| 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

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

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 <<u>Jared.Wilkerson@kimley-horn.com</u>>
Sent: Friday, March 24, 2023 1:49 PM
To: Ashlee Nichter <<u>anichter@earthsourceinc.net</u>>
Cc: Jim Adams <<u>jadams@adamsfrench.com</u>>; Eric Ellingson <<u>eric@earthsourceinc.net</u>>
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 <<u>WRobinso@idem.IN.gov</u>>
Sent: Friday, March 24, 2023 11:52 AM
To: Ashlee Nichter <<u>anichter@earthsourceinc.net</u>>
Cc: Eric Ellingson <<u>eric@earthsourceinc.net</u>>
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 <<u>WRobinso@idem.IN.gov</u>>
Cc: Eric Ellingson <<u>eric@earthsourceinc.net</u>>
Subject: RE: 2023-50-29-WLR-Q Midland Point WOSD exemptions

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

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 <<u>WRobinso@idem.IN.gov</u>> 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: <u>http://www.in.gov/idem/stormwater</u> 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







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

2023-50-29-WLR-Q

Midland Pointe WOSD

PROJECT NO.:

PROJECT NAME:

AUTHORITY:

. .

DATE OF ISSUANCE: 3/29/2023

DATE OF EXPIRATION:

3/29/2028

2 Wo

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

APPROVED:

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

RESPONSIBLE PARTIES:

DELINEATOR(S):

AGENT(S):

9000 Keystone Crossing, Suite 660 Indianapolis, IN 46240 Ashlee Nichter

Earthsource INC 14921 Hand Road Fort Wayne, IN 46818

Secure Holdings, LLC Attn: James Adams

EarthSource INC Attn: Ashlee Nichter

14921 Hand Road Fort Wayne, IN 46818



IDEM No. 2023-50-29-WLR-Q, Midland Pointe WOSD Page 2

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 <u>http://www.in.gov/oea</u>.

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.

IDEM No. 2023-50-29-WLR-Q, Midland Pointe WOSD Page 5



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)



| Project Name: MIDLAND POINTE | WETLAND DELINEATION MAP | | State: INDIANA | 4 | County: H | AMILTON |
|--|--|------|---|---|----------------------------------|--|
| Agent: Earth-Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607 | 0 250 FT 500 FT Scale 1 IN = 250 FT Applicant: SECURE HOLDINGS, LLC 9000 KEYSTONE CROSSING, SUITE 660 INDIANAPOLIS, INDIANA 46240 | | Township Name: Township: T18N Quadrangle: Latitude/Longitude 40.04 | NOBLE Range: R4 DBLESV (WGS 84): 11740°, | ESVILL E /ILLE (-86.06 | E Section: SEC 3 IN) 8455° |
| | | 20 K | 9-27-202 | 22 | Attachm | 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 PROC REQUEST FOR APPEAL | CESS AND | | | | | |
| Applicant: Midland Pointe, LLCFile Number: LRL-2022-1071 | Date: 01/05/2023 | | | | | |
| Attached is: | See Section below | | | | | |
| INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission) | А | | | | | |
| PROFFERED PERMIT (Standard Permit or Letter of permission) | В | | | | | |
| PERMIT DENIAL | С | | | | | |
| X APPROVED JURISDICTIONAL DETERMINATION | D | | | | | |
| PRELIMINARY JURISDICTIONAL DETERMINATION | Е | | | | | |
| SECTION I - The following identifies your rights and options regarding an administrative a decision. Additional information may be found at <u>http://www.usace.army.mil/CECW/Pages/re</u> Corps regulations at 33 CFR Part 331. | appeal of the above eg materials.aspx or | | | | | |
| 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 dist authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is a signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entired to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated as a standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit in the standard permit or acceptance of the LOP means that you accept the permit or acceptance of the LOP means that you accept the permit or acceptance of the LOP m | rict engineer for final authorized. Your ty, and waive all rights ciated with the permit. | | | | | |
| • OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, the permit be modified accordingly. You must complete Section II of this form and return the form to the Your objections must be received by the district engineer within 60 days of the date of this notice, or you to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objection to address all of your concerns, (b) modify the permit to address some of your objection the permit having determined that the permit should be issued as previously written. After evaluating you district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below. | , you may request that e district engineer. a will forfeit your right jections and may: (a) ons, or (c) not modify our objections, the ow. | | | | | |
| 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 dist authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is a signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entired to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associ | rict engineer for final authorized. Your ty, and waive all rights ciated 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 Administration by completing Section II of this form and sending the form to the division engineer. This form must be receiven engineer within 60 days of the date of this notice. | rative Appeal Process ved by the division | | | | | |
| D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the provide new information. | approved JD or | | | | | |
| • 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 Er Appeal Process by completing Section II of this form and sending the form to the division engineer. This by the division engineer within 60 days of the date of this notice. | ngineers Administrative s form must be received | | | | | |
| E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respon regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may approved JD (which may be appealed), by contacting the Corps district for further instruction provide new information for further consideration by the Corps to reevaluate the JD. | nd to the Corps 7 request an on. Also you may | | | | | |

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: | If you only have questions regarding the appeal process you may also 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 | 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: <u>katherine.a.mccafferty@usace.army.mil</u> |

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.

| | Date: | Telephone number: |
|----------------------------------|-------|-------------------|
| Signature of appellant or agent. | | |

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. <u>REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):</u>

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 waters² (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 waterbody⁴ 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 rainfa | all: inches |
| Average annual snow | fall: inches |

(ii) Physical Characteristics:

(a) <u>Relationship with TNW:</u>

 ☐ 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 TNW⁵: 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) <u>Ge</u> | eneral Tributary Characteristics (check all that apply): |
|-----------------------------------|--|
| Tr | ibutary is: 📃 Natural |
| | Artificial (man-made). Explain: |
| | Manipulated (man-altered). Explain: |
| Tr | ibutary properties with respect to top of bank (estimate): Average width: feet Average depth: feet Average side slopes: Pick List. |
| Pri | imary tributary substrate composition (check all that apply): Silts Sands Concrete Cobbles Gravel Muck Bedrock Vegetation. Type/% cover: Other. Explain: |
| Tr Pro Tr Tr | ibutary condition/stability [e.g., highly eroding, sloughing banks]. Explain: esence of run/riffle/pool complexes. Explain: ibutary geometry: Pick List ibutary gradient (approximate average slope): % |
| (c) <u>Fla</u> Tri Es Ot | ow: ibutary provides for: Pick List timate average number of flow events in review area/year: Pick List Describe flow regime: her information on duration and volume: |
| Su | rface flow is: Pick List. Characteristics: |
| Su | bsurface flow: Pick List . Explain findings: |
| Tr | ibutary has (check all that apply): Bed and banks OHWM⁶ (check all indicators that apply): clear, natural line impressed on the bank changes in the character of soil shelving vegetation matted down, bent, or absent leaf litter disturbed or washed away sediment deposition water staining 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/characteristics physical markings/characteristics vegetation lines/changes in vegetation types. other (list): other (list): |
| Chemi Charact | cal Characteristics: terize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics. |

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.). Explain:

Identify specific pollutants, if known:

(iii)

.

⁶A 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. ⁷Ibid.

(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) <u>General Wetland Characteristics:</u> Properties: Wetland size: acres Wetland type. Explain: Wetland quality. Explain: Project wetlands cross or serve as state boundaries. Explain:
- (b) <u>General Flow Relationship with Non-TNW</u>: Flow is: **Pick List**. Explain:

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

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

(c) <u>Wetland Adjacency Determination with Non-TNW:</u>

- 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):

- 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. **<u>RPWs</u>** 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):

acres.

- Tributary waters: linear feet width (ft).
- Other non-wetland waters:
 - Identify type(s) of waters:
- 3. Non-RPWs⁸ 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:

⁸See 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 <u>solely</u> 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 <u>sole</u> 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):

| 1 | Non-wetland | waters (i.e., | rivers, | streams): | linear feet | width (f | 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.
 - \boxtimes 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.

 \square

- 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 \boxtimes 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:



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.

14921 Hand Road, Fort Wayne, IN 46818 Phone (260) 489-8511 Fax (260) 489-8607

landscape architecture • land planning • wetland delineation, permitting & design native seed nursery • ecological restoration • management Sincerely, *Earth Source Inc*.,

Ashlee N. Nichter Environmental Scientist

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Enclosures



State Regulated Wetland Class Determination Worksheet

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

(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 <u>https://www.in.gov/dnr/nature-preserves/heritage-datacenter/about-inhdc/</u>.

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: <u>WetlandsProgram@idem.IN.gov</u>

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

Program Website:

| Form Completed By: | | | | | |
|--|--|---|---|---|--|
| First Name: | Last Name: | | Agent Affiliation (Company Name): | | |
| Ashlee | Nichter | | Earth Source, Inc. | | |
| Phone Number: | | Email address: | | | |
| 260-489-8511 | | anichter@e | arthsourceinc.net | | |
| Project Name: | | Wetland ID (per | the wetland delineation): | Wetland Size (Acres): | |
| Midland Pointe | | Section I | | 0.17 | |
| STATE REGULATED WETLAND CLA | ASSIFICATION: 🗌 Class I 🔳 | Class II | Class III | 1 | |
| Class III Assessment | | | | | |
| (1) Is the wetland a listed rare or ecolo | gically important type under IC | 13-11-2-25.8(3 |)(B)? | 🗌 Yes 🔳 No | |
| If yes, please indicate: | | | | | |
| 🗌 Acid Bog 🔲 Acid Seep 🔲 Circ | cumneutral Bog 🔲 Circumneut | ral Seep 🔲 C | /press Swamp 🔲 Dune and Sw | ale | |
| 🗌 Fen 🔲 Forested Fen 🗌 Fore | ested Swamp 🔲 Marl Beach | Muck Flat | 🗌 Panne 🔲 Sand Flat 🗌 Sec | dge Meadow | |
| 🗌 Shrub Swamp 🔲 Sinkhole Po | nd 🔲 Sinkhole Swamp 🔲 We | t Floodplain Fo | rest 🔲 Wet Prairie 🔲 Wet Sa | and 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? 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? 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. | | | | | |
| Assessment below. If yes, the \ | Vetland is Class III. | | • | | |
| (5) Does the wetland support more the Assessment below. If yes, the V | an minimal hydrological function Netland is Class III. | ? Please com | plete the Hydrology Functiona | al 🗌 Yes 🗌 No | |
| Please include any additional comm separate attachment appended to the Any of the following scenarios indice Checking 'Yes' for Question 2 Checking 'Yes' for Question 2 Checking 'Yes' for Question 3 Checking 'Yes' for Question 3 | nents, justifications, and/or su nis form. cate the Wetland is Class III: 2 3 and Question 4 6 3 and Question 5 | pporting docu Section I is a the Midland T roadside drain railroad grade were present and FAC-Neu | Imentation related to the Class forested wetland impounded race Trail. The wetland receiv nage from Hazel Dell Road ar e). Only two (2) secondary hyd at the time of delineation, Ge tral Test. | s III Assessment as a on the south side by ves hydrology from nd the trail (former drology indicators omorphic position | |
| If the Wetland is Class III, check Cla applicable), and the form is now cor | ss III at the top of the form, c nplete. | | | | |

