinson, Wetland Project Manager
Wetlands and Stormwater Section, Office of Water Quality
100 North Senate Avenue, Room 1255
Indianapolis Indiana 46204
Phone: (317) 460-6530
Fax: (317) 234-4145
Wrobinso@idem.IN.gov

Storm Water Program: http://www.in.gov/idem/stormwater
Indiana Storm Water Quality Manual: http://www.in.gov/idem/stormwater/2363.htm
Section 401 Water Quality Certification and Isolated Wetlands Program: http://www.in.gov/idem/wetlands

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian Rockensuess
Commissioner

WATER OF THE STATE DETERMINATION

PROJECT NO.: 2023-50-29-WLR-Q

PROJECT NAME: Midland Pointe WOSD

AUTHORITY: 327 IAC 17-1-3(13), 327 IAC 17-1-3(17)

DATE OF ISSUANCE: 3/29/2023

DATE OF EXPIRATION: 3/29/2028

APPROVED: _____

Brian Wolff, Branch Chief
Surface Water and Operations
Office of Water Quality

RESPONSIBLE PARTIES: Secure Holdings, LLC
Attn: James Adams
9000 Keystone Crossing, Suite 660
Indianapolis, IN 46240

DELINEATOR(S): Ashlee Nichter
Earthsource INC
14921 Hand Road
Fort Wayne, IN 46818

AGENT(S): EarthSource INC
Attn: Ashlee Nichter

14921 Hand Road
Fort Wayne, IN 46818

DELINEATION DATE: 7/20/2022

DATE REPORT RECEIVED: 1/5/2023

TRACT LOCATION: Hamilton County

Latitude: 40.041223, Longitude: -86.069626

The project tract is approximately 35 acres in size and is located East of Hazel Dell Road and South of Westfield Road in/near Monterey Village

USACE ID: LRL-2022-01071-jde

CONCLUSIONS:

The Indiana Department of Environmental Management (IDEM) has reached the following conclusions about whether any Waters, as defined in 327 IAC 17-1-3(13), exist on the property. In accordance with 327 IAC 17-1-3(17) the department makes all isolated wetland determinations consistent with the Wetland Delineation Manual, Technical Report Y-87-1 of the United States Army Corps of Engineers.

SITE ID	ACRES	CLASS	FORESTED	EXEMPT	EXEMPTION AUTHORITY	REGULATED UNDER IC 13-18-22
Section 2A	0.02	2	No	Yes	13-18-22-1(b)(7)	No
Section 2B	0.02	2	No	Yes	13-18-22-1(b)(7)	No
Section 2C	0.05	2	No	Yes	13-18-22-1(b)(7)	No
Section 1	0.17	3	Yes	No	NA	Yes

COMMENTS:

Wetlands Section 2A, 2B, and 2C are dominated by native species and have support moderate habitat. As such, they are Class 2. They are each under 3/4 of an acre, and located in a municipality, and as such are exempt isolated wetlands according to IC 13-18-22-1(b)(7).

Wetland Section 1 has greater than 30% canopy cover and is a forested wetland. It is in a minimally disturbed forest that has been unmodified for at least 20 years. It is dominated by native species and as such has moderate wildlife habitat. It also has moderate hydrological function and as such is a Class 3 wetland.

DISCLAIMER:

This determination is based upon the information provided in the above referenced delineation report and/or the above referenced field evaluation. This determination does not relieve the recipient from the responsibility of obtaining any permits or authorizations that may be required for this project or related activities from IDEM or any other agency or person. The project site and the associated construction may be subject to 327 IAC 15-5 (Rule 5). Rule 5 specifically addresses storm water run-off and the pollutants associated with all land disturbing activities of one acre or more. If applicable, this permit must be obtained prior to the initiation of land disturbing activities. Please contact the IDEM Storm Water Program at 317-233-1864 concerning permitting for 327 IAC 15-5 (Rule 5). You may also wish to contact the Indiana Department of Natural Resources at 317-232-4160, or toll free at 877-928-3755, concerning the possible requirement of a Natural Freshwater Lake or Construction in a Floodway Permit.

This determination does not:

(1) authorize impacts or activities;
(2) authorize any injury to persons or private property or invasion of other private rights, or any infringement of federal, state or local laws or regulations;
(3) convey any property rights of any sort, or any exclusive privileges;
(4) preempt any duty to obtain federal, state or local permits or authorizations required by law for the execution of the project or related activities; or
(5) authorize changes in the plan design detailed in the application.

APPEALS PROCEDURES:

This decision may be appealed in accordance with IC 4-21.5, the Administrative Orders and Procedures Act. The steps that must be followed to qualify for review are:

1. You must petition for review in writing that states facts demonstrating that you are either the person to whom this decision is directed, a person who is aggrieved or adversely affected by the decision, or a person entitled to review under any law.

2. You must file the petition for review with the Office of Environmental Adjudication (OEA) at the following address:

   Office of Environmental Adjudication
   100 North Senate Avenue
   IGCN Room N103
   Indianapolis, IN 46204

3. You must file the petition within eighteen (18) days of the mailing date of this decision. If the eighteenth day falls on a Saturday, Sunday, legal holiday, or other day that the OEA offices are closed during regular business hours, you may file the petition the next day that the OEA offices are open during regular business hours. The petition is deemed filed on the earliest of the following dates: the date it is personally delivered to OEA; the date that the envelope containing the petition is postmarked if it is mailed by United States mail; or, the date it is shown to have been deposited with a private carrier on the private carrier's receipt, if sent by private carrier.

Identifying the permit, decision, or other order for which you seek review by number, name of the responsible, location, or date of this notice will expedite review of the petition.

Note that if a petition for review is granted pursuant to IC 4-21.5-3-7, the petitioner will, and any other person may, obtain notice of any prehearing conferences, preliminary hearings, hearings, stays, and any orders disposing of the proceedings by requesting copies of such notices from OEA.

If you have procedural or scheduling questions regarding your Petition for Administrative Review, additional information on the review process is available at the website of the Office of Environmental Adjudication at http://www.in.gov/oea.

If you have any questions about this determination, contact William Robinson by phone at 317-460-6530 or by e-mail at WRobinso@IDEM.IN.gov

cc: Ashlee Nichter, EarthSource inc.

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, LOUISVILLE DISTRICT
INDIANAPOLIS REGULATORY OFFICE
8902 OTIS AVENUE, SUITE S106B
INDIANAPOLIS, IN 46216

January 5, 2023

Regulatory Division
North Branch
ID No. LRL-2022-01071-jde

James Adams
Midland Pointe, LLC
9000 Keystone Crossing, Suite 660
Indianapolis, Indiana 46240

Dear Mr. Adams:

This is regarding the electronic correspondence dated November 30, 2022, requesting a jurisdictional determination on your behalf by Earth Source, Inc. for the Midland Pointe project site near Noblesville, Hamilton County, Indiana (latitude 40.0417° and longitude -86.0685°). A location map is enclosed. We have reviewed the submitted data relative to Section 404 of the Clean Water Act.

The U.S. Army Corps of Engineers exercises regulatory authority under Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) and Section 404 of the Clean Water Act (33 USC 1344) for certain activities in "waters of the United States (U.S.)." These waters include all waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce.

The reported isolated wetlands Section I, Section II A, Section II B, and Section II C do not appear to be used or be susceptible to use in interstate or foreign commerce. As such, the wetlands are not considered to be "waters of the U.S." and are not regulated under Section 404 of the Clean Water Act. However, this determination does not relieve you of the responsibility to comply with applicable State law. We urge you to contact the Indiana Department of Environmental Management (IDEM), Office of Water Quality at wetlandsprogram@idem.in.gov to determine the applicability of State law to the isolated wetlands mentioned above and verification of the wetland boundaries.

This letter contains an approved jurisdictional determination (JD) for your site. If you object to this JD, you may request an administrative appeal under Corps regulations at 33 CFR Part 331. Enclosed you will find a Notification of Appeal Process (NAP) fact sheet and Request for Appeal (RFA) form. If you request to appeal this JD you must submit a completed RFA form to the Lakes and Rivers Division Office at the following address:

US Army Corps of Engineers
Attn: Appeal Review Officer, CELRD-PD-REG
550 Main Street, Room 10780
Cincinnati, OH 45202-3222

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR Part 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address by **March 6, 2023**.

This jurisdictional determination is valid for a period of 5 years from the date of this letter unless new information warrants revision of the determination before the expiration date. It is not necessary to submit an RFA form to the Division office if you do not object to the JD in this letter.

The delineation included herein has been conducted to identify the location and extent of the aquatic resource boundaries and/or the jurisdictional status of aquatic resources for purposes of the Clean Water Act for the particular site identified in this request. This delineation and/or jurisdictional determination may not be valid for the Wetland Conservation Provisions of the Food Security Act of 1985, as amended. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should discuss the applicability of a certified wetland determination with the local USDA service center prior to starting work.

If we can be of any further assistance, please contact me by calling 317-543-9424 or emailing Justin.D.Eshelman@usace.army.mil. Any correspondence on this matter should reference our Identification Number LRL-2022-01071-jde.

Sincerely,

Justin Eshelman
Project Manager
Indianapolis Regulatory Office

Enclosures
Copy Furnished: Earth Source Inc. (Nichter)
IDEM (Boyd)

Approved Jurisdictional Determination
Midland Pointe LLC
LRL-2022-01071-jde
January 5, 2023

Project Name: MIDLAND POINTE	
Agent: Earth·Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607	

WETLAND DELINEATION MAP

0 250 FT 500 FT

Scale 1 IN = 250 FT

Applicant:
SECURE HOLDINGS, LLC
9000 KEYSTONE CROSSING, SUITE 660
INDIANAPOLIS, INDIANA 46240

State: INDIANA		County: HAMILTON
Township Name: NOBLESVILLE		
Township: T18N	Range: R4E	Section: SEC 3
Quadrangle: NOBLESVILLE (IN)		
Latitude/Longitude (WGS 84): 40.041740°, -86.068455°		
Date: 9-27-2022		Attachment: M6

Basemap: Farm Service Agency. 2020 Aerial. National Agriculture Imagery Program. U.S. Department of Agriculture. Salt Lake City, Utah.

892011

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Midland Pointe, LLC	File Number: LRL-2022-1071	Date: 01/05/2023
Attached is:		See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
	PERMIT DENIAL	C
X	APPROVED JURISDICTIONAL DETERMINATION	D
	PRELIMINARY JURISDICTIONAL DETERMINATION	E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at http://www.usace.army.mil/CECW/Pages/reg_materials.aspx or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Justin Eshelman
U.S. Army Corps of Engineers—Louisville District
Indianapolis Regulatory Office
8902 Otis Avenue, S106B
Indianapolis, IN 46216
(317) 543-9424
Email: Justin.D.Eshelman@usace.army.mil

If you only have questions regarding the appeal process you may also contact:

Katherine A. McCafferty
Regulatory Administrative Appeals Officer
U.S. Army Corps of Engineers,
Great Lakes and Ohio River Division
550 Main Street, Room 10780
Cincinnati, Ohio 45202-3222
Office Phone: 513-684-2699, FAX: 513-684-2460
e-mail: katherine.a.mccafferty@usace.army.mil

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

_____ Signature of appellant or agent.	Date:	Telephone number:

APPROVED JURISDICTIONAL DETERMINATION FORM
U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD):01/05/2023

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: LRL-2022-1071-jde; Midland Pointe AJD Request

C. PROJECT LOCATION AND BACKGROUND INFORMATION:
State: IN County/parish/borough: Hamilton City: Noblesville
Center coordinates of site (lat/long in degree decimal format): Lat. 40.0417° **N**, Long. -86.0685° **W**. Universal Transverse Mercator:
Name of nearest waterbody: East Fork Sly Run
Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: N/A
Name of watershed or Hydrologic Unit Code (HUC): 05120201
☒ Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.
☐ Check if other sites (e.g., offsite mitigation sites, disposal sites, etc…) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):
☒ Office (Desk) Determination. Date: 12/19/2022
☐ Field Determination. Date(s):

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There **Are no** "*navigable waters of the U.S.*" within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [*Required*]
☐ Waters subject to the ebb and flow of the tide.
☐ Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
Explain: .

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There **Are no** "*waters of the U.S.*" within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [*Required*]

1. **Waters of the U.S.**
   a. **Indicate presence of waters of U.S. in review area (check all that apply):** [1]
      ☐ TNWs, including territorial seas
      ☐ Wetlands adjacent to TNWs
      ☐ Relatively permanent waters[2] (RPWs) that flow directly or indirectly into TNWs
      ☐ Non-RPWs that flow directly or indirectly into TNWs
      ☐ Wetlands directly abutting RPWs that flow directly or indirectly into TNWs
      ☐ Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs
      ☐ Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
      ☐ Impoundments of jurisdictional waters
      ☐ Isolated (interstate or intrastate) waters, including isolated wetlands

   b. **Identify (estimate) size of waters of the U.S. in the review area:**
      Non-wetland waters: linear feet: width (ft) and/or acres.
      Wetlands: acres.

   c. **Limits (boundaries) of jurisdiction** based on: **Pick List**
      Elevation of established OHWM (if known): .

2. **Non-regulated waters/wetlands (check if applicable):**[3]
   ☒ Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional.
   Explain: **The reported wetland Section I (0.17 ac) is located within a woodlot surrounded by a fallow field and residential areas. The reported wetlands Section II A (0.02 ac), Section II B (0.02 ac), and Section II C (0.05 ac) are located within the field. The wetlands are isolated with no hydrologic or ecological connection to Waters of the U.S. and are not susceptible to use in interstate or foreign commerce. Therefore, they are not WOUS.**.

[1] Boxes checked below shall be supported by completing the appropriate sections in Section III below.
[2] For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).
[3] Supporting documentation is presented in Section III.F.

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

1. TNW
Identify TNW: .

Summarize rationale supporting determination: .

2. Wetland adjacent to TNW
Summarize rationale supporting conclusion that wetland is "adjacent": .

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under *Rapanos* have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are "relatively permanent waters" (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody[4] is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

(i) General Area Conditions:
Watershed size: **Pick List**
Drainage area: **Pick List**
Average annual rainfall: inches
Average annual snowfall: inches

(ii) Physical Characteristics:
(a) Relationship with TNW:
☐ Tributary flows directly into TNW.
☐ Tributary flows through **Pick List** tributaries before entering TNW.

Project waters are **Pick List** river miles from TNW.
Project waters are **Pick List** river miles from RPW.
Project waters are **Pick List** aerial (straight) miles from TNW.
Project waters are **Pick List** aerial (straight) miles from RPW.
Project waters cross or serve as state boundaries. Explain: .

Identify flow route to TNW[5]: .
Tributary stream order, if known: .

[4] Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.
[5] Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

(b) General Tributary Characteristics (check all that apply):

Tributary is: ☐ Natural
☐ Artificial (man-made). Explain: .
☐ Manipulated (man-altered). Explain: .

Tributary properties with respect to top of bank (estimate):
Average width: feet
Average depth: feet
Average side slopes: **Pick List.**

Primary tributary substrate composition (check all that apply):

☐ Silts	☐ Sands	☐ Concrete
☐ Cobbles	☐ Gravel	☐ Muck
☐ Bedrock	☐ Vegetation. Type/% cover:	
☐ Other. Explain: .		

Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: .
Presence of run/riffle/pool complexes. Explain: .
Tributary geometry: **Pick List**
Tributary gradient (approximate average slope): %

(c) Flow:
Tributary provides for: **Pick List**
Estimate average number of flow events in review area/year: **Pick List**
Describe flow regime: .
Other information on duration and volume: .

Surface flow is: **Pick List.** Characteristics: .

Subsurface flow: **Pick List**. Explain findings: .
☐ Dye (or other) test performed: .

Tributary has (check all that apply):
☐ Bed and banks
☐ OHWM[6] (check all indicators that apply):

☐ clear, natural line impressed on the bank	☐ the presence of litter and debris
☐ changes in the character of soil	☐ destruction of terrestrial vegetation
☐ shelving	☐ the presence of wrack line
☐ vegetation matted down, bent, or absent	☐ sediment sorting
☐ leaf litter disturbed or washed away	☐ scour
☐ sediment deposition	☐ multiple observed or predicted flow events
☐ water staining	☐ abrupt change in plant community
☐ other (list):	

☐ Discontinuous OHWM.[7] Explain: .

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):

☐ High Tide Line indicated by:	☐ Mean High Water Mark indicated by:
☐ oil or scum line along shore objects	☐ survey to available datum;
☐ fine shell or debris deposits (foreshore)	☐ physical markings;
☐ physical markings/characteristics	☐ vegetation lines/changes in vegetation types.
☐ tidal gauges	
☐ other (list):	

(iii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Explain: .
Identify specific pollutants, if known: .

[6]A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.
[7]Ibid.

(iv) Biological Characteristics. Channel supports (check all that apply):

- ☐ Riparian corridor. Characteristics (type, average width): .
- ☐ Wetland fringe. Characteristics: .
- ☐ Habitat for:
  - ☐ Federally Listed species. Explain findings: .
  - ☐ Fish/spawn areas. Explain findings: .
  - ☐ Other environmentally-sensitive species. Explain findings: .
  - ☐ Aquatic/wildlife diversity. Explain findings: .