| <u>Wetla</u> | nd Ha | abitat Functional Assessment: | | | | | |
|-----------------------------|---|---|--------------------|--|--|--|--|
| (6) Do C O | a) Does the wetland support moderate habitat? (see options below) Checking yes also meets the requirements of Question 4. One "Yes" response below is needed to show moderate habitat function. | | | | | | |
| • | In∙ ∎ | dicators 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? Indicate which method used: | 🗌 Yes 🔳 No | | | | |
| | • | Are other moderate habitat indicators present (Explain in Remarks)? | 🗌 Yes 🔳 No | | | | |
| Pleas Asses | e incl ssme | lude any additional comments, justifications, and/or supporting documentation related to the Wetland Hand Hand Int as a separate attachment appended to this form. | abitat Functional | | | | |
| <u>Wetla</u> | nd H | ydrology Functional Assessment: | | | | | |
| (7) Do Ch | es th eckir | e wetland support moderate hydrological function? (see options below) ng yes also meets the requirements of Question 5. | Yes No | | | | |
| Indica mode | tors rate l | of moderate hydrological function. At least one primary indicator or two secondary indicators are neede hydrological function. | d to show | | | | |
| • | Prii | mary 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 1 st -3 rd order or 4 th – 5 th 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. <u>https://www.in.gov/idem/cleanwater/information-about/groundwater-monitoring-and-source-water-protection/weprogram/source-water-proximity-determination-tool/</u> | Ilhead-protection- | | | | |
| • | 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 (<i>Explain in Remarks</i>) | | | | | | |
| Ple Fu Ar Or Or | ease nctio y of t ly Ch ly Ch | include any additional comments, justifications and/or supporting documentation related to the Wetland anal Assessment as a separate attachment appended to this form. the following scenarios indicate the Wetland is Class II: lecking 'Yes' to Question (6) lecking 'Yes' to Question (7) | Hydrology | | | | |
| lf t lf t | he W he W | /etland is Class II, check Class II at the top of the form, and the form is now complete. /etland is not Class III or Class II, check Class I at the top of the form and the form is now complete. | | | | | |
| Supp | orting | g Guidance Documents: | | | | | |
| • | <u>St</u> | ate 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

(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 <u>https://www.in.gov/dnr/nature-preserves/heritage-datacenter/about-inhdc/</u>.

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: <u>WetlandsProgram@idem.IN.gov</u>

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

Program Website:

| Form Completed By: | | | | | | |
|--|--|---|--|---|--|--|
| First Name: | Last Name: | | Agent Affiliation (Company Name): | | | |
| Ashlee Nichter | | | Earth Source, Inc. | | | |
| Phone Number: | | Email address: | | | | |
| 260-489-8511 | | anichter@ea | arthsourceinc.net | | | |
| Project Name: | | Wetland ID (per | the wetland delineation): | Wetland Size (Acres): | | |
| Midland Pointe | | Section IIA | | 0.02 | | |
| STATE REGULATED WETLAND CLA | ASSIFICATION: 🔳 Class I | Class II | Class III | | | |
| Class III Assessment | | | | | | |
| (1) Is the wetland a listed rare or ecolo | gically important type under IC ² | 13-11-2-25.8(3 |)(B)? | 🗌 Yes 🔳 No | | |
| If yes, please indicate: | | | | | | |
| 🗌 Acid Bog 🔲 Acid Seep 🔲 Circ | cumneutral Bog 🔲 Circumneutr | al Seep 🔲 Cy | ypress Swamp 🔲 Dune and Sw | vale | | |
| 🗌 Fen 🔲 Forested Fen 🗌 Fore | ested Swamp 🔲 Marl Beach [| Muck Flat | 🗌 Panne 🔲 Sand Flat 🗌 See | dge Meadow | | |
| 🗌 Shrub Swamp 🔲 Sinkhole Por | nd 🔲 Sinkhole Swamp 🔲 Wet | Floodplain Fo | rest 🔲 Wet Prairie 🔲 Wet Sa | and 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? 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? | | | | | | |
| (4) Does the wetland support more that | a haditat functional Assessm an minimal wildlife or aquatic ha | ent. bitat? Please o | complete the Habitat Function | | | |
| Assessment below. If yes, the V | Vetland is Class III. | | | | | |
| (5) Does the wetland support more that Assessment below. If yes, the V | an minimal hydrological function Vetland is Class III. | ? Please com | plete the Hydrology Functiona | al 🗌 Yes 🗌 No | | |
| Please include any additional comm separate attachment appended to the Any of the following scenarios indic • Checking 'Yes' for Question 1 • Checking 'Yes' for Question 2 • Checking 'Yes' for Question 3 • Checking 'Yes' for Question 3 | ents, justifications, and/or su is form. ate the Wetland is Class III: and Question 4 3 and Question 5 | pporting docu Section IIA is prosional dep conveyance. 2019. The we species. | a small emergent wetland loo ression within a constructed s The flow path was constructed tland is dominated by wetland | s III Assessment as a cated within an stormwater d between 2018 and d and upland | | |
| If the Wetland is Class III, check Class | ss III at the top of the form, c | | | | | |

| Wetland Habitat Functional Assessment: | | | |
|---|---|---|--------------------|
| (6) Do Cł Or | es th Ieck | e wetland support moderate habitat? (see options below) ing yes also meets the requirements of Question 4. /es" response below is needed to show moderate habitat function. | Yes No |
| • | In ∙ | dicators 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? <u>https://databasin.org/datasets/fdb91971a11d46d39661f0a56c3585ca/</u> | ☐ 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? Indicate which method used: | 🗌 Yes 🔳 No |
| | • | Are other moderate habitat indicators present (Explain in Remarks)? | 🗌 Yes 🔳 No |
| Please Asses | e inc sme | lude any additional comments, justifications, and/or supporting documentation related to the Wetland Ha nt as a separate attachment appended to this form. | abitat Functional |
| <u>Wetlar</u> | nd H | ydrology Functional Assessment: | |
| (7) Do Ch | es th eckir | e wetland support moderate hydrological function? (see options below) 19 yes also meets the requirements of Question 5. | 🗌 Yes 🔳 No |
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| 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) | | | |
| lf t If t | 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. | | |
| Suppo | rting | g Guidance Documents: | |
| • | St | ate 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

(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 <u>https://www.in.gov/dnr/nature-preserves/heritage-datacenter/about-inhdc/</u>.