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:

(a) General Wetland Characteristics:

Properties:

Wetland size: acres

Wetland type. Explain: .

Wetland quality. Explain: .

Project wetlands cross or serve as state boundaries. Explain: .

(b) General Flow Relationship with Non-TNW:

Flow is: **Pick List**. Explain: .

Surface flow is**: Pick List**

Characteristics: .

Subsurface flow: **Pick List**. Explain findings: .

- ☐ Dye (or other) test performed: .

(c) Wetland Adjacency Determination with Non-TNW:

- ☐ Directly abutting
- ☐ Not directly abutting
  - ☐ Discrete wetland hydrologic connection. Explain: .
  - ☐ Ecological connection. Explain: .
  - ☐ Separated by berm/barrier. Explain: .

(d) Proximity (Relationship) to TNW

Project wetlands are **Pick List** river miles from TNW.

Project waters are **Pick List** aerial (straight) miles from TNW.

Flow is from: **Pick List.**

Estimate approximate location of wetland as within the **Pick List** floodplain.

(ii) Chemical Characteristics:

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain: .

Identify specific pollutants, if known: .

(iii) Biological Characteristics. Wetland supports (check all that apply):

- ☐ Riparian buffer. Characteristics (type, average width): .
- ☐ Vegetation type/percent cover. Explain: .
- ☐ Habitat for:
  - ☐ Federally Listed species. Explain findings: .
  - ☐ Fish/spawn areas. Explain findings: .
  - ☐ Other environmentally-sensitive species. Explain findings: .
  - ☐ Aquatic/wildlife diversity. Explain findings: .

3. Characteristics of all wetlands adjacent to the tributary (if any)

All wetland(s) being considered in the cumulative analysis: **Pick List**

Approximately ( ) acres in total are being considered in the cumulative analysis.

For each wetland, specify the following:

Directly abuts? (Y/N)	Size (in acres)	Directly abuts? (Y/N)	Size (in acres)

Summarize overall biological, chemical and physical functions being performed: .

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos* Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:

1. **Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D: .

2. **Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D: .

3. **Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D: .

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):

1. **TNWs and Adjacent Wetlands.** Check all that apply and provide size estimates in review area:
   - ☐ TNWs: linear feet width (ft), Or, acres.
   - ☐ Wetlands adjacent to TNWs: acres.

2. **RPWs that flow directly or indirectly into TNWs.**
   - ☐ Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial: .
   - ☐ Tributaries of TNW where tributaries have continuous flow "seasonally" (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally: .

Provide estimates for jurisdictional waters in the review area (check all that apply):
☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters: .

3. **Non-RPWs[8] that flow directly or indirectly into TNWs.**
☐ Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional waters within the review area (check all that apply):
☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters: .

4. **Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.**
☐ Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.
☐ Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .

☐ Wetlands directly abutting an RPW where tributaries typically flow "seasonally." Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

5. **Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs.**
☐ Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisidictional. Data supporting this conclusion is provided at Section III.C.

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

6. **Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.**
☐ Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional wetlands in the review area: acres.

7. **Impoundments of jurisdictional waters.[9]**
As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.
☐ Demonstrate that impoundment was created from "waters of the U.S.," or
☐ Demonstrate that water meets the criteria for one of the categories presented above (1-6), or
☐ Demonstrate that water is isolated with a nexus to commerce (see E below).

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS (CHECK ALL THAT APPLY):[10]
☐ which are or could be used by interstate or foreign travelers for recreational or other purposes.
☐ from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
☐ which are or could be used for industrial purposes by industries in interstate commerce.
☐ Interstate isolated waters. Explain: .
☐ Other factors. Explain: .

Identify water body and summarize rationale supporting determination: .

---

[8] See Footnote # 3.
[9] To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.
[10] Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA *Memorandum Regarding CWA Act Jurisdiction Following Rapanos.*

Provide estimates for jurisdictional waters in the review area (check all that apply):
☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters: .
☐ Wetlands: acres.

F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY):
☐ If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements.
☒ Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce.
☒ Prior to the Jan 2001 Supreme Court decision in "*SWANCC*," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR).
☐ Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction. Explain: .
☐ Other: (explain, if not covered above): .

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment (check all that apply):
☐ Non-wetland waters (i.e., rivers, streams): linear feet width (ft).
☐ Lakes/ponds: acres.
☐ Other non-wetland waters: acres. List type of aquatic resource: .
☒ Wetlands: 0.26 acres.

Provide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (check all that apply):
☐ Non-wetland waters (i.e., rivers, streams): linear feet, width (ft).
☐ Lakes/ponds: acres.
☐ Other non-wetland waters: acres. List type of aquatic resource: .
☐ Wetlands: acres.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):
☒ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant:Midland Pointe Wetland Delineation Report.
☒ Data sheets prepared/submitted by or on behalf of the applicant/consultant.
☒ Office concurs with data sheets/delineation report.
☐ Office does not concur with data sheets/delineation report.
☐ Data sheets prepared by the Corps: .
☐ Corps navigable waters' study: .
☐ U.S. Geological Survey Hydrologic Atlas: .
☐ USGS NHD data.
☐ USGS 8 and 12 digit HUC maps.
☒ U.S. Geological Survey map(s). Cite scale & quad name:7.5', Noblesville, IN (delineation report).
☒ USDA Natural Resources Conservation Service Soil Survey. Citation: Web Soil Survey, Hamilton County (delineation report).
☒ National wetlands inventory map(s). Cite name: map in delineation report.
☐ State/Local wetland inventory map(s): .
☒ FEMA/FIRM maps: FEMA National Flood Hazard Layer (NRV).
☐ 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
☒ Photographs: ☒ Aerial (Name & Date):2020 National Agriculture Imagery Program (delineation report).
or ☒ Other (Name & Date):Site photos in delineation report (07/20/2022).
☐ Previous determination(s). File no. and date of response letter: .
☐ Applicable/supporting case law: .
☐ Applicable/supporting scientific literature: .
☒ Other information (please specify):LiDAR DEM and Hillshade (NRV).

B. ADDITIONAL COMMENTS TO SUPPORT JD: .

Earth·Source Inc
Committed to Excellence in Land Stewardship & Design for over 30 years

Ms. Eva Boyd
Indiana Department of Environmental Management
100 N. Senate Ave.
Mail Code 65-42
Indianapolis, IN 46204-2251

January 5, 2023

re: ACOE No.: LRL-2022-01071-jde
Midland Pointe
Hamilton County, Indiana

Dear Ms. Boyd:

We are requesting a Waters of the State Determination for the Midland Pointe project site located in Noblesville, in Section 3 of Noblesville Township (Township 18 North, Range 4 East) of Hamilton County, Indiana. In accordance with IC-13-18, we are declaring wetland Section I and Section IIA-C as exempt isolated wetlands under clauses IC-13-18-22-1(b)(7) and IC-13-11-2-74.5(a)(5):

> Section I is a 0.17-acre Class II forested wetland. The wetland is impounded on the south by Midland Trace Trail (former railroad) and on the west by Hazel Dell Road. The wetland's main hydrology input is the roadside drainage from these features. The wetland meets the definition of a Class II wetland under clause IC-13-11-2-25.8(a)(2) as a wetland that supports moderate habitat or hydrological functions, including an isolated wetland that is dominated by native species, but is generally without the presence of or habitat for rare, threatened, or endangered species. The wetland meets the definition of an exempt isolated wetland under clause IC-13-18-22-1(b)(7) as a Class II wetland located within the boundaries of a municipality (Noblesville) and has an area, as delineated, of not more than three-fourths (3/4) acre.
>
> Section IIA-C are a series of three Class I emergent wetlands totaling 0.09 acres. The wetlands developed as the eroded areas within a flow path that was constructed between 2018 and 2019. The wetland meets the definition of a Class I wetland under clause IC-13-11-2-25.8(a)(1)(A) as a wetland that at least 50% of the wetland has been disturbed or affected by human activity and IC-13-11-2-25.8(a)(1)(B)(iii-iv) as a wetland that does not support significant wildlife or aquatic habitat or possess significant hydrologic function. The wetland meets the definition of an exempt wetland under clause IC-13-11-2-74.5(a)(5) as a Class I wetland.

If we can be of any assistance or answer any questions regarding the project, please do not hesitate to contact us at your earliest convenience.

Sincerely,
***Earth Source** Inc.*,

Ashlee N. Nichter
Environmental Scientist

Enclosures

State Regulated Wetland Class Determination Worksheet

State Form 57155 (10-21)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

INSTRUCTIONS

(1) Complete this form when conducting wetland delineations One form should be completed for each wetland on-site.

(2) If a wetland meets the definition for multiple wetland classes, the wetland will be classified according to the higher class.

(3) *Submit all completed forms with your wetland delineation and Approved Jurisdictional Determination or official U.S. Army Corps of Engineers correspondence when applying for Waters of the State Determinations or State Regulated Wetland Permits. Additional information regarding how to request Indiana Natural Heritage Data, including fees, required information, and timeframes, is available at https://www.in.gov/dnr/nature-preserves/heritage-data-center/about-inhdc/.*

IDEM, Office of Water Quality
Wetlands Program
100 North Senate Avenue, Room 1255
Indianapolis, IN 46204

Questions regarding this form may be directed to:

Phone: (317) 233-8488 or
(800) 451-6027, ext. 38488 (within Indiana)

Program Email: WetlandsProgram@idem.IN.gov

Program Staff: https://www.in.gov/idem/wetlands/

Program Website:
https://www.in.gov/idem/wetlands/

Form Completed By:

First Name:	Last Name:	Agent Affiliation (Company Name):
Ashlee	Nichter	Earth Source, Inc.

Phone Number:	Email address:
260-489-8511	anichter@earthsourceinc.net

Project Name:	Wetland ID (per the wetland delineation):	Wetland Size (Acres):
Midland Pointe	Section I	0.17

STATE REGULATED WETLAND CLASSIFICATION: ☐ **Class I** ☒ **Class II** ☐ **Class III**

Class III Assessment

(1) Is the wetland a listed rare or ecologically important type under IC 13-11-2-25.8(3)(B)? ☐ **Yes** ☒ **No**

If yes, please indicate:

☐ Acid Bog ☐ Acid Seep ☐ Circumneutral Bog ☐ Circumneutral Seep ☐ Cypress Swamp ☐ Dune and Swale

☐ Fen ☐ Forested Fen ☐ Forested Swamp ☐ Marl Beach ☐ Muck Flat ☐ Panne ☐ Sand Flat ☐ Sedge Meadow

☐ Shrub Swamp ☐ Sinkhole Pond ☐ Sinkhole Swamp ☐ Wet Floodplain Forest ☐ Wet Prairie ☐ Wet Sand Prairie

If yes, the Wetland is Class III. Check Class III at the top of the form and the form is now complete.
If no, proceed to Question (2).

(2) Does the wetland generally possess the presence of, or habitat for rare, threatened, or endangered species within a ½ mile radius according to the IDNR Natural Heritage Database **AND** the species uses the habitat for any stage of its life cycle? ☐ **Yes** ☒ **No**

If yes, the Wetland is Class III. Check Class III at the top of the form and the form is now complete.
If no, proceed to Question (3).

(3) Is the wetland in an undisturbed or minimally disturbed setting? ☐ **Yes** ☒ **No**

If yes, answer Question (4) and Question (5). If no, please provide a justification as an attachment to this form and proceed to the Wetland Habitat Functional Assessment.

(4) Does the wetland support more than minimal wildlife or aquatic habitat? **Please complete the Habitat Functional Assessment below. If yes, the Wetland is Class III.** ☐ **Yes** ☐ **No**

(5) Does the wetland support more than minimal hydrological function? **Please complete the Hydrology Functional Assessment below. If yes, the Wetland is Class III.** ☐ **Yes** ☐ **No**

Please include any additional comments, justifications, and/or supporting documentation related to the Class III Assessment as a separate attachment appended to this form.

Section I is a forested wetland impounded on the south side by the Midland Trace Trail. The wetland receives hydrology from roadside drainage from Hazel Dell Road and the trail (former railroad grade). Only two (2) secondary hydrology indicators were present at the time of delineation, Geomorphic position and FAC-Neutral Test.

Any of the following scenarios indicate the Wetland is Class III:

- *Checking 'Yes' for Question 1*
- *Checking 'Yes' for Question 2*
- *Checking 'Yes' for Question 3 and Question 4*
- *Checking 'Yes' for Question 3 and Question 5*

If the Wetland is Class III, check Class III at the top of the form, c applicable), and the form is now complete.

Wetland Habitat Functional Assessment:

(6) Does the wetland support moderate habitat? (see options below) ☒ Yes ☐ No

Checking yes also meets the requirements of Question 4.

One "Yes" response below is needed to show moderate habitat function.

- **Indicators of moderate habitat function:**
  - Species of Special Concern within a ½ mile radius of the wetland according to the IDNR Natural Heritage Database **AND** the listed species or a life cycle stage uses wetlands for habitat? ☐ Yes ☒ No
  - Does the wetland provide habitat corridors between necessary habitat for mobile, state-listed species? ☐ Yes ☒ No
  - Are there Important Bird Areas (IBA) mapped for the wetland or within a ½ mile radius? https://databasin.org/datasets/fdb91971a11d46d39661f0a56c3585ca/ ☐ Yes ☒ No
  - Is the wetland dominated by native species? ☒ Yes ☐ No
  - Does the wetland support multiple layers of species habitat (wading birds, dabblers, reptiles, amphibians, etc.)? ☐ Yes ☒ No
  - Do Rapid Assessment Methods indicate that the wetland supports moderate habitat? ☐ Yes ☒ No
    Indicate which method used:
  - Are other moderate habitat indicators present *(Explain in Remarks)*? ☐ Yes ☒ No

Please include any additional comments, justifications, and/or supporting documentation related to the Wetland Habitat Functional Assessment as a separate attachment appended to this form.

Wetland Hydrology Functional Assessment:

(7) Does the wetland support moderate hydrological function? (see options below) ☒ Yes ☐ No

Checking yes also meets the requirements of Question 5.

Indicators of moderate hydrological function. At least one primary indicator or two secondary indicators are needed to show moderate hydrological function.

- **Primary Indicators:**
  - ☐ Wetland meets two or more primary hydrology indicators on the wetland determination data form.
  - ☐ Wetland is located within a floodway or floodplain.
  - ☐ Wetland position in the watershed is 1st-3rd order or 4th – 5th order if the substrate is sand or silt.
  - ☐ Wetland possesses strong hydric soil indicators (gleyed matrix or >20% redox/mottles present).
  - ☐ Wetland is located within a groundwater Wellhead Protection Area. https://www.in.gov/idem/cleanwater/information-about/groundwater-monitoring-and-source-water-protection/wellhead-protection-program/source-water-proximity-determination-tool/

- **Secondary Indicators:**
  - ☐ Wetland is 0.75 acre or larger in size, indicating at least moderate water storage capacity.
  - ☒ Dominant vegetation in wetland is highly adapted to prolonged inundation (FACW, OBL dominance).
  - ☐ Wetland substrate is sand or silt, indicating higher hydraulic conductivity.
  - ☐ Wetland is located within a highly developed landscape (>75% impervious surface in ½ mile radius).
  - ☐ Parcel with wetland is bordered by development, roads, or impervious surfaces.
  - ☐ Wetland is located within a drinking water Source Water Susceptibility Area.
  - ☒ Wetland is located within a drinking water Source Water Assessment Area
  - ☐ Other *(Explain in Remarks)*

Please include any additional comments, justifications and/or supporting documentation related to the Wetland Hydrology Functional Assessment as a separate attachment appended to this form.

Any of the following scenarios indicate the Wetland is Class II:

Only Checking 'Yes' to Question (6)

Only Checking 'Yes' to Question (7)

If the Wetland is Class II, check Class II at the top of the form, and the form is now complete.

If the Wetland is not Class III or Class II, check Class I at the top of the form and the form is now complete.

Supporting Guidance Documents:

- **State Regulated Wetlands:** https://www.in.gov/idem/wetlands/information-about/isolated-wetlands-program/

State Regulated Wetland Class Determination Worksheet

State Form 57155 (10-21)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

INSTRUCTIONS

(1) Complete this form when conducting wetland delineations One form should be completed for each wetland on-site.

(2) If a wetland meets the definition for multiple wetland classes, the wetland will be classified according to the higher class.

(3) *Submit all completed forms with your wetland delineation and Approved Jurisdictional Determination or official U.S. Army Corps of Engineers correspondence when applying for Waters of the State Determinations or State Regulated Wetland Permits. Additional information regarding how to request Indiana Natural Heritage Data, including fees, required information, and timeframes, is available at https://www.in.gov/dnr/nature-preserves/heritage-data-center/about-inhdc/.*

IDEM, Office of Water Quality
Wetlands Program
100 North Senate Avenue, Room 1255
Indianapolis, IN 46204

Questions regarding this form may be directed to:

Phone: (317) 233-8488 or
(800) 451-6027, ext. 38488 (within Indiana)

Program Email: WetlandsProgram@idem.IN.gov

Program Staff: https://www.in.gov/idem/wetlands/

Program Website:
https://www.in.gov/idem/wetlands/

Form Completed By:

First Name:	Last Name:	Agent Affiliation (Company Name):
Ashlee	Nichter	Earth Source, Inc.