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| Form Completed By: | | | | | |
|---|--|--|---|---|--|
| First Name: Last Name: | | Agent Affiliation (Company Name): | | | |
| Ashlee | Nichter | | Earth Source, Inc. | , Inc. | |
| Phone Number: | | Email address: | | | |
| 260-489-8511 | | anichter@ea | arthsourceinc.net | | |
| Project Name: | | Wetland ID (per | the wetland delineation): | Wetland Size (Acres): | |
| Midland Pointe | | Section IIB | | 0.02 | |
| STATE REGULATED WETLAND CL | ASSIFICATION: 🔳 Class I 🗌 |] Class II 🔲 🤇 | Class III | | |
| Class III Assessment | | | | | |
| (1) Is the wetland a listed rare or ecolo | ogically important type under IC | 13-11-2-25.8(3 |)(B)? | 🗌 Yes 🔳 No | |
| If yes, please indicate: | | | | | |
| 🗌 Acid Bog 🔲 Acid Seep 🔲 Cir | cumneutral Bog 🔲 Circumneut | ral Seep 🔲 Cy | /press Swamp 🔲 Dune and Sw | /ale | |
| 🗌 Fen 🔲 Forested Fen 🔲 Fore | ested Swamp 🔲 Marl Beach | Muck Flat | 🗌 Panne 🔲 Sand Flat 🗌 Sec | dge Meadow | |
| 🗌 Shrub Swamp 🔲 Sinkhole Po | nd 🔲 Sinkhole Swamp 🔲 Wet | t Floodplain Fo | rest 🔲 Wet Prairie 🔲 Wet Sa | and Prairie | |
| If yes, the Wetland is Class III. O If no, proceed to Question (2). (2) Does the wetland generally posse ½ mile radius according to the IDI its life cycle? If yes, the Wetland is Class III. O If no, proceed to Question (3). (3) Is the wetland in an undisturbed o If yes, answer Question (4) and form and proceed to the Wetlan (4) Does the wetland support more th Assessment below. If yes, the Wetland (5) Does the wetland support more th Assessment below. If yes, the Wetland | Check Class III at the top of the ss the presence of, or habitat for NR Natural Heritage Database A Check Class III at the top of the r minimally disturbed setting? Question (5). If no, please pro d Habitat Functional Assessm an minimal wildlife or aquatic ha Wetland is Class III. an minimal hydrological function Wetland is Class III. | e form and the rare, threaten ND the specie form and the vide a justification bitat? Please com | form is now complete. ed, or endangered species within s uses the habitat for any stage form is now complete. ation as an attachment to this complete the Habitat Functiona plete the Hydrology Functiona | n a of Yes No Yes No al Yes No al Yes No | |
| Please include any additional comm separate attachment appended to the Any of the following scenarios indice Checking 'Yes' for Question and Checking 'Yes' for Question and Checking 'Yes' for Question and Checking 'Yes' for Question If the Wetland is Class III, check Class | nents, justifications, and/or su nis form. cate the Wetland is Class III: 1 2 3 and Question 4 n 3 and Question 5 ness III at the top of the form, c | pporting docu Section IIB is erosional dep conveyance. 2019. The we species. | imentation related to the Class a small emergent wetland loc ression within a constructed s The flow path was constructe tland is dominated by wetland | s III Assessment as a cated within an stormwater d between 2018 and d and upland | |

| Wetland Habitat Functional Assessment: | | | |
|---|---|---|--------------------|
| (6) Do Cł Or | es th Ieck | e wetland support moderate habitat? (see options below) ing yes also meets the requirements of Question 4. /es" response below is needed to show moderate habitat function. | Yes No |
| • | In ∙ | dicators 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? <u>https://databasin.org/datasets/fdb91971a11d46d39661f0a56c3585ca/</u> | ☐ 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? Indicate which method used: | 🗌 Yes 🔳 No |
| | • | Are other moderate habitat indicators present (Explain in Remarks)? | 🗌 Yes 🔳 No |
| Please Asses | e inc sme | lude any additional comments, justifications, and/or supporting documentation related to the Wetland Ha nt as a separate attachment appended to this form. | abitat Functional |
| <u>Wetlar</u> | nd H | ydrology Functional Assessment: | |
| (7) Do Ch | es th eckir | e wetland support moderate hydrological function? (see options below) 19 yes also meets the requirements of Question 5. | 🗌 Yes 🔳 No |
| Indicators of moderate hydrological function. At least one primary indicator or two secondary indicators are needed to show moderate hydrological function. | | | |
| • | Pri: | mary 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 1 st -3 rd order or 4 th – 5 th 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. <u>https://www.in.gov/idem/cleanwater/information-about/groundwater-monitoring-and-source-water-protection/weprogram/source-water-proximity-determination-tool/</u> | Ilhead-protection- |
| 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 (<i>Explain in Remarks</i>) | | | |
| 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) | | | |
| lf t If t | 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. | | |
| Suppo | rting | g Guidance Documents: | |
| • | St | ate Regulated Wetlands: https://www.in.gov/idem/wetlands/information-about/isolated-wetlands-program/ | |



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

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- (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 <u>https://www.in.gov/dnr/nature-preserves/heritage-datacenter/about-inhdc/</u>.

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| Form Completed By: | | | | |
|--|--|-----------------------------------|----------------------------------|-----------------------|
| First Name: Last Name: | | Agent Affiliation (Company Name): | | |
| Ashlee | Nichter | | Earth Source, Inc. | |
| Phone Number: | | Email address: | | |
| 260-489-8511 | | anichter@ea | arthsourceinc.net | |
| Project Name: | | Wetland ID (per | the wetland delineation): | Wetland Size (Acres): |
| Midland Pointe | | Section IIC | | 0.05 |
| STATE REGULATED WETLAND CLA | ASSIFICATION: 🔳 Class I | Class II 🔲 | Class III | · |
| Class III Assessment | | | | |
| (1) Is the wetland a listed rare or ecolo | gically important type under IC ? | 3-11-2-25.8(3 |)(B)? | 🗌 Yes 🔳 No |
| If yes, please indicate: | | | | |
| 🗌 Acid Bog 🔲 Acid Seep 🔲 Circ | cumneutral Bog 🔲 Circumneutr | al Seep 🔲 Cy | /press Swamp 🔲 Dune and Sw | ale |
| 🗌 Fen 🔲 Forested Fen 🗌 Fore | ested Swamp 🔲 Marl Beach [| Muck Flat | 🗌 Panne 🔲 Sand Flat 🗌 See | dge Meadow |
| 🗌 Shrub Swamp 🔲 Sinkhole Po | nd 🔲 Sinkhole Swamp 🔲 Wet | Floodplain Fo | rest 🔲 Wet Prairie 🔲 Wet Sa | and Prairie |
| If yes, the Wetland is Class III. C If no, proceed to Question (2). | se the presence of or habitat for | form and the | form is now complete. | na 🗌 Yes 🔳 No |
| ¹ / ₂ mile radius according to the IDN its life cycle? | NR Natural Heritage Database A | ND the specie | s uses the habitat for any stage | of |
| If yes, the Wetland is Class III. C If no, proceed to Question (3). | heck Class III at the top of the | form and the | form is now complete. | |
| (3) Is the wetland in an undisturbed or | minimally disturbed setting? | | | 🗌 Yes 🔳 No |
| If yes, answer Question (4) and form and proceed to the Wetland | Question (5). If no, please prov d Habitat Functional Assessm | vide a justifica ent. | ation as an attachment to this | |
| (4) Does the wetland support more the | an minimal wildlife or aquatic ha | bitat? Please o | complete the Habitat Functiona | al 🗌 Yes 🗌 No |
| Assessment below. If yes, the V | Netland is Class III. | | | |
| (5) Does the wetland support more the Assessment below. If yes, the V | an minimal hydrological function Wetland is Class III. | ? Please com | plete the Hydrology Functiona | al 🗌 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 aterminator | | | | |
| Any of the following scenarios indic Checking 'Yes' for Question 2 Checking 'Yes' for Question 2 Checking 'Yes' for Question 3 Checking 'Yes' for Question | cate the Wetland is Class III: | conveyance. 2019. | The flow path was constructe | d between 2018 and |
| If the Wetland is Class III, check Cla applicable), and the form is now cor | ss III at the top of the form, c nplete. | | | |

| Wetland Habitat Functional Assessment: | | | |
|---|---|---|--------------------|
| (6) Do Cł Or | es th Ieck | e wetland support moderate habitat? (see options below) ing yes also meets the requirements of Question 4. /es" response below is needed to show moderate habitat function. | Yes No |
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| | • | 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? Indicate which method used: | 🗌 Yes 🔳 No |
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| <u>Wetlar</u> | nd H | ydrology Functional Assessment: | |
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| Suppo | rting | g Guidance Documents: | |
| • | St | ate Regulated Wetlands: https://www.in.gov/idem/wetlands/information-about/isolated-wetlands-program/ | |

Midland Pointe



January 5, 2023

Minor Roads

Parcels State Highways

Major Roads Subdivisions

Author: Hamilton County

0.2 mi

0.3 km

0.05

0.07

0.1

0.15

0

0

Hamilton County compiled this map. Although strict accuracy standards have been employed, Hamilton County does not warrant or guarantee the accuracy of the information contained herein and disclaims any and all liability resulting from any error or omission.

WETLAND DELINEATION REPORT

MIDLAND POINTE

Prepared for:

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

Prepared by:



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

TABLE OF CONTENTS

| EXECUTIVE SUMMARY | 1 |
|------------------------------------|---|
| INTRODUCTION | 2 |
| METHODOLOGY | 2 |
| WETLAND DELINEATION SUMMARY | 3 |
| CONCLUSIONS AND RECOMMENDATIONS | 5 |
| SUMMARY OF ACRONYMS AND REFERENCES | 7 |

| DATA FORMS | APPENDIX A |
|-----------------------------------|------------|
| SITE PHOTOGRAPHS | APPENDIX B |
| "TYPICAL YEAR" PRECIPITATION DATA | APPENDIX C |

DELINEATION GRAPHICS

| PROJECT LOCATION MAP M NATIONAL WETLANDS INVENTORY MAP M HAMILTON COUNTY SOIL SURVEY MAP M | 11 |
|--|----|
| NATIONAL WETLANDS INVENTORY MAP | 12 |
| HAMILTON COUNTY SOIL SURVEY MAP | 13 |
| | 14 |
| 2020 AERIAL PHOTOGRAPH MAP | 15 |
| WETLAND DELINEATION MAP | 16 |
| DATA POINT LOCATION MAP | 17 |

WETLAND DELINEATION REPORT SECURE HOLDINGS: MIDLAND POINTE - HAMILTON COUNTY, INDIANA

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).