Phone Number:	Email address:
260-489-8511	anichter@earthsourceinc.net

Project Name:	Wetland ID (per the wetland delineation):	Wetland Size (Acres):
Midland Pointe	Section IIA	0.02

STATE REGULATED WETLAND CLASSIFICATION: ☒ **Class I** ☐ **Class II** ☐ **Class III**

Class III Assessment

(1) Is the wetland a listed rare or ecologically important type under IC 13-11-2-25.8(3)(B)? ☐ **Yes** ☒ **No**

If yes, please indicate:

☐ Acid Bog ☐ Acid Seep ☐ Circumneutral Bog ☐ Circumneutral Seep ☐ Cypress Swamp ☐ Dune and Swale

☐ Fen ☐ Forested Fen ☐ Forested Swamp ☐ Marl Beach ☐ Muck Flat ☐ Panne ☐ Sand Flat ☐ Sedge Meadow

☐ Shrub Swamp ☐ Sinkhole Pond ☐ Sinkhole Swamp ☐ Wet Floodplain Forest ☐ Wet Prairie ☐ Wet Sand Prairie

If yes, the Wetland is Class III. Check Class III at the top of the form and the form is now complete.
If no, proceed to Question (2).

(2) Does the wetland generally possess the presence of, or habitat for rare, threatened, or endangered species within a ½ mile radius according to the IDNR Natural Heritage Database **AND** the species uses the habitat for any stage of its life cycle? ☐ **Yes** ☒ **No**

If yes, the Wetland is Class III. Check Class III at the top of the form and the form is now complete.
If no, proceed to Question (3).

(3) Is the wetland in an undisturbed or minimally disturbed setting? ☐ **Yes** ☒ **No**

If yes, answer Question (4) and Question (5). If no, please provide a justification as an attachment to this form and proceed to the Wetland Habitat Functional Assessment.

(4) Does the wetland support more than minimal wildlife or aquatic habitat? **Please complete the Habitat Functional Assessment below. If yes, the Wetland is Class III.** ☐ **Yes** ☐ **No**

(5) Does the wetland support more than minimal hydrological function? **Please complete the Hydrology Functional Assessment below. If yes, the Wetland is Class III.** ☐ **Yes** ☐ **No**

Please include any additional comments, justifications, and/or supporting documentation related to the Class III Assessment as a separate attachment appended to this form.

Section IIA is a small emergent wetland located within an erosional depression within a constructed stormwater conveyance. The flow path was constructed between 2018 and 2019. The wetland is dominated by wetland and upland species.

Any of the following scenarios indicate the Wetland is Class III:

- *Checking 'Yes' for Question 1*
- *Checking 'Yes' for Question 2*
- *Checking 'Yes' for Question 3 and Question 4*
- *Checking 'Yes' for Question 3 and Question 5*

If the Wetland is Class III, check Class III at the top of the form, c applicable), and the form is now complete.

Wetland Habitat Functional Assessment:

(6) Does the wetland support moderate habitat? (see options below) ☒ Yes ☐ No

Checking yes also meets the requirements of Question 4.

One "Yes" response below is needed to show moderate habitat function.

- **Indicators of moderate habitat function:**
  - Species of Special Concern within a ½ mile radius of the wetland according to the IDNR Natural Heritage Database **AND** the listed species or a life cycle stage uses wetlands for habitat? ☐ Yes ☒ No
  - Does the wetland provide habitat corridors between necessary habitat for mobile, state-listed species? ☐ Yes ☒ No
  - Are there Important Bird Areas (IBA) mapped for the wetland or within a ½ mile radius? https://databasin.org/datasets/fdb91971a11d46d39661f0a56c3585ca/ ☐ Yes ☒ No
  - Is the wetland dominated by native species? ☒ Yes ☐ No
  - Does the wetland support multiple layers of species habitat (wading birds, dabblers, reptiles, amphibians, etc.)? ☐ Yes ☒ No
  - Do Rapid Assessment Methods indicate that the wetland supports moderate habitat? ☐ Yes ☒ No
    Indicate which method used:
  - Are other moderate habitat indicators present *(Explain in Remarks)*? ☐ Yes ☒ No

Please include any additional comments, justifications, and/or supporting documentation related to the Wetland Habitat Functional Assessment as a separate attachment appended to this form.

Wetland Hydrology Functional Assessment:

(7) Does the wetland support moderate hydrological function? (see options below) ☐ Yes ☒ No

Checking yes also meets the requirements of Question 5.

Indicators of moderate hydrological function. At least one primary indicator or two secondary indicators are needed to show moderate hydrological function.

- **Primary Indicators:**
  - ☐ Wetland meets two or more primary hydrology indicators on the wetland determination data form.
  - ☐ Wetland is located within a floodway or floodplain.
  - ☐ Wetland position in the watershed is 1st-3rd order or 4th – 5th order if the substrate is sand or silt.
  - ☐ Wetland possesses strong hydric soil indicators (gleyed matrix or >20% redox/mottles present).
  - ☐ Wetland is located within a groundwater Wellhead Protection Area. https://www.in.gov/idem/cleanwater/information-about/groundwater-monitoring-and-source-water-protection/wellhead-protection-program/source-water-proximity-determination-tool/

- **Secondary Indicators:**
  - ☐ Wetland is 0.75 acre or larger in size, indicating at least moderate water storage capacity.
  - ☐ Dominant vegetation in wetland is highly adapted to prolonged inundation (FACW, OBL dominance).
  - ☐ Wetland substrate is sand or silt, indicating higher hydraulic conductivity.
  - ☐ Wetland is located within a highly developed landscape (>75% impervious surface in ½ mile radius).
  - ☐ Parcel with wetland is bordered by development, roads, or impervious surfaces.
  - ☐ Wetland is located within a drinking water Source Water Susceptibility Area.
  - ☒ Wetland is located within a drinking water Source Water Assessment Area
  - ☐ Other *(Explain in Remarks)*

Please include any additional comments, justifications and/or supporting documentation related to the Wetland Hydrology Functional Assessment as a separate attachment appended to this form.

Any of the following scenarios indicate the Wetland is Class II:

Only Checking 'Yes' to Question (6)

Only Checking 'Yes' to Question (7)

If the Wetland is Class II, check Class II at the top of the form, and the form is now complete.

If the Wetland is not Class III or Class II, check Class I at the top of the form and the form is now complete.

Supporting Guidance Documents:

- **State Regulated Wetlands:** https://www.in.gov/idem/wetlands/information-about/isolated-wetlands-program/

State Regulated Wetland Class Determination Worksheet

State Form 57155 (10-21)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

INSTRUCTIONS

(1) Complete this form when conducting wetland delineations One form should be completed for each wetland on-site.

(2) If a wetland meets the definition for multiple wetland classes, the wetland will be classified according to the higher class.

(3) *Submit all completed forms with your wetland delineation and Approved Jurisdictional Determination or official U.S. Army Corps of Engineers correspondence when applying for Waters of the State Determinations or State Regulated Wetland Permits. Additional information regarding how to request Indiana Natural Heritage Data, including fees, required information, and timeframes, is available at https://www.in.gov/dnr/nature-preserves/heritage-data-center/about-inhdc/.*

IDEM, Office of Water Quality
Wetlands Program
100 North Senate Avenue, Room 1255
Indianapolis, IN 46204

Questions regarding this form may be directed to:

Phone: (317) 233-8488 or
(800) 451-6027, ext. 38488 (within Indiana)

Program Email: WetlandsProgram@idem.IN.gov

Program Staff: https://www.in.gov/idem/wetlands/

Program Website:
https://www.in.gov/idem/wetlands/

Form Completed By:

First Name:	Last Name:	Agent Affiliation (Company Name):
Ashlee	Nichter	Earth Source, Inc.

Phone Number:	Email address:
260-489-8511	anichter@earthsourceinc.net

Project Name:	Wetland ID (per the wetland delineation):	Wetland Size (Acres):
Midland Pointe	Section IIB	0.02

STATE REGULATED WETLAND CLASSIFICATION: ☒ **Class I** ☐ **Class II** ☐ **Class III**

Class III Assessment

(1) Is the wetland a listed rare or ecologically important type under IC 13-11-2-25.8(3)(B)? ☐ **Yes** ☒ **No**

If yes, please indicate:

☐ Acid Bog ☐ Acid Seep ☐ Circumneutral Bog ☐ Circumneutral Seep ☐ Cypress Swamp ☐ Dune and Swale

☐ Fen ☐ Forested Fen ☐ Forested Swamp ☐ Marl Beach ☐ Muck Flat ☐ Panne ☐ Sand Flat ☐ Sedge Meadow

☐ Shrub Swamp ☐ Sinkhole Pond ☐ Sinkhole Swamp ☐ Wet Floodplain Forest ☐ Wet Prairie ☐ Wet Sand Prairie

If yes, the Wetland is Class III. Check Class III at the top of the form and the form is now complete.
If no, proceed to Question (2).

(2) Does the wetland generally possess the presence of, or habitat for rare, threatened, or endangered species within a ½ mile radius according to the IDNR Natural Heritage Database **AND** the species uses the habitat for any stage of its life cycle? ☐ **Yes** ☒ **No**

If yes, the Wetland is Class III. Check Class III at the top of the form and the form is now complete.
If no, proceed to Question (3).

(3) Is the wetland in an undisturbed or minimally disturbed setting? ☐ **Yes** ☒ **No**

If yes, answer Question (4) and Question (5). If no, please provide a justification as an attachment to this form and proceed to the Wetland Habitat Functional Assessment.

(4) Does the wetland support more than minimal wildlife or aquatic habitat? **Please complete the Habitat Functional Assessment below. If yes, the Wetland is Class III.** ☐ **Yes** ☐ **No**

(5) Does the wetland support more than minimal hydrological function? **Please complete the Hydrology Functional Assessment below. If yes, the Wetland is Class III.** ☐ **Yes** ☐ **No**

Please include any additional comments, justifications, and/or supporting documentation related to the Class III Assessment as a separate attachment appended to this form.

Section IIB is a small emergent wetland located within an erosional depression within a constructed stormwater conveyance. The flow path was constructed between 2018 and 2019. The wetland is dominated by wetland and upland species.

Any of the following scenarios indicate the Wetland is Class III:

- *Checking 'Yes' for Question 1*
- *Checking 'Yes' for Question 2*
- *Checking 'Yes' for Question 3 and Question 4*
- *Checking 'Yes' for Question 3 and Question 5*

If the Wetland is Class III, check Class III at the top of the form, c applicable), and the form is now complete.

Wetland Habitat Functional Assessment:

(6) Does the wetland support moderate habitat? (see options below) ☒ Yes ☐ No

Checking yes also meets the requirements of Question 4.

One "Yes" response below is needed to show moderate habitat function.

- **Indicators of moderate habitat function:**
  - Species of Special Concern within a ½ mile radius of the wetland according to the IDNR Natural Heritage Database **AND** the listed species or a life cycle stage uses wetlands for habitat? ☐ Yes ☒ No
  - Does the wetland provide habitat corridors between necessary habitat for mobile, state-listed species? ☐ Yes ☒ No
  - Are there Important Bird Areas (IBA) mapped for the wetland or within a ½ mile radius? https://databasin.org/datasets/fdb91971a11d46d39661f0a56c3585ca/ ☐ Yes ☒ No
  - Is the wetland dominated by native species? ☒ Yes ☐ No
  - Does the wetland support multiple layers of species habitat (wading birds, dabblers, reptiles, amphibians, etc.)? ☐ Yes ☒ No
  - Do Rapid Assessment Methods indicate that the wetland supports moderate habitat? ☐ Yes ☒ No
    Indicate which method used:
  - Are other moderate habitat indicators present *(Explain in Remarks)*? ☐ Yes ☒ No

Please include any additional comments, justifications, and/or supporting documentation related to the Wetland Habitat Functional Assessment as a separate attachment appended to this form.

Wetland Hydrology Functional Assessment:

(7) Does the wetland support moderate hydrological function? (see options below) ☐ Yes ☒ No

Checking yes also meets the requirements of Question 5.

Indicators of moderate hydrological function. At least one primary indicator or two secondary indicators are needed to show moderate hydrological function.

- **Primary Indicators:**
  - ☐ Wetland meets two or more primary hydrology indicators on the wetland determination data form.
  - ☐ Wetland is located within a floodway or floodplain.
  - ☐ Wetland position in the watershed is 1st-3rd order or 4th – 5th order if the substrate is sand or silt.
  - ☐ Wetland possesses strong hydric soil indicators (gleyed matrix or >20% redox/mottles present).
  - ☐ Wetland is located within a groundwater Wellhead Protection Area. https://www.in.gov/idem/cleanwater/information-about/groundwater-monitoring-and-source-water-protection/wellhead-protection-program/source-water-proximity-determination-tool/

- **Secondary Indicators:**
  - ☐ Wetland is 0.75 acre or larger in size, indicating at least moderate water storage capacity.
  - ☐ Dominant vegetation in wetland is highly adapted to prolonged inundation (FACW, OBL dominance).
  - ☐ Wetland substrate is sand or silt, indicating higher hydraulic conductivity.
  - ☐ Wetland is located within a highly developed landscape (>75% impervious surface in ½ mile radius).
  - ☐ Parcel with wetland is bordered by development, roads, or impervious surfaces.
  - ☐ Wetland is located within a drinking water Source Water Susceptibility Area.
  - ☒ Wetland is located within a drinking water Source Water Assessment Area
  - ☐ Other *(Explain in Remarks)*

Please include any additional comments, justifications and/or supporting documentation related to the Wetland Hydrology Functional Assessment as a separate attachment appended to this form.

Any of the following scenarios indicate the Wetland is Class II:

Only Checking 'Yes' to Question (6)

Only Checking 'Yes' to Question (7)

If the Wetland is Class II, check Class II at the top of the form, and the form is now complete.

If the Wetland is not Class III or Class II, check Class I at the top of the form and the form is now complete.

Supporting Guidance Documents:

- **State Regulated Wetlands:** https://www.in.gov/idem/wetlands/information-about/isolated-wetlands-program/

State Regulated Wetland Class Determination Worksheet

State Form 57155 (10-21)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

INSTRUCTIONS

(1) Complete this form when conducting wetland delineations One form should be completed for each wetland on-site.

(2) If a wetland meets the definition for multiple wetland classes, the wetland will be classified according to the higher class.

(3) *Submit all completed forms with your wetland delineation and Approved Jurisdictional Determination or official U.S. Army Corps of Engineers correspondence when applying for Waters of the State Determinations or State Regulated Wetland Permits. Additional information regarding how to request Indiana Natural Heritage Data, including fees, required information, and timeframes, is available at https://www.in.gov/dnr/nature-preserves/heritage-data-center/about-inhdc/.*

IDEM, Office of Water Quality
Wetlands Program
100 North Senate Avenue, Room 1255
Indianapolis, IN 46204

Questions regarding this form may be directed to:

Phone: (317) 233-8488 or
(800) 451-6027, ext. 38488 (within Indiana)

Program Email: WetlandsProgram@idem.IN.gov

Program Staff: https://www.in.gov/idem/wetlands/

Program Website:
https://www.in.gov/idem/wetlands/

Form Completed By:

First Name:	Last Name:	Agent Affiliation (Company Name):
Ashlee	Nichter	Earth Source, Inc.

Phone Number:	Email address:
260-489-8511	anichter@earthsourceinc.net

Project Name:	Wetland ID (per the wetland delineation):	Wetland Size (Acres):
Midland Pointe	Section IIC	0.05

STATE REGULATED WETLAND CLASSIFICATION: ☒ **Class I** ☐ **Class II** ☐ **Class III**

Class III Assessment

(1) Is the wetland a listed rare or ecologically important type under IC 13-11-2-25.8(3)(B)? ☐ **Yes** ☒ **No**

If yes, please indicate:

☐ Acid Bog ☐ Acid Seep ☐ Circumneutral Bog ☐ Circumneutral Seep ☐ Cypress Swamp ☐ Dune and Swale

☐ Fen ☐ Forested Fen ☐ Forested Swamp ☐ Marl Beach ☐ Muck Flat ☐ Panne ☐ Sand Flat ☐ Sedge Meadow

☐ Shrub Swamp ☐ Sinkhole Pond ☐ Sinkhole Swamp ☐ Wet Floodplain Forest ☐ Wet Prairie ☐ Wet Sand Prairie

If yes, the Wetland is Class III. Check Class III at the top of the form and the form is now complete.
If no, proceed to Question (2).

(2) Does the wetland generally possess the presence of, or habitat for rare, threatened, or endangered species within a ½ mile radius according to the IDNR Natural Heritage Database **AND** the species uses the habitat for any stage of its life cycle? ☐ **Yes** ☒ **No**

If yes, the Wetland is Class III. Check Class III at the top of the form and the form is now complete.
If no, proceed to Question (3).

(3) Is the wetland in an undisturbed or minimally disturbed setting? ☐ **Yes** ☒ **No**

If yes, answer Question (4) and Question (5). If no, please provide a justification as an attachment to this form and proceed to the Wetland Habitat Functional Assessment.

(4) Does the wetland support more than minimal wildlife or aquatic habitat? **Please complete the Habitat Functional Assessment below. If yes, the Wetland is Class III.** ☐ **Yes** ☐ **No**

(5) Does the wetland support more than minimal hydrological function? **Please complete the Hydrology Functional Assessment below. If yes, the Wetland is Class III.** ☐ **Yes** ☐ **No**

Please include any additional comments, justifications, and/or supporting documentation related to the Class III Assessment as a separate attachment appended to this form.

Section IIC is a small emergent wetland located within an erosional depression within a constructed stormwater conveyance. The flow path was constructed between 2018 and 2019.

Any of the following scenarios indicate the Wetland is Class III:

- *Checking 'Yes' for Question 1*
- *Checking 'Yes' for Question 2*
- *Checking 'Yes' for Question 3 and Question 4*
- *Checking 'Yes' for Question 3 and Question 5*

If the Wetland is Class III, check Class III at the top of the form, c applicable), and the form is now complete.

Wetland Habitat Functional Assessment:

(6) Does the wetland support moderate habitat? (see options below) ☒ Yes ☐ No

Checking yes also meets the requirements of Question 4.

One "Yes" response below is needed to show moderate habitat function.

- **Indicators of moderate habitat function:**
  - Species of Special Concern within a ½ mile radius of the wetland according to the IDNR Natural Heritage Database **AND** the listed species or a life cycle stage uses wetlands for habitat? ☐ Yes ☒ No
  - Does the wetland provide habitat corridors between necessary habitat for mobile, state-listed species? ☐ Yes ☒ No
  - Are there Important Bird Areas (IBA) mapped for the wetland or within a ½ mile radius? https://databasin.org/datasets/fdb91971a11d46d39661f0a56c3585ca/ ☐ Yes ☒ No
  - Is the wetland dominated by native species? ☒ Yes ☐ No
  - Does the wetland support multiple layers of species habitat (wading birds, dabblers, reptiles, amphibians, etc.)? ☐ Yes ☒ No
  - Do Rapid Assessment Methods indicate that the wetland supports moderate habitat? ☐ Yes ☒ No
    Indicate which method used:
  - Are other moderate habitat indicators present *(Explain in Remarks)*? ☐ Yes ☒ No

Please include any additional comments, justifications, and/or supporting documentation related to the Wetland Habitat Functional Assessment as a separate attachment appended to this form.

Wetland Hydrology Functional Assessment:

(7) Does the wetland support moderate hydrological function? (see options below) ☐ Yes ☒ No

Checking yes also meets the requirements of Question 5.

Indicators of moderate hydrological function. At least one primary indicator or two secondary indicators are needed to show moderate hydrological function.

- **Primary Indicators:**
  - ☐ Wetland meets two or more primary hydrology indicators on the wetland determination data form.
  - ☐ Wetland is located within a floodway or floodplain.
  - ☐ Wetland position in the watershed is 1st-3rd order or 4th – 5th order if the substrate is sand or silt.
  - ☐ Wetland possesses strong hydric soil indicators (gleyed matrix or >20% redox/mottles present).
  - ☐ Wetland is located within a groundwater Wellhead Protection Area. https://www.in.gov/idem/cleanwater/information-about/groundwater-monitoring-and-source-water-protection/wellhead-protection-program/source-water-proximity-determination-tool/

- **Secondary Indicators:**
  - ☐ Wetland is 0.75 acre or larger in size, indicating at least moderate water storage capacity.
  - ☐ Dominant vegetation in wetland is highly adapted to prolonged inundation (FACW, OBL dominance).
  - ☐ Wetland substrate is sand or silt, indicating higher hydraulic conductivity.
  - ☐ Wetland is located within a highly developed landscape (>75% impervious surface in ½ mile radius).
  - ☐ Parcel with wetland is bordered by development, roads, or impervious surfaces.
  - ☐ Wetland is located within a drinking water Source Water Susceptibility Area.
  - ☒ Wetland is located within a drinking water Source Water Assessment Area
  - ☐ Other *(Explain in Remarks)*

Please include any additional comments, justifications and/or supporting documentation related to the Wetland Hydrology Functional Assessment as a separate attachment appended to this form.

Any of the following scenarios indicate the Wetland is Class II:

Only Checking 'Yes' to Question (6)

Only Checking 'Yes' to Question (7)

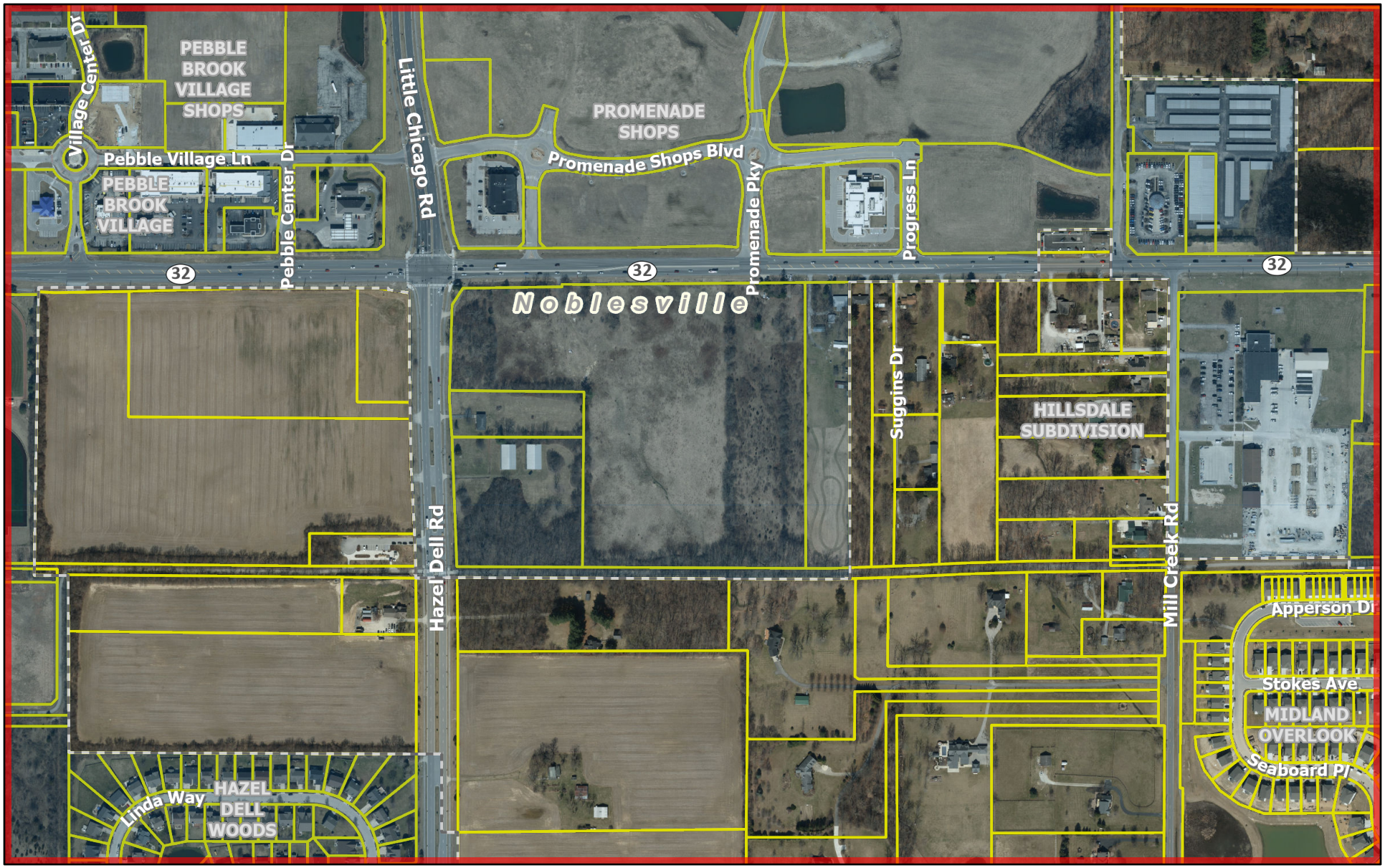
If the Wetland is Class II, check Class II at the top of the form, and the form is now complete.

If the Wetland is not Class III or Class II, check Class I at the top of the form and the form is now complete.

Supporting Guidance Documents:

- **State Regulated Wetlands:** https://www.in.gov/idem/wetlands/information-about/isolated-wetlands-program/

Midland Pointe



January 5, 2023

1:6,000

0 0.05 0.1 0.2 mi

0 0.07 0.15 0.3 km

Minor Roads

Major Roads

State Highways

Subdivisions

Parcels

Author: Hamilton County

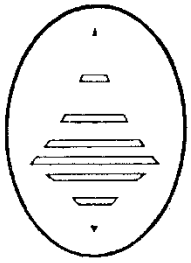
WETLAND DELINEATION REPORT

MIDLAND POINTE

Prepared for:

SECURE HOLDINGS, LLC
9000 KEYSTONE CROSSING, SUITE 660
INDIANAPOLIS, IN 46240

Prepared by:



Earth·Source Inc

14921 Hand Road, Ft. Wayne, IN 46818
PH: (260) 489-8511 • Fax: (260) 489-8607

TABLE OF CONTENTS

DELINEATION GRAPHICS

EXECUTIVE SUMMARY

A wetland delineation of the 35-acre Midland Pointe site located at the southeast corner of Westfield Road (State Road 32) and Hazel Dell Road in Noblesville (Hamilton County, Indiana) was completed on 20 July 2022. The wetland delineation was performed using the routine on-site determination method as set forth by the 1987 *Corps of Engineers Wetlands Delineation Manual* and *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0)*.

Under Sections 404 and 401 of the Clean Water Act, the Army Corps of Engineers (ACOE) and/or the Indiana Department of Environmental Management (IDEM) have jurisdiction over *waters of the United States*. This includes wetlands and other *waters* with an identifiable connection to interstate commerce. Wetlands not regulated under Section 401 and 404 of the Clean Water Act are regulated by the State of Indiana under IC 13-18-22. Any activity that involves the placement of fill and/or excavation within these jurisdictional areas may require notification and authorization of the appropriate regulatory agency. Jurisdictional status of *waters* identified within this report is based on ***Earth Source***, Inc.'s interpretation and understanding of the definition and scope of *waters of the United States* protected under the Clean Water Act and related communications with ACOE Division and District personnel.

As illustrated by the attached wetland delineation plan (M6), 0.26 acres of wetland was delineated within the project site (Table 1).

TABLE 1. SUMMARY OF WATER RESOURCES

Section	Size	Description
I	0.17 acres	Forested Wetland, Isolated
II A/B/C	0.09 acres	Emergent Wetland, Isolated

14921 Hand Road, Fort Wayne, IN 46818 PH: (260) 489-8511 FAX: (260) 489-8607

INTRODUCTION

A wetland delineation of the 35-acre Midland Pointe site located at the southeast corner of Westfield Road (State Road 32) and Hazel Dell Road in Noblesville (Hamilton County, Indiana) was initiated in October 2019 and completed on 20 July 2022 (limits of delineation noted on attached plans M2 – M6). Site conditions were clear and 95°, ground conditions were unobscured. The project is located in Section 3 of Noblesville Township, Township 18 North, Range 04 East in Hamilton County, Indiana (Latitude 40.041740°, Longitude -86.068455°, WGS 84 datum). The wetland delineation was performed using the routine on-site determination method as set forth by 1987 *Corps of Engineers Wetlands Delineation Manual* and *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0)*.

METHODOLOGY

Three (3) transects were set perpendicular to the baseline and modified to encompass all areas and community types within the site boundary. Data stations included areas identified by soil data, the U.S. Fish and Wildlife Service (FWS) National Wetland Inventory, and Aerial Photography as potential wetlands. Soil, hydrology, and vegetation data were collected for each cover type encountered.

The three criteria required for the determination of an area to be a wetland are 1) Hydric Soils, 2) Wetland Hydrology, and 3) Dominance of Hydrophytic Vegetation. **Hydric Soils** criteria are met with a hydric soils listing and/or the presence of Histosols (organic soils - peat or muck), a histic epipedon, or reduced mineral soils with low matrix chroma of 2 or less with mottles, or with a matrix chroma of 1 without mottles, or gleyed soils, and/or the presence of other hydric soil indicators such as an aquic or peraquic moisture regime, ponding or a water table near the surface for at least one week during the growing season. **Wetland Hydrology** criteria are met or assumed by the presence of inundation or saturated soils and/or the confirmed presence of hydrologic field indicators such as water marks, debris deposits, or morphological plant adaptations to life in anaerobic soil conditions. **Hydrophytic Vegetation** is a plant adapted to life in permanently or periodically inundated or saturated soil conditions. Wetland vegetation is characterized as an obligate, facultative wetland, or facultative species dependent upon the frequency these species are found in wetlands. The Hydrophytic Vegetation criterion is met when, upon identification of the dominant plant species in each stratum or layer of the plant community, a dominance (greater than 50 percent) of obligate, facultative wetland, or facultative species is indicated. The hydrophytic vegetation criterion was based upon persistent vegetation. In order for an area to be determined as a wetland, all three criteria must be positively identified.

In order for an area to be subject to federal regulation, all three wetland criteria must be positively identified, and the area must meet the definition of *waters of the United States* found at 33 CFR 328.3 (a).

14921 Hand Road, Fort Wayne, IN 46818 PH: (260) 489-8511 FAX: (260) 489-8607

WETLAND DELINEATION SUMMARY

Two (2) wetlands were identified within the limits of the site. The wetland delineation was performed using the routine on-site determination method as set forth by 1987 Corps of Engineers Wetlands Delineation Manual and Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0). Based on the three 30-day periods preceding the wetland delineation, the delineation was conducted in a "Drier than Normal" year compared to the precipitation totals from the preceding 30 years. A discussion of the delineated water resources found on the site is presented below.

SECTION I: Section I is a forested wetland located in the southwest corner of the project site. The wetland is charged by rainfall and upland runoff. The wetland does drain to a flow path along the north side of the Midland Trace Trail, however a direct surface water connection to a *water of the United States* could not be determined. This wetland is classified as a palustrine, forested, broad-leaved deciduous, temporarily flooded (PFO1A) system (Cowardin 1979). As illustrated by the attached wetland delineation plan (M6), the delineated area is 0.17 acres of wetland. Below is a typical data point taken from within the wetland (Appendix A: Data Forms T3P3).

Hydric Soil: Hamilton County Soil Survey maps the soil in this area as Brookston silty clay loam. The Brookston series is listed as hydric soil by the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List. The observed soil at ten (10) inches below the surface was 10YR 4/2 silty clay loam with 5% 10YR 5/6 redox concentrations (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of a depleted matrix.

Hydrology: Primary indicators of wetland hydrology, as defined by TRY-87-1 and Midwest Regional Supplement, were absent at the time of the delineation. Secondary indicators of wetland hydrology, as defined by TRY-87-1 and Midwest Regional Supplement, were geomorphic position (D2) and FAC Neutral Test (D5). The wetland hydrology criterion is met by the presence of two secondary indicators.

Hydrophytic Vegetation: Below is the vegetation listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% of the dominant plant species across all strata are rated OBL, FACW, or FAC or prevalence index of 3.0 or less if hydric soils and hydrology indicators are present unless disturbed or problematic. Dominant species from each stratum were determined by the "50/20 rule" and are marked with an asterisk (*). Below is the vegetation data from T3P3 (Appendix A) that represents a typical data point for this community type:

Tree Stratum species list (30-ft radius):

Silver Maple*	*Acer saccharinum*	FACW
Pin Oak	*Quercus palustris*	FACW
White Mulberry	*Morus alba*	FAC

Sapling/Shrub Stratum (15-ft radius):

Gray Dogwood*	*Cornus racemosa*	FAC
Green Ash*	*Fraxinus pennsylvanica*	FACW

Herbaceous stratum species list (5-ft radius):

Eastern Poison Ivy*	*Toxicodendron radicans*	FAC
White Grass	*Leersia virginica*	FACW
White Panicled American-Aster	*Symphyotrichum lanceolatum*	FACW
Greater Straw Sedge	*Carex normalis*	FACW
Lesser Clearweed	*Pilea fontana*	FACW

The total number of dominant species across all strata was four (4) for this data point. The percent of dominant species that are OBL, FACW, or FAC is 100%. Hydrophytic vegetation indicator is met by the dominance test.