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

TABLE 1. SUMMARY OF WATER RESOURCES

Page 1 of 7; (9/27/2022) PH: (260) 489-8511 FAX: (260) 489-8607

landscape architecture • land planning • wetland science & ecological services native seed nursery • installation • management

WETLAND DELINEATION REPORT SECURE HOLDINGS: MIDLAND POINTE - HAMILTON COUNTY, INDIANA

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 peraguic 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).

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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 |
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Herbaceous stratum species list (5-ft radius):

| Lastern Folson WyFolson WyWhite GrassLeersia virgirWhite Panicled American-AsterSymphyotrichGreater Straw SedgeCarex normaLesser ClearweedPilea fontana | hica FACW hum lanceolatum FACW hlis FACW a 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

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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*

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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. Nonexempt "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 onethird 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:

| 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 |

Table 2. Isolated Wetland Compensatory Mitigation Ratios

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.

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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.

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Page 7 of 7; (9/27/2022)

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APPENDIX A

DATA FORMS

| Project/Site: Midland Pointe | City/Coun | ty: Noblesville | e/ Hamilton | Sampl | e Date: | 7/20/2022 |
|---|-----------------|--------------------|--------------------------|------------|----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Sampl | e Point: | T1P1 |
| Investigator(s): Eric Ellingson, SPWS | Section: T | ownship, Range: | Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (conc | cave, 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, expla | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly d | isturbed? Ar | e "Normal Circumstances" | present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | lematic? (If | needed, explain any answ | ers in Rem | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? | Yes | No | Х | lo the Sempled Area | | | | |
|----------------------------------|--------|----|---|---------------------|-----|----|---|--|
| Hydric Soil Present? | Yes | No | Х | Within a Wotland2 | Yes | No | Х | |
| Wetland Hydrology Present? | Yes | No | Х | within a wettand? | | | | |
| Remarks: Upland old home site, w | /ooded | | | | | | | |
| | | | | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute % Cover | Dominant Species? | Indicator Status | Dominance Test worksheet: | | | |
|--|---------------------|----------------------|---------------------|--|------------------------|--------------------------|-------|
| 1. Acer saccharum | 45 | X | FACU | Number of Dominant Species | | | |
| 2. Juglans nigra | 25 | X | FACU | That are OBL. FACW or FAC: | | 2 | (A) |
| 3. Tilia americana | 20 | X | FACU | Total Number of Dominant | | | - |
| 4. | - | | | Species Across All Strata: | | 7 | (B) |
| 5. | | | | Porcent of Dominant Species | | | - |
| | 90 | = Total Cover | | That are OBL, FACW, or FAC: | | 28.6% | (A/B) |
| | | | | , | | | |
| Sapling/Shrub Stratum (Plot size): 15-ft radius | | | | Prevalence Index worksheet: | | | |
| 1. Lonicera tatarica | 25 | Х | FACU | Total % Cover of: | | Multiply by: | |
| 2. Cornus racemosa | 15 | Х | FAC | OBL species | x 1 = | | _ |
| 3. | | | | FACW species | x 2 = | | _ |
| 4. | | | | FAC species | x 3 = | | _ |
| 5 | | | | FACU species | x 4 = | | _ |
| | 40 | = Total Cover | | UPL species | x 5 = | | |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | | (B) |
| 1. Parthenocissus quinquefolia | 30 | Х | FACU | Prevalence Index = B/A = | _ ` / | | _ () |
| 2. Toxicodendron radicans | 25 | Х | FAC | Hydrophytic Vegetation Indicato | rs: | | |
| 3. Circaea canadensis | 15 | | FACU | Rapid Test for Hydrophyti | c Vegetat | ion | |
| 4. Packera aurea | 10 | | FACW | Dominance Test > 50% | 0 | | |
| 5. Cryptotaenia canadensis | 10 | | FAC | Prevalence Index is ≤ 3.0 | 1 | | |
| 6. | | | | Morphological Adaptation | s ¹ (Provid | e supporting data ir | 1 |
| 7. | | | | Remarks or on a separate | sheet) | | |
| 8. | | | | Problematic Hydrophytic | Vegetatior | n ¹ (Explain) | |
| 9. | | | | | | | |
| 10 | | | | ¹ Indicators of hydric soil and wetla | nd hydrol | ogy must be prese | ent, |
| | | | | unless disturbed or problematic. | | | |
| | 90 | = Total Cover | | Hydrophytic | | | |
| Woody Vine Stratum (Plot size): 30-ft radius | | - | | Vegetation | | No | |
| | | | | Present? | | X | |
| 9 | | | | 4 | | | |
| 10 | | | | - | | | |
| | | = Total Cover | | | | | |
| | | <u>,</u> | | | | | |
| Remarks: (Include photo numbers here or on a sep | parate sheet |) | | | | | |