SECTION II A-B-C: Section II A, B and C consist of eroded depressions along a constructed flow path running across the property from the northwest to southeast. The area was in agricultural production until 2015. In 2018/2019 earth work was performed, creating a defined swale along this drainage path. Data points along the path evidence mixed soils consistent with earthwork. Sections II A, B and C appear to be the result of erosion within the constructed swale. The emergent wetlands are charged by rainfall and upland runoff. The wetland does drain via eroded/incised channel to a culvert under the Midland Trace Trail. The culvert discharges to a trail side swale on the south side of the Midland Trace Trail. No connection, tile riser or inlets were identified from the trail side drainage to other *water of the United States*. The Hamilton County GIS does identify a tile that parallels the Midland Trace Trail and discharges to the Vestal Drain southeast of the site. This wetland is classified as a palustrine, emergent, temporarily flooded (PEMA) system (Cowardin 1979). As illustrated by the attached wetland delineation plan (M6), the delineated area of Section II A is 0.02 acres, Section II B is 0.02 acres and Section II C is 0.05 acres. Total delineated wetland for Section II A-B-C is 0.09 acres. Below is a typical data point taken from within the wetland (Appendix A: Data Forms T2P3, T2P5 and T3P8).

Hydric Soil: Hamilton County Soil Survey maps the soil in this area as Brookston silty clay loam. The Brookston series is listed as hydric soil by the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List. The observed soil at ten (10) inches below the surface was 10YR 4/1 silty clay loam with 3% to 5% 10YR 4/6 redox concentrations (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of a depleted matrix.

Hydrology: Primary indicators of wetland hydrology, as defined by TRY-87-1 and Midwest Regional Supplement, were absent at the time of the delineation. Secondary indicators of wetland hydrology, as defined by TRY-87-1 and Midwest Regional Supplement, were saturation visible on aerial imagery (C9), geomorphic position (D2), and FAC Neutral Test (D5). The wetland hydrology criterion is met by the presence of more than two secondary indicators.

Hydrophytic Vegetation: Below is the vegetation listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% of the dominant plant species across all strata are rated OBL, FACW, or FAC or prevalence index of 3.0 or less if hydric soils and hydrology indicators are present unless disturbed or problematic. Dominant

species from each stratum were determined by the "50/20 rule" and are marked with an asterisk (*).

Below is the vegetation data from T3P8 (Appendix A) that represents a typical data point for this community type:

Herbaceous stratum species list (5-ft radius):

Kentucky Blue Grass*	*Poa pratensis*	FAC
Rice Cut Grass*	*Leersia oryzoides*	OBL
Narrow-Leaf Cat-Tail	*Typha angustifolia*	OBL
Dark-Green Bulrush	*Scirpus atrovirens*	OBL
Troublesome Sedge	*Carex molesta*	FAC
Canadian Thistle	*Cirsium arvense*	FACU

The total number of dominant species across all strata was two (2) for this data point. The percent of dominant species that are OBL, FACW, or FAC is 100%. Hydrophytic vegetation indicator is met by the dominance test.

CONCLUSIONS AND RECOMMENDATIONS

In Indiana, *waters of the United States*, including wetlands, are subject to regulation by the Army Corps of Engineers (ACOE) and/or the Indiana Department of Environmental Management (IDEM). Under Sections 404 and 401 of the Clean Water Act, the ACOE and/or the IDEM have jurisdiction over any activity that involves the placement of fill into, and/or excavation of delineated *water of the United States.* Wetlands located adjacent to *waters of the United States* or that have a connection to interstate commerce are considered *waters of the United States*.

The site may contain a wetland of the *waters of the United States*, which are regulated by the ACOE and IDEM. The ACOE is the regulatory authority with regard to wetlands or other *waters of the United States*. *Waters* not regulated under Section 401 and 404 of the Clean Water Act are regulated by the State of Indiana under IC 13-18-22.

Generally, impacts (fill and/or drainage) to federally and state regulated wetland areas will require notification and authorization through the ACOE and IDEM. In general, if impacts are limited to less than 1,500 linear feet (not to exceed 1.0 acre) of a stream channel or 1.0 acre of headwater wetlands or other *waters of the United States*, the project may qualify for authorization under the Regional or Nationwide General Permit Program (RGP & NWP). The general permit program is a simplified process that provides for general permits within a 45 to 60-day time frame. Impacts to greater than 1,500 linear feet of stream channel or 1.0 acre of headwater wetland will require an Individual Permit. The Individual permit process requires a more intensive and lengthy review of the project, practical alternatives analysis, 30-day public notice period, and potential public hearing. The average Individual Permit process will run 4 to 6 months. In either case, permitted impacts will require mitigation or replacement, generally at a ratio greater than that of the area impacted. Normal mitigation ratios are 2:1 replacement for impacts to emergent wetlands; 3:1 for scrub/shrub wetlands; and 4:1 for forested impacts. Impacts to less than 0.10 acre and 300 linear feet of *waters of*

the United States typically will not require mitigation but involve submittal of notification to the agencies at least 30 days prior to project initiation.

For isolated wetlands, impacts to "Class III" wetlands will require an Individual Permit. Non-exempt "Class II" wetlands may qualify for the general permit program analogous to those allowed under the RGP and NWP for minimal impacts or otherwise require an Individual Permit. Impacts to "Class I" wetlands will require authorization of a general permit. "Exempt" waters of the State (isolated wetlands), typically will not require mitigation but involve submittal of notification to the agencies at least 15 days prior to project initiation. Exempt isolated wetlands for "Class I" are described as the following and may be limited to the larger of 1) the acreage of an individual isolated "Class I" wetland delineated as one-half (1/2) acre or less; 2) fifty percent (50%) of the cumulative acreage of all individual isolated "Class I" wetlands delineated as one-half acre or less. Exempt isolated wetlands for "Class II" are described as the following and may be limited to the larger of 1) the acreage of an individual isolated "Class II" wetland delineated as one-fourth (1/4) acre or less; 2) thirty-three and one-third percent (33 1/3%) of the cumulative acreage of all individual isolated "Class II" wetlands delineated as one-fourth (1/4) acre or less. Compensatory mitigation shall be provided in accordance with the following Table 2:

Table 2. Isolated Wetland Compensatory Mitigation Ratios

Wetland Class	Replacement Class	On-site Ratio	Off-site Ratio
Class I	Class II or III	1 to 1	1 to 1
Class I	Class I	1.5 to 1	1.5 to 1
Class II	Class II or III	1.5 to 1 Non-forested	2 to 1 Non-forested
		2 to 1 Forested	2.5 to 1 Forested
Class III	Class III	2 to 1 Non-forested	2.5 to 1 Non-forested
		2.5 to 1 Forested	3 to 1 Forested

Compensatory mitigation ratios may be lowered to 1 to 1 if the mitigation is completed before the initiation of the wetland activity. Also, exempt isolated wetlands may be used to provide compensatory mitigation for wetlands activities in state regulated wetlands. An exempt isolated wetland that is used to provide compensatory mitigation becomes a state regulated wetland.

SUMMARY OF ACRONYMS AND REFERENCES

Indicator Status Acronyms:

OBL (Obligate Wetland). Occur almost always in wetlands.
FACW (Facultative Wetland). Usually, it occurs in wetlands.
FAC (Facultative). Likely to occur in wetlands or uplands.
FACU (Facultative Upland). Usually, it occurs in uplands.
UPL (Obligate Upland). Occur almost always in uplands.
N/I (No Indicator). Indicator status unavailable.

References

Britton, Nathaniel L. and Addison Brown. 1970. *An Illustrated Flora of the Northern United States and Canada*. Dover Publication, Inc. New York, New York.

Cowardin, Lewis M., et al. 1979. *Classifications of Wetlands and Deepwater Habitats of the United States.* U.S. Fish and Wildlife Service, Office of Biological Services, Washington D.C. Publ. No. FWS/OBS-79/31.

Deam, Charles C. 1940. *Flora of Indiana*. Department of Conservation, Division of Forestry. Indianapolis, Indiana.

Deters, Jason. 2020. Antecedent Precipitation Tool Version 1.0. U.S. Army Corps of Engineers.

Environmental Laboratory. 1987. *Corps of Engineers Wetland Delineation Manual*. U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS. Tech. Rpt. Y-87-1.

Fassett, Norman C. 1957. *Manual of Aquatic Plants*. 2nd ed. The University of Wisconsin Press. Madison, Wisconsin.

Gleason, Henry and Arthur Cronquist. 1991. *Manual of Vascular Plants of the Northeastern United States and Adjacent Canada.* New York Botanical Garden. Bronx, New York.

Hitchcock, A.S. 1971. *Manual of Grasses of the United States*. Dover Publication, Inc. New York, NY

Lichvar, Robert W. 2012. *The National Wetland Plant List*. ERDC/CRREL TR-12-11.Hanover, NH: Cold Regions Research and Engineering Laboratory. U.S. Army Engineer Research and Development Center.

Munsell Color. 1992. *Munsell Soil Color Charts*. Macbeth Division of Kollmorgen Corporation, Baltimore, MD.

Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online. Accessed July 18, 2022.

Newcomb, Lawrence. 1977. *Newcomb's Wildflower Guide*. Little, Brown and Company. New York, New York.

Reed, Porter B. 1988. *National List of Plants Species that Occur in Wetlands: North Central (Region 3).* U.S. Fish and Wildlife Service, Washington D.C. Biol. Rpt. 88(26.3).

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

U.S. Army Corps of Engineers. 2010. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0),* ed. J.S. Wakeley, R.W. Lichvar, and C.V. Noble. ERDC/EL TR-10-16. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

APPENDIX A

DATA FORMS

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T1P1
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Brookston Silty Clay Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland old home site, wooded

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer saccharum*	45	X	FACU
2. *Juglans nigra*	25	X	FACU
3. *Tilia americana*	20	X	FACU
4.			
5.			
	90	= Total Cover	
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Lonicera tatarica*	25	X	FACU
2. *Cornus racemosa*	15	X	FAC
3.			
4.			
5.			
	40	= Total Cover	
Herb Stratum (Plot size): 5-ft radius			
1. *Parthenocissus quinquefolia*	30	X	FACU
2. *Toxicodendron radicans*	25	X	FAC
3. *Circaea canadensis*	15		FACU
4. *Packera aurea*	10		FACW
5. *Cryptotaenia canadensis*	10		FAC
6.			
7.			
8.			
9.			
10			
	90	= Total Cover	
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
		= Total Cover	

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 7 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 28.6% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	
FACW species		x 2 =	
FAC species		x 3 =	
FACU species		x 4 =	
UPL species		x 5 =	
Column Totals:	(A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL

Sampling Point: T1P1

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-9	10YR 4/3	100					Silt Loam	
9-14	10YR 3/2	100					Silty Clay Loam	
14-18	10YR 4/2	100					Silty Clay Loam	
18-24	10YR 5/2	97	10YR 5/6	3	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ Coast Prairie Redox (A16)
- ____ Dark Surface (S7)
- ____ Iron-Manganese Masses (F12)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ____

Depth (in.) ____

Hydric Soil Present? Yes ____ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked 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	Depths (inches): ____
Water Table Present?	Yes	____	No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes	____	No	X	Depths (inches): >24

Wetland Hydrology Present? Yes ____ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T1P2
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Brookston Silty Clay Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes	X	No		
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland old field

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Solidago canadensis*	75	X	FACU
2. *Poa pratensis*	20	X	FAC
3. *Medicago lupulina*	5		FACU
4.			
5.			
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 2 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 50.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL **Sampling Point: T1P2**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/2	100					Silty Clay Loam	
8-13	10YR 4/2	98	10YR 4/6	2	C	M	Silty Clay Loam	
13-24	10YR 5/2	95	10YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
X	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	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)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)		Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)		FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes	No X	Depths (inches):		
Water Table Present?	Yes	No X	Depths (inches):	>24	
Saturation Present? (includes capillary fringe)	Yes	No X	Depths (inches):	>24	

Wetland Hydrology Present? **Yes** **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T1P3
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Brookston Silty Clay Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes	X	No		
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland old field

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Rhus typhina*	15	X	UPL
2. *Rubus allegheniensis*	10	X	FACU
3. *Pyrus calleryana*	10	X	UPL
4. *Fraxinus pennsylvanica*	5		FACW
5.			
	40 = Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Solidago canadensis*	95	X	FACU
2. *Toxicodendron radicans*	5		FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 4 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 0.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	
FACW species		x 2 =	
FAC species		x 3 =	
FACU species		x 4 =	
UPL species		x 5 =	
Column Totals:	(A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL

Sampling Point: T1P3

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-9	10YR 3/1	100					Silty Clay Loam	
9-16	10YR 4/1	97	10YR 4/6	3	C	M	Silty Clay Loam	
16-24	10YR 5/1	95	10YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
X	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	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)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)		Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)		FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes	No X	Depths (inches):		
Water Table Present?	Yes	No X	Depths (inches):	>24	
Saturation Present? (includes capillary fringe)	Yes	No X	Depths (inches):	>24	

Wetland Hydrology Present? Yes No X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T1P4
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Crosby Silt Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** _____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland lawn

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Poa pratensis*	35	X	FAC
2. *Festuca rubra*	20	X	FACU
3. *Glechoma hederacea*	20	X	FACU
4. *Plantago lanceolata*	15		FACU
5. *Trifolium repens*	10		FACU
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 3 (B)

Percent of Dominant Species That are OBL, FACW, or FAC: 33.3% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ Rapid Test for Hydrophytic Vegetation
- ____ Dominance Test > 50%
- ____ Prevalence Index is ≤ 3.0[1]
- ____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** _____ **No** X

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

SOIL **Sampling Point: T1P4**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-9	10YR 4/3	100					Silt Loam	
9-24	10YR 5/4	100					Silt Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked 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 Depths (inches): ___

Water Table Present? Yes ___ No X Depths (inches): >24

Saturation Present? (includes capillary fringe) Yes ___ No X Depths (inches): >24

Wetland Hydrology Present? **Yes** ___ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T2P1
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: SEC 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: NAD 83
Soil Map Unit Name: Miami silt loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** _____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland lawn – behind residential property

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Poa pratensis*	60	X	FAC
2. *Taraxacum officinale*	30	X	FACU
3. *Plantago lanceolata*	25		FACU
4. *Setaria pumila*	15		FAC
5. *Schedonorus arundinaceus*	10		FACU
6. *Glechoma hederacea*	1		FACU
7.			
8.			
9.			
10			
	141 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 2 (B)

Percent of Dominant Species That are OBL, FACW, or FAC: 50.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	
FACW species		x 2 =	
FAC species		x 3 =	
FACU species		x 4 =	
UPL species		x 5 =	
Column Totals:	(A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ Rapid Test for Hydrophytic Vegetation
- ____ Dominance Test > 50%
- ____ Prevalence Index is ≤ 3.0[1]
- ____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** _____ **No** X

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

SOIL **Sampling Point: T2P1**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-15	10YR 5/3	99	10YR 5/6	1	C	M	Silt Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

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	Depths (inches): ___
Water Table Present?	Yes	___	No	X	Depths (inches): >15
Saturation Present? (includes capillary fringe)	Yes	___	No	X	Depths (inches): >15

Wetland Hydrology Present? **Yes** ___ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T2P2
Investigator(s): Eric Ellingson SPWS | Section: Township, Range: SEC 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: NAD 83
Soil Map Unit Name: Brookston silty clay loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland woodline – eastern edge of the property

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1. *Fraxinus americana*	10	X	FACU
2. *Celtis occidentalis*	10	X	FAC
3.			
4.			
5.			
	20	= Total Cover	

Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Lonicera morrowii*	80	X	FACU
2. *Celtis occidentalis*	5		FAC
3.			
4.			
5.			
	85	= Total Cover	

Herb Stratum (Plot size): 5-ft radius			
1. *Poa pratensis*	25	X	FAC
2. *Lonicera morrowii*	20	X	FACU
3. *Geum virginianum*	20	X	FACU
4. *Toxicodendron radicans*	5		FAC
5.			
6.			
7.			
8.			
9.			
10			
	70	= Total Cover	

Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
		= Total Cover	

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 6 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 33.3% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	
FACW species		x 2 =	
FAC species		x 3 =	
FACU species		x 4 =	
UPL species		x 5 =	
Column Totals:	(A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL **Sampling Point: T2P2**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-15	10YR 5/3	100					Silt Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

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	Depths (inches): ___
Water Table Present?	Yes	___	No	X	Depths (inches): >15
Saturation Present? (includes capillary fringe)	Yes	___	No	X	Depths (inches): >15

Wetland Hydrology Present? **Yes** ___ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T2P3
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Depression | Local relief (concave, convex, none): Concave
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Brookston Silty Clay Loam | NWI classification: PEMA
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No		**Is the Sampled Area Within a Wetland?**	**Yes** X	**No**
Hydric Soil Present?	Yes	X	No				
Wetland Hydrology Present?	Yes	X	No				

Remarks: Section IIA – Emergent wetlands in constructed stormwater conveyance

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Juncus tenuis*	55	X	FAC
2. *Scirpus atrovirens*	25	X	OBL
3. *Cirsium arvense*	20	X	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 66.7% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ Rapid Test for Hydrophytic Vegetation
- X Dominance Test > 50%
- ____ Prevalence Index is ≤ 3.0[1]
- ____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** X **No** ____

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

SOIL

Sampling Point: T2P3

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 4/1	97	10YR 4/6	3	C	M	Silty Clay Loam	
6-24	10YR 5/1	95	10YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	Sediment Deposits (B2)		Oxidized Rhizospheres on Living roots (C3)	X	Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Presence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)	X	Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)		FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes		No	X	Depths (inches):
Water Table Present?	Yes		No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes		No	X	Depths (inches): >24

Wetland Hydrology Present? Yes X **No**

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T2P4
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Swale | Local relief (concave, convex, none): Concave
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Brookston Silty Clay Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes	X	No		
Wetland Hydrology Present?	Yes	X	No		

Remarks: Upland swale along stormwater conveyance

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Cirsium arvense*	45	X	FACU
2. *Solidago canadensis*	35	X	FACU
3. *Schedonorus arundinaceus*	20	X	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 3 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 0.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL

Sampling Point: T2P4

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 4/1	97	10YR 4/6	3	C	M	Silty Clay Loam	
6-24	10YR 5/1	95	10YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	Sediment Deposits (B2)		Oxidized Rhizospheres on Living roots (C3)	X	Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Presence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)	X	Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)		FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes		No	X	Depths (inches):
Water Table Present?	Yes		No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes		No	X	Depths (inches): >24

Wetland Hydrology Present? Yes X **No**

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T2P5
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Depression | Local relief (concave, convex, none): Concave
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Brookston Silty Clay Loam | NWI classification: PEMA
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No		**Is the Sampled Area Within a Wetland?**	**Yes** X	**No**
Hydric Soil Present?	Yes	X	No				
Wetland Hydrology Present?	Yes	X	No				

Remarks: Section IIB – Emergent wetland along a constructed stormwater conveyance

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Juncus tenuis*	65	X	FAC
2. *Schedonorus arundinaceus*	20	X	FACU
3. *Scirpus atrovirens*	15		OBL
4.			
5.			
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 2 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 50.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	15	x 1 =	15
FACW species	0	x 2 =	0
FAC species	65	x 3 =	195
FACU species	20	x 4 =	80
UPL species	0	x 5 =	0
Column Totals:	100 (A)		290 (B)
Prevalence Index = B/A =			2.9

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
X Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** X **No** ____

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

SOIL **Sampling Point: T2P5**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 4/3	100					Silt Loam	
6-11	10YR 4/1	97	10YR 4/6	3	C	M	Silty Clay Loam	
11-24	10YR 5/1	95	10YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	Sediment Deposits (B2)		Oxidized Rhizospheres on Living roots (C3)	X	Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Presence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)	X	Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)		FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes		No	X	Depths (inches):
Water Table Present?	Yes		No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes		No	X	Depths (inches): >24

Wetland Hydrology Present? **Yes** X **No**

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T2P6
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Swale | Local relief (concave, convex, none): Concave
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Brookston Silty Clay Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** Yes ____ No X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes	X	No		

Remarks: Upland swale along stormwater conveyance

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Fraxinus pennsylvanica*	15	X	FACW
2. *Rubus allegheniensis*	15	X	FACU
3.			
4.			
5.			
	30 = Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Juncus tenuis*	40	X	FAC
2. *Cirsium arvense*	30	X	FACU
3. *Schedonorus arundinaceus*	20	X	FACU
4. *Apycynum cannabinum*	10		FAC
5.			
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 40.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ____ No X

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

SOIL **Sampling Point: T2P6**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 4/3	100					Silt Loam	
6-11	10YR 4/2	95	10YR 4/6	5	C	M	Silty Clay Loam	
11-14	10YR 4/3	100					Silt Loam	
14-24	10YR 5/1	95	10YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked 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)
- X Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- X Geomorphic Position (D2)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes	___	No	X	Depths (inches): ___
Water Table Present?	Yes	___	No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes	___	No	X	Depths (inches): >24

Wetland Hydrology Present? **Yes** X **No** ___

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings. LLC | State: IN | Sample Point: T2P7
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Miami Silt Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland shrub/scrub

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1. *Celtis occidentalis*	15	X	FAC
2.			
3.			
4.			
5.			
	15 = Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Lonicera tatarica*	80	X	FACU
2. *Rosa multiflora*	15		FACU
3. *Pyrus calleryana*	10		UPL
4.			
5.			
	105 = Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Parthenocissus quinquefolia*	15	X	FACU
2. *Toxicodendron radicans*	10	X	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10			
	25 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= Total Cover		

Dominance Test worksheet:
Number of Dominant Species That are OBL, FACW or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 50.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL **Sampling Point: T2P7**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 4/3	100					Silt Loam	
6-11	10YR 4/4	100					Silt Loam	
11-24	10YR 5/4	100					Silt Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked 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	Depths (inches): ___
Water Table Present?	Yes	___	No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes	___	No	X	Depths (inches): >24

Wetland Hydrology Present? **Yes** ___ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T2P8
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Brookston Silty Clay Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes	X	No		
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland old field

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Schedonorus arundinaceus*	60	X	FACU
2. *Plantago lanceolata*	25	X	FACU
3. *Cirsium arvense*	15		FACU
4.			
5.			
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 2 (B)

Percent of Dominant Species That are OBL, FACW, or FAC: 0.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL **Sampling Point: T2P8**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/2	100					Silty Clay Loam	
8-14	10YR 4/1	97	10YR 4/6	3	C	M	Silty Clay Loam	
14-24	10YR 5/1	95	`0YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
X	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	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)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)		Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)		FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes	No X	Depths (inches):		
Water Table Present?	Yes	No X	Depths (inches):	>24	
Saturation Present? (includes capillary fringe)	Yes	No X	Depths (inches):	>24	

Wetland Hydrology Present? **Yes** **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T3P1
Investigator(s): Eric Ellingson SPWS | Section: Township, Range: SEC 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 2 | Lat: 40.041223° | Long: -86.069626° | Datum: NAD 83
Soil Map Unit Name: Miami silt loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No		**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Mesic woods – heavily shaded, no herbaceous layer

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer saccharinum*	40	X	FACW
2.			
3.			
4.			
5.			
	40 = Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Cornus racemosa*	20	X	FAC
2. *Lonicera morrowii*	10	X	FACU
3. *Fraxinus pennsylvanica*	5		FACW
4.			
5.			
	35 = Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Fraxinus pennsylvanica*	10	X	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10			
	10 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 4 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 75.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
____ Rapid Test for Hydrophytic Vegetation
X Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** X **No** ____

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

SOIL **Sampling Point: T3P1**

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	%	Type[1]	Loc[2]	Texture	Remarks
0-15	10YR 4/2-10YR 4/3	100					Silt Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

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	Depths (inches): ___
Water Table Present?	Yes	___	No	X	Depths (inches): >15
Saturation Present? (includes capillary fringe)	Yes	___	No	X	Depths (inches): >15

Wetland Hydrology Present? **Yes** ___ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T3P2
Investigator(s): Eric Ellingson SPWS | Section: Township, Range: SEC 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 2 | Lat: 40.041223° | Long: -86.069626° | Datum: NAD 83
Soil Map Unit Name: Brookston silty clay loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No		**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Mesic woods – northside of Section I

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer saccharinum*	40	X	FACW
2. *Morus alba*	10	X	FAC
3.			
4.			
5.			
	50	= Total Cover	
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Cornus racemosa*	60	X	FAC
2.			
3.			
4.			
5.			
	60	= Total Cover	
Herb Stratum (Plot size): 5-ft radius			
1. *Persicaria virginiana*	25	X	FAC
2. *Parthenocissus quinquefolia*	10	X	FACU
3. *Rubus allegheniensis*	10	X	FACU
4. *Symphyotrichum laeve*	5		FACU
5.			
6.			
7.			
8.			
9.			
10			
	50	= Total Cover	
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
		= 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: 6 (B)

Percent of Dominant Species That are OBL, FACW, or FAC: 66.7% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ Rapid Test for Hydrophytic Vegetation
- X Dominance Test > 50%
- ____ Prevalence Index is ≤ 3.0[1]
- ____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** X **No** ____

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

SOIL **Sampling Point: T3P2**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 4/2	100					Silty Clay Loam	
8-10	10YR 4/2	99	10YR 5/6	<1	C	M	Silty Clay Loam	
10-15	10YR 4/2	100					Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ Coast Prairie Redox (A16)
- ____ Dark Surface (S7)
- ____ Iron-Manganese Masses (F12)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ____

Depth (in.) ____

Hydric Soil Present? Yes ____ No X

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	Depths (inches): ____
Water Table Present?	Yes	____	No	X	Depths (inches): >15
Saturation Present? (includes capillary fringe)	Yes	____	No	X	Depths (inches): >15

Wetland Hydrology Present? **Yes** ____ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T3P3
Investigator(s): Eric Ellingson SPWS | Section: Township, Range: SEC 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): Concave
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: NAD 83
Soil Map Unit Name: Brookston silty clay loam | NWI classification: PFO1A
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No		**Is the Sampled Area Within a Wetland?**	**Yes** X	**No**
Hydric Soil Present?	Yes	X	No				
Wetland Hydrology Present?	Yes	X	No				

Remarks: Section I – forested wetland, located in the southwest corner of the property. Area appears to be impounded by pedestrian trail to the south

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer saccharinum*	40	X	FACW
2. *Quercus palustris*	10		FACW
3. *Morus alba*	10		FAC
4.			
5.			
	60	= Total Cover	

Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Cornus racemosa*	40	X	FAC
2. *Fraxinus pennsylvanica*	25	X	FACW
3.			
4.			
5.			
	65	= Total Cover	

Herb Stratum (Plot size): 5-ft radius			
1. *Toxicodendron radicans*	80	X	FAC
2. *Leersia virginica*	15		FACW
3. *Symphyotrichum lanceolatum*	15		FACW
4. *Carex normalis*	10		FACW
5. *Pilea fontana*	5		FACW
6.			
7.			
8.			
9.			
10			
	125	= Total Cover	

Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
		= 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 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

	Rapid Test for Hydrophytic Vegetation
X	Dominance Test > 50%
	Prevalence Index is ≤ 3.0[1]
	Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
	Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** X **No** ____

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

SOIL

Sampling Point: T3P3

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 4/2	100					Silty Clay Loam	
8-15	10YR 4/2	95	10YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	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)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)	X	Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)	X	FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes	No X	Depths (inches):		
Water Table Present?	Yes	No X	Depths (inches):	>15	
Saturation Present? (includes capillary fringe)	Yes	No X	Depths (inches):	>15	

Wetland Hydrology Present? Yes X No

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T3P4
Investigator(s): Eric Ellingson SPWS | Section: Township, Range: SEC 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: NAD 83
Soil Map Unit Name: Miami Silt Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No		**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland lawn – north of woods

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer saccharinum*	5	X	FACW
2. *Morus alba*	5	X	FAC
3.			
4.			
5.			
	10	= Total Cover	
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Elaeagnus umbellata*	2		FACU
2.			
3.			
4.			
5.			
	2	= Total Cover	
Herb Stratum (Plot size): 5-ft radius			
1. *Poa pratensis*	80	X	FAC
2. *Trifolium pratense*	30	X	FACU
3. *Schedonorus arundinaceus*	25		FACU
4. *Plantago lanceolata*	15		FACU
5. *Taraxacum officinale*	10		FACU
6. *Rubus allegheniensis*	10		FACU
7.			
8.			
9.			
10			
	170	= Total Cover	
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
		= 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: 4 (B)

Percent of Dominant Species That are OBL, FACW, or FAC: 75.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ Rapid Test for Hydrophytic Vegetation
- X Dominance Test > 50%
- ____ Prevalence Index is ≤ 3.0[1]
- ____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** X **No** ____

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

SOIL **Sampling Point: T3P4**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-15	10YR 5/3	100					Silt Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

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	Depths (inches): ___
Water Table Present?	Yes	___	No	X	Depths (inches): >15
Saturation Present? (includes capillary fringe)	Yes	___	No	X	Depths (inches): >15

Wetland Hydrology Present? **Yes** ___ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T3P5
Investigator(s): Eric Ellingson SPWS | Section: Township, Range: SEC 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: NAD 83
Soil Map Unit Name: Miami silt loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No		**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland forest – southwest portion

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer saccharinum*	30	X	FACW
2.			
3.			
4.			
5.			
	30	= Total Cover	

Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Cornus racemosa*	25	X	FAC
2.			
3.			
4.			
5.			
	25	= Total Cover	

Herb Stratum (Plot size): 5-ft radius			
1. *Parthenocissus quinquefolia*	25	X	FACU
2. *Toxicodendron radicans*	15	X	FAC
3. *Rubus allegheniensis*	10		FACU
4. *Geum virginianum*	10		FACU
5. *Fragaria virginiana*	5		FACU
6.			
7.			
8.			
9.			
10			
	65	= Total Cover	

Woody Vine Stratum (Plot size): 30-ft radius			
9. *Toxicodendron radicans*	2		FAC
10 *Parthenocissus quinquefolia*	2		FACU
	4	= 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: 4 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 75.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	
FACW species		x 2 =	
FAC species		x 3 =	
FACU species		x 4 =	
UPL species		x 5 =	
Column Totals:	(A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ Rapid Test for Hydrophytic Vegetation
- X Dominance Test > 50%
- ____ Prevalence Index is ≤ 3.0[1]
- ____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** X **No** ____

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

SOIL **Sampling Point: T3P5**

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	%	Type[1]	Loc[2]	Texture	Remarks
0-15	10YR4/2-10YR4/3	100					Silt Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

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	Depths (inches): ___
Water Table Present?	Yes	___	No	X	Depths (inches): >15
Saturation Present? (includes capillary fringe)	Yes	___	No	X	Depths (inches): >15

Wetland Hydrology Present? **Yes** ___ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T3P6
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 2 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Miami Silt Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland old field

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Schedonorus arundinaceus*	60	X	FACU
2. *Juncus tenuis*	15		FAC
3. *Carex bromoides*	10		FACW
4. *Carex molesta*	5		FAC
5. *Ambrosia artemisiifolia*	5		FACU
6. *Medicago lupulina*	5		FACU
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 1 (B)

Percent of Dominant Species That are OBL, FACW, or FAC: 0.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL **Sampling Point: T3P6**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 4/3	100					Silt Loam	
8-15	10YR 4/4	100					Silt Loam	
15-24	10YR 5/4	100					Silt Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked 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	Depths (inches): ___
Water Table Present?	Yes	___	No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes	___	No	X	Depths (inches): >24

Wetland Hydrology Present? Yes ___ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T3P7
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 2 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Miami Silt Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes	X	No		
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland old field west of Section IIC

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Fraxinus pennsylvanica*	20	X	FACW
2. *Rubus allegheniensis*	15	X	FACU
3. *Cornus racemosa*	10		FAC
4. *Pyrus calleryana*	10		UPL
5.			
	55 = Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Solidago canadensis*	85	X	FACU
2. *Cirsium arvense*	10		FACU
3. *Ambrosia artemisiifolia*	5		FACU
4.			
5.			
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 3 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 33.3% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL **Sampling Point: T3P7**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-2	10YR 4/1	97	10YR 4/6	3	C	M	Silty Clay Loam	Fill
2-4	10YR 4/3	100					Silt Loam	Fill
4-6	10YR 4/1	97	10YR 4/6	3	C	M	Silty Clay Loam	Fill
6-8	10YR 4/3	100					Silt Loam	Fill
8-16	10YR 4/1	95	10YR 4/6	5	C	M	Silt Loam	
16-24	10YR 4/3	95	10YR 5/6	5	C	M	Silt Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

____	Histosol (A1)	____	Sandy Gleyed matrix (S4)	____	Coast Prairie Redox (A16)
____	Histic Epipedon (A2)	____	Sandy Redox (S5)	____	Dark Surface (S7)
____	Black Histic (A3)	____	Stripped Matrix (S6)	____	Iron-Manganese Masses (F12)
____	Hydrogen Sulfide (A4)	____	Loamy Mucky Mineral (F1)	____	Very Shallow Dark Surface (TF12)
____	Stratified Layers (A5)	____	Loamy Gleyed Matrix (F2)	____	Other (Explain in Remarks)
____	2 cm Muck (A10)	X	Depleted matrix (F3)		
____	Depleted Below Dark Surface (A11)	____	Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
____	Thick Dark Surface (A12)	____	Depleted Dark Surface (F7)		wetland hydrology must be present,
____	Sandy Mucky Mineral (S1)	____	Redox Depressions (F8)		unless disturbed or problematic.
____	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type: ____

Depth (in.) ____

Hydric Soil Present? Yes X No ____

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

				Secondary Indicators (minimum of two required)	
____	Surface water (A1)	____	Water-Stained Leaves (B9)	____	Surface Soil Cracks (B6)
____	High Water Table (A2)	____	Aquatic Fauna (B13)	____	Drainage patterns (B10)
____	Saturation (A3)	____	True Aquatic Plants (B14)	____	Dry-Season Water table (C2)
____	Water marks (B1)	____	Hydrogen Sulfide Odor (C1)	____	Crayfish Burrows (C8)
____	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)
____	Algal Mat or Crust (B4)	____	Recent Iron Reduction in Tilled Soils (C6)	____	Geomorphic Position (D2)
____	Iron Deposits (B5)	____	Thin Muck Surface (C7)	____	FAC-Neutral Test (D5)
____	Inundation Visible on Aerial Imagery (B7)	____	Gauge or Well Data (D9)		
____	Sparsely Vegetated Concave Surface (B8)	____	Other (Explain in Remarks)		