| rofile Descr. epth uches) | destination Destauditor | | | | | | | San | npling Point: T1P1 |
|---|--|--|--|--|--|---|-----------------------------------|---|---|
| nches) | Iption: Describ Matrix | e to the d | epth needed | to document | the indicator | or confirm th | ne absence of indica | tors.) | |
| | Color (moist) | % | Color | % | | Loc ² | Texture | | Remarks |
| .9 | 10YR 4/3 | 100 | | | | | Silt Loam | | |
| .14 | 10YR 3/2 | 100 | | | | · | Silty Clay Loam | | |
| 4-18 | 10YR 4/2 | 100 | | | | | Silty Clay Loam | | |
| 3-24 | 10YR 5/2 | 97 | 10YR 5/6 | 3 | С | M | Silty Clay Loam | | |
| <u> </u> | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | - | | |
| ype: C=Con | centration, D=De | pletion, RN | Reduced Mat | rix, CS=Covere | ed or Coated Sa | and Grains. 2 | Location: PL=Pore Lin | ing, M=Matrix | |
| dric Soil Ind | dicators: | | | | | | Indicators for Pre | blematic Hydri | c Soils³: |
| F | Histosol (A1) | | | Sar | ndy Gleyed ma | trix (S4) | Coast | Prairie Redox (| A16) |
| F | Histic Epipedon (/ | A2) | | Sar | ndy Redox (S5) |) | Dark | Surface (S7) | |
| E | Black Histic (A3) | | | Stri | pped Matrix (S | 6) | Iron-M | langanese Mas | ses (F12) |
| ŀ | Hydrogen Sulfide | (A4) | | Loa | amy Mucky Min | neral (F1) | Very | Shallow Dark Su | urface (TF12) |
| | Stratified Layers (| A5) | | Loa | my Gleyed Ma | atrix (F2) | Other | (Explain in Rem | narks) |
| 2 | 2 cm Muck (A10) | | | Dep | pleted matrix (F | F3) | | | |
| (| Depleted Below D | ark Surfac | e (A11) | Red | dox Dark Surfa | ice (F6) | ³ Indic | ators of hydroph | nytic vegetation and |
| <u> т</u> | Thick Dark Surfac | e (A12) | <u> </u> | Der | pleted Dark Su | rface (F7) | wetlar | nd hydrology mu | ust be present, |
| 5 | Sandy Mucky Min | eral (S1) | - | Red | dox Depression | ns (F8) | unless | s disturbed or pr | oblematic. |
| 5 | 5 cm Mucky Peat | or Peat (S | 3) | | | - (-) | | | |
| | , | ` | , | | | | | | |
| strictive La | yer (if observed |): | | | | | | | |
| pe: | | | | | | | | | |
| pth (in.) | | | | | | Hydric | Soil Present? | Yes | No X |
| · · · - | | | | | | - | | | |
| narks: | | | | | | | | | |
| | v | | | | | | | | |
| etland Hydro | I Norvindicators | | | | | | | | |
| imary Indicat | tors (minimum of | one is reau | ired: checked a | all that apply) | | | Sec | ondary Indicators | (minimum of two required) |
| Surfa | ace water (A1) | | | Water- | Stained Leaves | s (B9) | | Surface Soil Cra | ucks (B6) |
| | | 2 | | | Equipo (P12) | - (-) | | Drainago pattorr | |
| High | i vvater Table (A2 | .) | | Aquatic | Faulia (DIS) | | | Diamage pattern | ns (B10) |
| High Satu | i vvater Table (A2 iration (A3) | .) | | Aquatic | quatic Plants (E | B14) | | Dry-Season Wat | ns (B10) ter table (C2) |
| High Satu Wate | i Water Table (A2 iration (A3) er marks (B1) | .) | | Aquatic | quatic Plants (E en Sulfide Odd | B14) or (C1) | | Dry-Season Wat Crayfish Burrow | ns (B10) ter table (C2) s (C8) |
| High Satu Wate Sedir | i water Table (A2 iration (A3) er marks (B1) iment Deposits (B | 32) | | Aquatic True Ac Hydrog Oxidize | quatic Plants (E en Sulfide Odo d Rhizosphere | B14) or (C1) es on Living roo | ts (C3) | Dry-Season War Crayfish Burrow Saturation Visibl | ns (B10) ter table (C2) s (C8) le on Aerial Imagery (C9) |
| High Satu Wate Sedir Drift | i Water Table (A2 iration (A3) er marks (B1) iment Deposits (B Deposits (B3) | 32) | | Aquatic True Ac Hydrog Oxidize | quatic Plants (E en Sulfide Odc ed Rhizosphere ce of Reduced | B14) or (C1) es on Living roo I Iron (C4) | ts (C3) | Dry-Season War Crayfish Burrow Saturation Visibl Stunted or Stres | ns (B10) ter table (C2) s (C8) le on Aerial Imagery (C9) sed Plants (D1) |
| High Satu Wate Sediu Drift Algal | i Water Table (A2 iration (A3) er marks (B1) iment Deposits (B Deposits (B3) il Mat or Crust (B4 | 32) 4) | | Aquatic True Ad Hydrog Oxidize Presen Recent | quatic Plants (E en Sulfide Odd ed Rhizosphere ce of Reduced Iron Reductior | B14) or (C1) es on Living roo I Iron (C4) n in Tilled Soils | ts (C3) | Dry-Season Wa Crayfish Burrow Saturation Visibl Stunted or Stres Geomorphic Pos | ns (B10) ter table (C2) s (C8) le on Aerial Imagery (C9) sed Plants (D1) sition (D2) |
| High Satu Wate Sedi Drift Alga Iron | I Water Table (A2 Iration (A3) er marks (B1) iment Deposits (B Deposits (B3) I Mat or Crust (B4 Deposits (B5) | 32) 4) | | Aquatic True Ad Hydrog Oxidize Presen Recent Thin Mu | quatic Plants (E en Sulfide Odc ed Rhizosphere ce of Reduced Iron Reductior uck Surface (C | B14) or (C1) os on Living roo I Iron (C4) n in Tilled Soils 77) | ts (C3) | Dry-Season Wa Crayfish Burrow Saturation Visibl Stunted or Stres Geomorphic Pos FAC-Neutral Tes | ns (B10) ter table (C2) s (C8) le on Aerial Imagery (C9) sed Plants (D1) sition (D2) st (D5) |
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| High Satu Sati Sedi Drift Alga Iron Inun Spar Id Observa face Water ter Table Pr uration Pres Iudes capilla scribe Recon | a Water Table (A2 irration (A3) er marks (B1) iment Deposits (B3) I Mat or Crust (B4) Deposits (B5) dation Visible on rsely Vegetated C tions: Present? sent? ary fringe) rded Data (Stream | 2) Aerial Imag Concave Su Yes Yes Yes m gauge, n | gery (B7) Irface (B8) | Aquatic True A(Hydrog Oxidize Presen Recent Thin Mi Gauge Other (Depths (in C Depths (in A Depths (in | radia (B13) quatic Plants (E een Sulfide Odd ed Rhizosphere ce of Reduced Iron Reduction uck Surface (C or Well Data (I Explain in Rem | B14) br (C1) ss on Living roo l Iron (C4) n in Tilled Soils (7) D9) narks) 24 24 ctions), if availal | tts (C3) | Initiage patient Dry-Season Wai Crayfish Burrow Saturation Visibl Stunted or Stres Geomorphic Pos FAC-Neutral Tes Iogy Present? | ns (B10) ter table (C2) s (C8) le on Aerial Imagery (C9) ssed Plants (D1) sition (D2) st (D5) Yes NoX |
| High Satu Sedi Drift Alga Iron Inun Spar d Observa face Water ter Table Pr uration Pres ludes capilla cribe Recon | a Water Table (A2 irration (A3) er marks (B1) iment Deposits (B3) I Mat or Crust (B4) Deposits (B5) dation Visible on rsely Vegetated C tions: Present? resent? ary fringe) rded Data (Stream | 2) 4) Aerial Imag Concave Su Yes Yes m gauge, n | gery (B7) Irface (B8) No > No > | Aquatic True A(Hydrog Oxidize Presen Recent Thin Mi Gauge Other (C Depths (in C Depths (in aerial photos, p | quatic Plants (E een Sulfide Odd ed Rhizosphere ce of Reduced Iron Reductior uck Surface (C or Well Data (I Explain in Rem iches): iches): previous inspec | B14) B14) ss on Living roo I Iron (C4) n in Tilled Soils 7) D9) narks) 24 24 ctions), if availal | ts (C3) (C6) Wetland Hydro | Initiage patient Dry-Season Wai Crayfish Burrow Saturation Visibl Stunted or Stres Geomorphic Pos FAC-Neutral Tes Iogy Present? | hs (B10) ter table (C2) s (C8) le on Aerial Imagery (C9) ssed Plants (D1) sition (D2) st (D5) Yes NoX |
| High Satu Sedi Drift Alga Iron Inum Spar d Observa ace Water er Table Pr uration Pres udes capilla cribe Recor | a Water Table (A2 irration (A3) er marks (B1) iment Deposits (B3) I Mat or Crust (B4) Deposits (B5) dation Visible on rsely Vegetated C tions: Present? resent? sent? ary fringe) rded Data (Stream | 2) 4) Aerial Ima, Concave Su Yes Yes m gauge, n | gery (B7) Irface (B8) | Aquatic True A(Hydrog Oxidize Presen Recent Thin Mi Gauge Other (Depths (in Depths (in aerial photos, p | quatic Plants (E een Sulfide Odd ed Rhizosphere ce of Reduced Iron Reductior uck Surface (C or Well Data (I Explain in Rem iches): iches): previous inspec | B14) br (C1) ss on Living roo I Iron (C4) n in Tilled Soils 77) D9) narks) 24 24 24 ctions), if availal | ts (C3) (C6) Wetland Hydro | Indiage patient Dry-Season Wai Crayfish Burrow Saturation Visibl Stunted or Stres Geomorphic Pos FAC-Neutral Tes Iogy Present? | hs (B10) ter table (C2) s (C8) le on Aerial Imagery (C9) ssed Plants (D1) sition (D2) st (D5) Yes NoX |