Field Observations:

Surface Water Present?	Yes ____	No X	Depths (inches):		
Water Table Present?	Yes ____	No X	Depths (inches):	>24	
Saturation Present? (includes capillary fringe)	Yes ____	No X	Depths (inches):	>24	

Wetland Hydrology Present? **Yes** ____ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T3P8
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Depression | Local relief (concave, convex, none): Concave
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Brookston Silty Clay Loam | NWI classification: PEMA
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No		**Is the Sampled Area Within a Wetland?**	**Yes** X	**No**
Hydric Soil Present?	Yes	X	No				
Wetland Hydrology Present?	Yes	X	No				

Remarks: Section IIC – Emergent wetlands in constructed stormwater conveyance

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Poa pratensis*	30	X	FAC
2. *Leersia oryzoides*	30	X	OBL
3. *Typha angustifolia*	10		OBL
4. *Scirpus atrovirens*	10		OBL
5. *Carex molesta*	10		FAC
6. *Cirsium arvense*	10		FACU
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ Rapid Test for Hydrophytic Vegetation
- X Dominance Test > 50%
- ____ Prevalence Index is ≤ 3.0[1]
- ____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** X **No** ____

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

SOIL

Sampling Point: T3P8

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/1	100					Silty Clay Loam	
7-13	10YR 4/1	95	10YR 4/6	5	C	M	Silty Clay Loam	
13-24	10YR 5/1	95	10YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
X	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	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)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)	X	Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)	X	FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes	No X	Depths (inches):		
Water Table Present?	Yes	No X	Depths (inches):	>24	
Saturation Present? (includes capillary fringe)	Yes	No X	Depths (inches):	>24	

Wetland Hydrology Present? Yes X No

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T3P9
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Brookston Silty Clay Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland forest, north of a bike path

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1. *Juglans nigra*	35	X	FACU
2. *Celtis occidentalis*	15	X	FAC
3. *Acer saccharinum*	15	X	FACW
4.			
5.			
	65	= Total Cover	

Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Lonicera tatarica*	30	X	FACU
2. *Rubus allegheniensis*	5		FACU
3.			
4.			
5.			
	35	= Total Cover	

Herb Stratum (Plot size): 5-ft radius			
1. *Parthenocissus quinquefolia*	50	X	FACU
2. *Circaea canadensis*	25	X	FACU
3. *Packera aurea*	10		FACW
4. *Cryptotaenia canadensis*	5		FAC
5. *Impatiens capensis*	5		FACW
6. *Galium aparine*	5		FACU
7.			
8.			
9.			
10			
	100	= Total Cover	

Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
		= Total Cover	

Dominance Test worksheet:
Number of Dominant Species That are OBL, FACW or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 6 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 33.3% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL **Sampling Point: T3P9**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 3/1	100					Silty Clay Loam	
6-11	10YR 4/2	100					Silty Clay Loam	
11-24	10YR 5/2	95	10YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked 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	Depths (inches): ___
Water Table Present?	Yes	___	No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes	___	No	X	Depths (inches): >24

Wetland Hydrology Present? Yes ___ **No** X

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

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Midland Pointe | City/County: Noblesville/ Hamilton | Sample Date: 7/20/2022
Applicant/Owner: Secure Holdings, LLC | State: IN | Sample Point: T3P10
Investigator(s): Eric Ellingson, SPWS | Section: Township, Range: Sec 3, T18N, R4E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 40.041223° | Long: -86.069626° | Datum: WGS 84
Soil Map Unit Name: Miami Silt Loam | NWI classification: None
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 Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks: Upland old field

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Juglans nigra*	5	X	FACU
2. *Pyrus calleryana*	5	X	UPL
3.			
4.			
5.			
	10 = Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Schedonorus arundinaceus*	65	X	FACU
2. *Plantago lanceolata*	20	X	FACU
3. *Cirsium arvense*	10		FACU
4. *Daucus carota*	5		UPL
5.			
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= 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: 4 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 0.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

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

SOIL **Sampling Point: T3P10**

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

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 4/3	100					Silt Loam	
6-12	10YR 4/4	100					Silt Loam	
12-24	10YR 5/4	100					Silt Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] 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)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ Coast Prairie Redox (A16)
- ____ Dark Surface (S7)
- ____ Iron-Manganese Masses (F12)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: ____

Depth (in.) ____

Hydric Soil Present? Yes ____ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked 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	Depths (inches): ____
Water Table Present?	Yes	____	No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes	____	No	X	Depths (inches): >24

Wetland Hydrology Present? Yes ____ **No** X

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

Remarks:

APPENDIX B

SITE PHOTOGRAPHS

APPENDIX B
SECURE HOLDINGS: MIDLAND POINTE - HAMILTON COUNTY, INDIANA

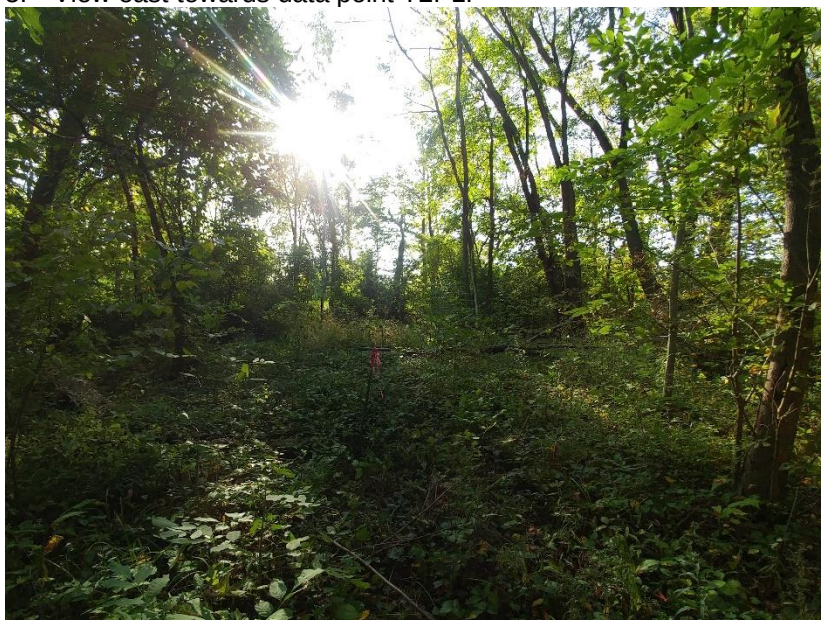
1. View east of data point T1P1, 7/20/2021

2. View east from data point T1P2.

3. View of south at data point T1P3.

4. View north at data point T1P4.

5. View east towards data point T2P1.



6. View west at data point T2P2.

7. View south of Section II-A at data point T2P3.

8. View south at data point T2P4.

9. View south of Section II-B at data point T2P5.

11. View east from data point T2P7.

10. View south at data point T2P6.

12. View south from data point T2P8.

13. View east from data point T3P1.

15. View south towards data point T3P4.

14. View north of Section I near data point T3P3.

16. View west from data point T3P5.

17. View north from data point T3P6, 7/20/2022.

19. View north of Section II-C at data point T3P8.

18. View east towards Section II-C near data point T3P7.

20. View south towards culvert under Midland Trace Trail.

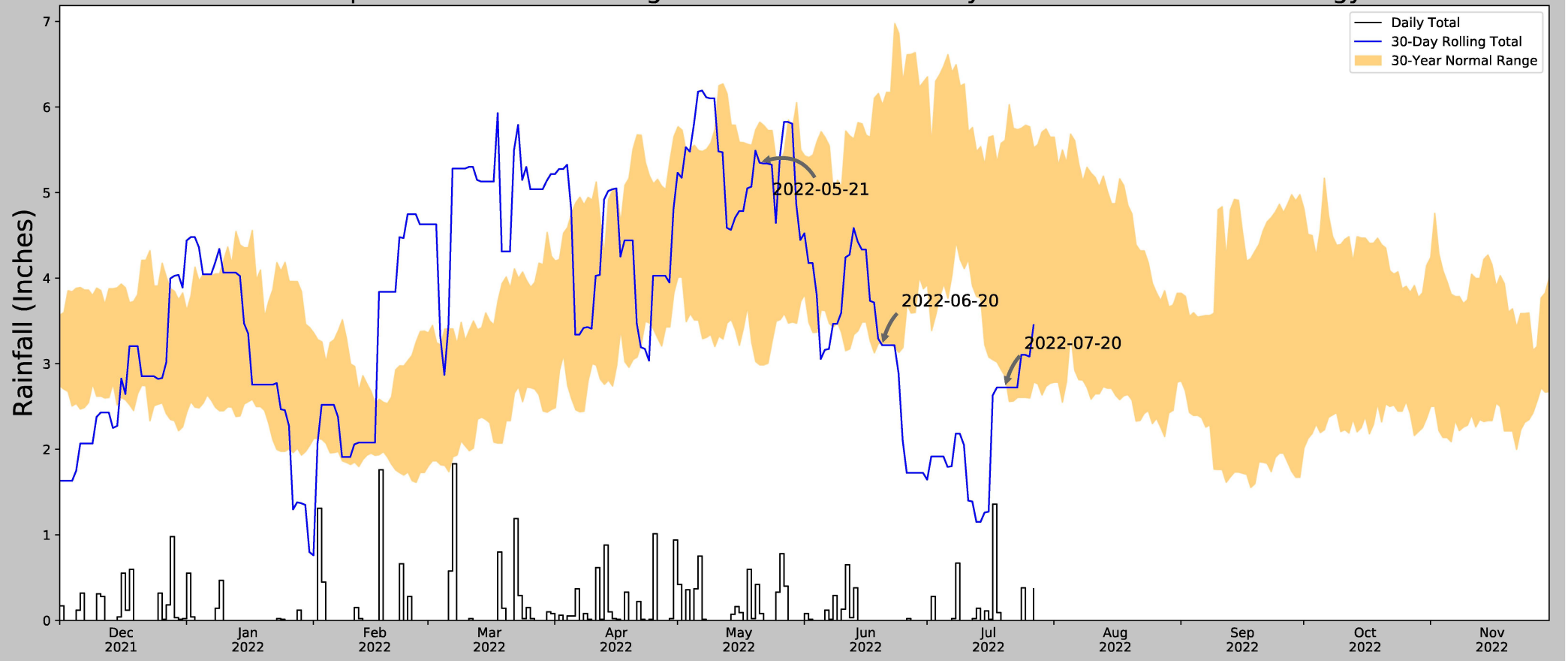
21. View north from data point T3P9, 7/20/2022.

22. View north from data point T3P10.

APPENDIX C

“TYPICAL YEAR” PRECIPITATION DATA

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



Coordinates	40.041223, -86.069626
Observation Date	2022-07-20
Elevation (ft)	824.19
Drought Index (PDSI)	Mild wetness (2022-06)
WebWIMP H_2O Balance	Dry Season

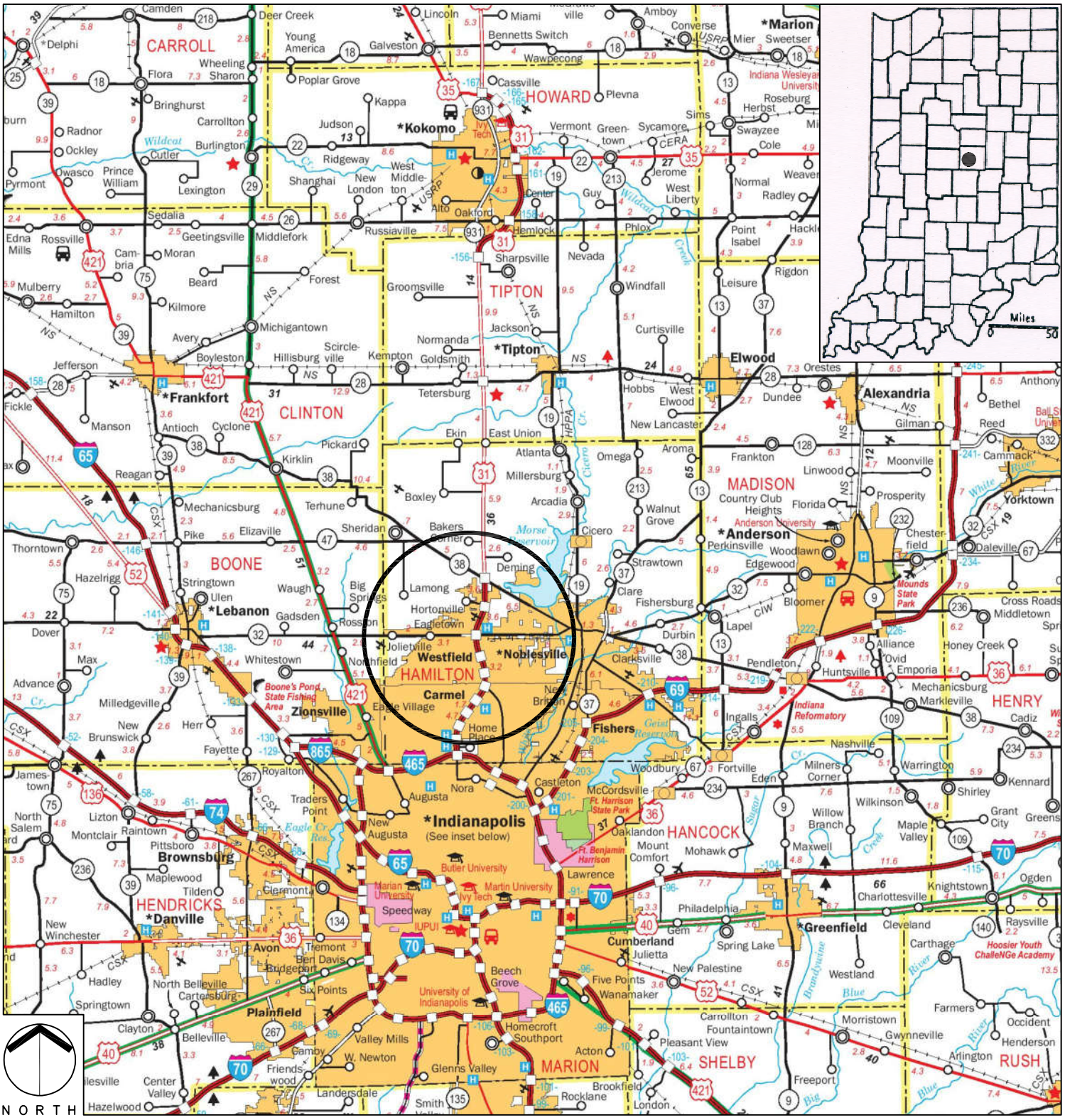
30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2022-07-20	2.851969	5.611811	2.720473	Dry	1	3	3
2022-06-20	3.237795	6.023622	3.216536	Dry	1	2	2
2022-05-21	2.985433	5.82441	5.350394	Normal	2	1	2
Result							Drier than Normal - 7

Figure and tables made by the
Antecedent Precipitation Tool
Version 1.0

Written by Jason Deters
U.S. Army Corps of Engineers

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
CASTLETON 2 S	39.88, -86.0514	824.147	11.181	0.043	5.032	8232	90
INDIANAPOLIS 10.0 NE	39.8807, -86.0392	836.942	0.649	12.795	0.3	1	0
INDIANAPOLIS 9.5 NE	39.8926, -86.0824	771.982	1.86	52.165	0.934	14	0
INDIANAPOLIS 11.7 NNE	39.9232, -86.0619	788.058	3.036	36.089	1.476	2	0
INDIANAPOLIS 12.6 NE	39.9041, -85.9996	837.927	3.211	13.78	1.489	1	0
OAKLANDON GEIST RSVR	39.9, -85.9833	794.948	3.866	29.199	1.853	2872	0
CARMEL 3 E	39.9617, -86.0586	751.969	5.658	72.178	2.954	90	0
FISHERS 2 N	39.9844, -86.0203	799.869	7.399	24.278	3.509	126	0
NOBLESVILLE 3 W	40.0383, -86.0711	827.1	10.987	2.953	4.977	14	0
INDIANAPOLIS SE SIDE	39.7164, -86.0678	845.144	11.337	20.997	5.34	1	0

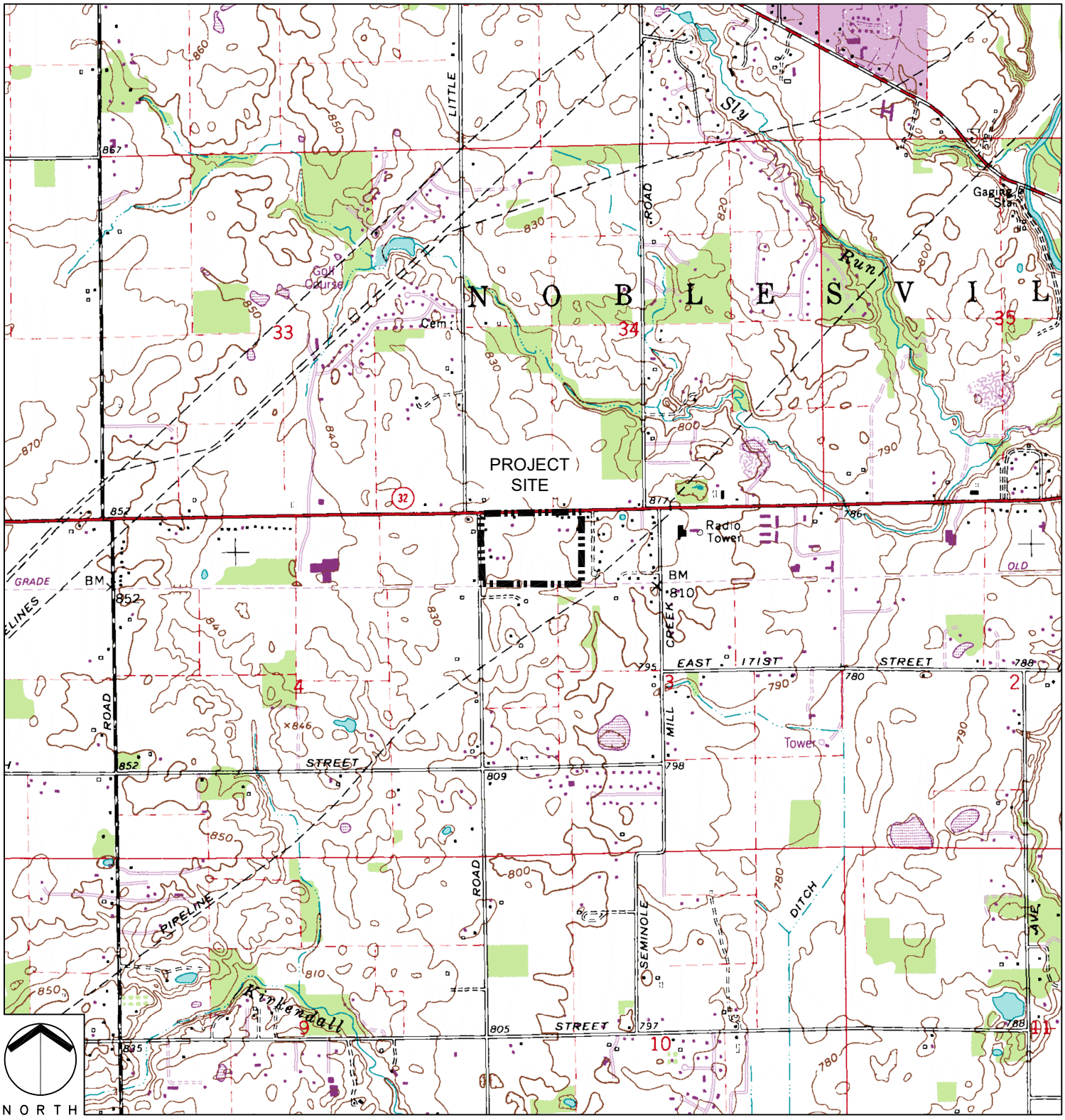
DELINEATION GRAPHICS



Project Name: MIDLAND POINTE	**REGIONAL LOCATION MAP**
Agent:	0 — 10 MI — 20 MI Scale 1 IN = 10 MI
Earth·Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607	Applicant: SECURE HOLDINGS, LLC 9000 KEYSTONE CROSSING, SUITE 660 INDIANAPOLIS, INDIANA 46240

State: INDIANA		County: HAMILTON
Township Name: NOBLESVILLE		
Township: T18N	Range: R4E	Section: SEC 3
Quadrangle: NOBLESVILLE (IN)		
Latitude/Longitude (WGS 84): 40.041740°, -86.068455°		
Date: 9-27-2022		Attachment: M1

Basemap: Indiana Department of Transportation. Indiana Roadway Map 2021. Indianapolis, Indiana



Project Name:	MIDLAND POINTE
Agent:	Earth·Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607

PROJECT LOCATION MAP

0 2,000 FT 4,000 FT

Scale 1 IN = 2,000 FT

Applicant:

SECURE HOLDINGS, LLC
9000 KEYSTONE CROSSING, SUITE 660
INDIANAPOLIS, INDIANA 46240

State: INDIANA		County: HAMILTON
Township Name: NOBLESVILLE		
Township: T18N	Range: R4E	Section: SEC 3
Quadrangle: NOBLESVILLE (IN)		
Latitude/Longitude (WGS 84): 40.041740°, -86.068455°		
Date: 9-27-2022		Attachment: M2

Basemap: U.S. Geological Survey. 1992. Noblesville Quadrangle. 1:24,000. Map. 7.5-Minute Series. U.S. Department of the Interior. Reston, VA.

NORTH

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Project Name:	MIDLAND POINTE
Agent:	Earth·Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607

NATIONAL WETLANDS INVENTORY MAP

0 250 FT 500 FT

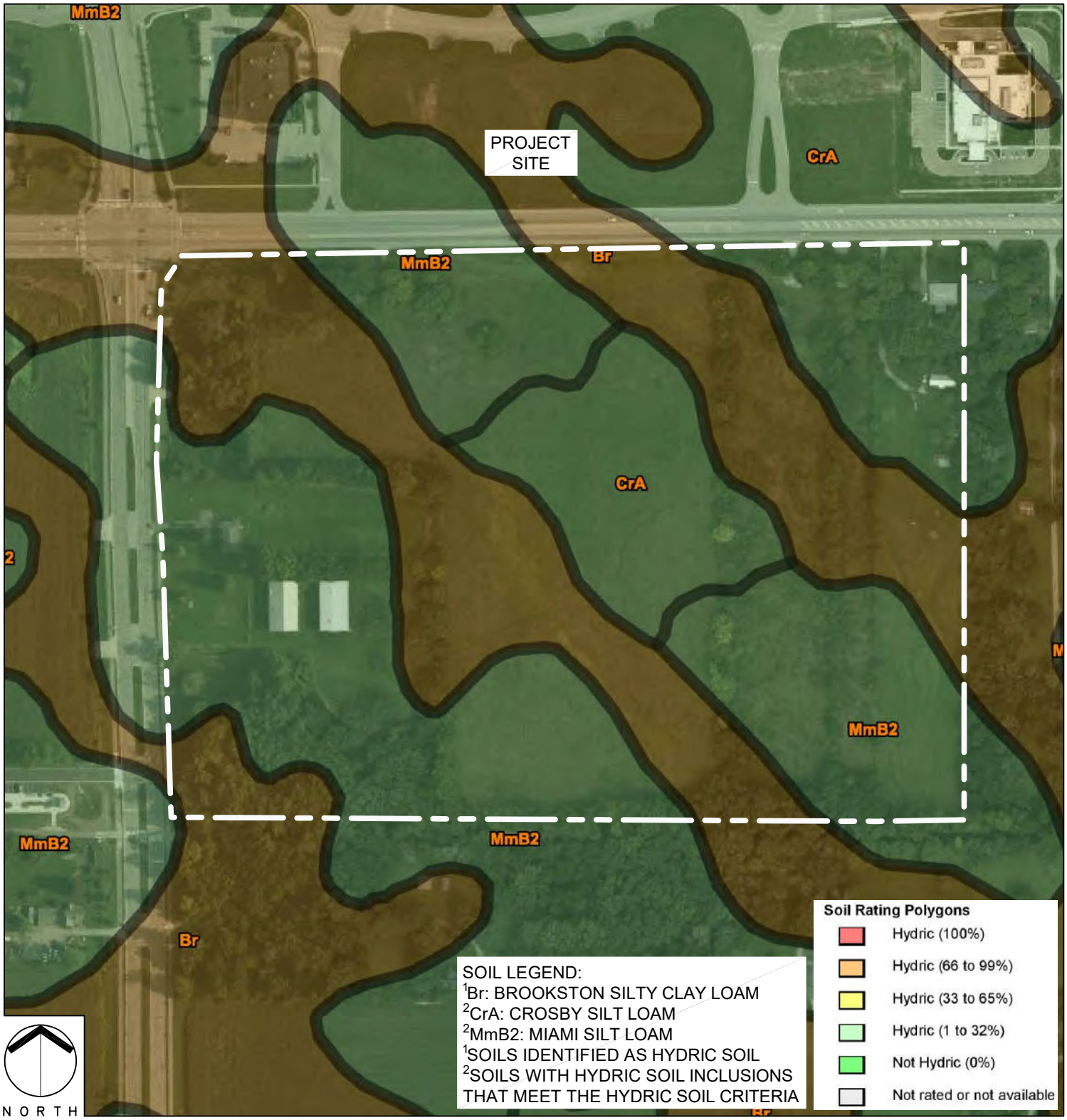
Scale 1 IN = 250 FT

Applicant:

SECURE HOLDINGS, LLC
9000 KEYSTONE CROSSING, SUITE 660
INDIANAPOLIS, INDIANA 46240

State: INDIANA		County: HAMILTON
Township Name: NOBLESVILLE		
Township: T18N	Range: R4E	Section: SEC 3
Quadrangle: NOBLESVILLE (IN)		
Latitude/Longitude (WGS 84): 40.041740°, -86.068455°		
Date: 9-27-2022		Attachment: M3

Basemap: U.S. Fish and Wildlife Service. 2021. National Wetlands Inventory website. U.S. Department of the Interior, Fish and Wildlife Service. Washington, D.C. http://www.fws.gov/wetlands/.



Project Name:	MIDLAND POINTE
Agent:	Earth·Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607

HAMILTON COUNTY SOIL SURVEY MAP

0 250 FT 500 FT

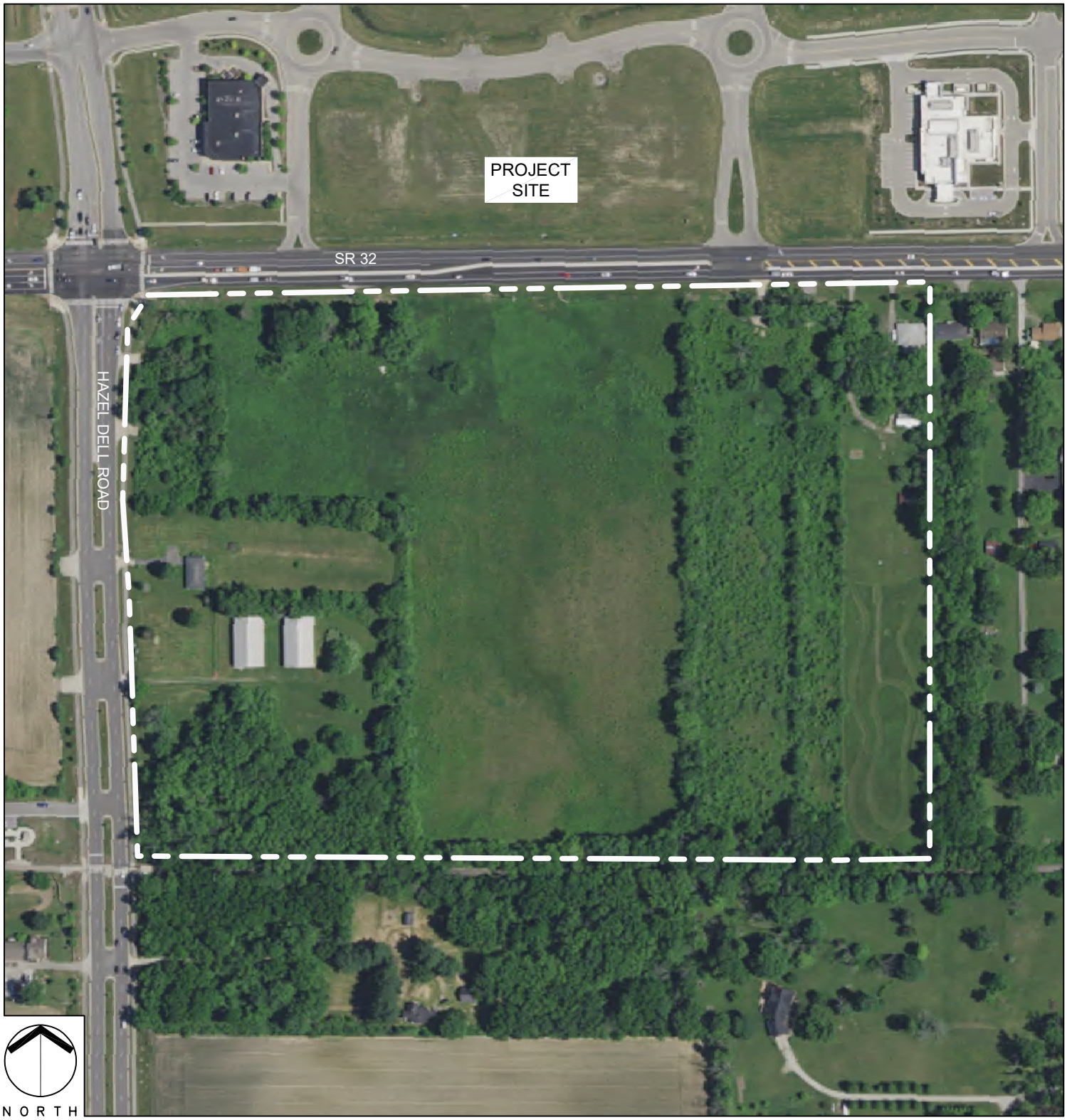
Scale 1 IN = 250 FT

Applicant:

SECURE HOLDINGS, LLC
9000 KEYSTONE CROSSING, SUITE 660
INDIANAPOLIS, INDIANA 46240

State: INDIANA		County: HAMILTON
Township Name: NOBLESVILLE		
Township: T18N	Range: R4E	Section: SEC 3
Quadrangle: NOBLESVILLE (IN)		
Latitude/Longitude (WGS 84): 40.041740°, -86.068455°		
Date: 9-27-2022		Attachment: M4

Basemap: Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at the following link: http://websoilsurvey.sc.egov.usda.gov/. Accessed 7-18-2022.



Project Name: MIDLAND POINTE	
Agent: Earth·Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607	

2020 AERIAL PHOTOGRAPH MAP

0 250 FT 500 FT

Scale 1 IN = 250 FT

Applicant:

SECURE HOLDINGS, LLC
9000 KEYSTONE CROSSING, SUITE 660
INDIANAPOLIS, INDIANA 46240

State: INDIANA		County: HAMILTON
Township Name: NOBLESVILLE		
Township: T18N	Range: R4E	Section: SEC 3
Quadrangle: NOBLESVILLE (IN)		
Latitude/Longitude (WGS 84): 40.041740°, -86.068455°		
Date: 9-27-2022		Attachment: M5

Basemap: Farm Service Agency. 2020 Aerial. National Agriculture Imagery Program. U.S. Department of Agriculture. Salt Lake City, Utah.

Project Name:	MIDLAND POINTE
Agent:	Earth·Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607

WETLAND DELINEATION MAP

0 250 FT 500 FT

Scale 1 IN = 250 FT

Applicant:

SECURE HOLDINGS, LLC
9000 KEYSTONE CROSSING, SUITE 660
INDIANAPOLIS, INDIANA 46240

State: INDIANA		County: HAMILTON
Township Name: NOBLESVILLE		
Township: T18N	Range: R4E	Section: SEC 3
Quadrangle: NOBLESVILLE (IN)		
Latitude/Longitude (WGS 84): 40.041740°, -86.068455°		
Date: 9-27-2022		Attachment: M6

Basemap: Farm Service Agency. 2020 Aerial. National Agriculture Imagery Program. U.S. Department of Agriculture. Salt Lake City, Utah.

Project Name: MIDLAND POINTE	
Agent: Earth·Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607	

DATA POINT LOCATION MAP

0 250 FT 500 FT

Scale 1 IN = 250 FT

Applicant:

SECURE HOLDINGS, LLC
9000 KEYSTONE CROSSING, SUITE 660
INDIANAPOLIS, INDIANA 46240

State: INDIANA		County: HAMILTON
Township Name: NOBLESVILLE		
Township: T18N	Range: R4E	Section: SEC 3
Quadrangle: NOBLESVILLE (IN)		
Latitude/Longitude (WGS 84): 40.041740°, -86.068455°		
Date: 9-27-2022		Attachment: M7

Basemap: Farm Service Agency. 2020 Aerial. National Agriculture Imagery Program. U.S. Department of Agriculture. Salt Lake City, Utah.

LAND PLANNING - LANDSCAPE ARCHITECTURE
CONSTRUCTED WETLANDS - WATERSHED ANALYSIS - HABITAT DESIGN
WETLAND DELINEATION, MITIGATION AND MONITORING
SECTION 10, 401 AND 404 PERMITTING

14921 Hand Road, Ft. Wayne, IN 46818
(260) 489-8511 FAX: (260) 489-8607