| Project/Site:Midland Pointe | City/Count | y: Noblesville/ | / Hamilton | Samp | le Date: | 7/20/2022 |
|---|-------------------|---------------------|--------------------------|-------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | le Point: | T1P2 |
| Investigator(s): Eric Ellingson, SPWS | Section: To | ownship, Range: | Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (conca | ave, 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, expla | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly dis | sturbed? Are | "Normal Circumstances" | ' present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally proble | ematic? (If n | needed, explain any answ | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | Х | No No No | X X | Is the Sampled Area Within a Wetland? | Yes | No | _X |
|---|-------------------|---|----------------|--------|--|-----|----|----|
| Remarks: Upland old field | | | | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant <u>Species?</u> | Indicator <u>Status</u> | Dominance Test workshee | et: | | |
|--|----------------------------|-----------------------------|----------------------------|--|---------------------|--------------------------|--------|
| 1 | | | | Number of Dominant Species That are OBL, FACW or FAC: | | 1 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 2 | (B) |
| 5 | | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC | : | 50.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. 2. | | | | Prevalence Index workshe Total % Cover of: OBL species | x 1 = | Multiply by: | |
| 3. | | | | FACW species | x 2 = | | |
| 5. | | | | FACU species | x 3 = x 4 = | | |
| | | = Total Cover | | UPL species | x 5 = | | |
| <u>Herb Stratum</u> (Plot size): 5-ft radius 1. Solidago canadensis | 75 | X | FACU | Column Totals: Prevalence Index = B | (A) | | (B) |
| 2. Poa pratensis | 20 | Х | FAC | Hydrophytic Vegetation In | dicators: | | |
| 3. Medicago lupulina | 5 | | FACU | Rapid Test for Hyd | Irophytic Vegeta | ion | |
| 4. | | | | Dominance Test > | 50% | | |
| 6 | | | | Morphological Ada | $5 \ge 3.0^{\circ}$ | e supporting dat | a in |
| 7. | | | | Remarks or on a s | eparate sheet) | c supporting date | |
| 8. | | | | Problematic Hydro | phytic Vegetatio | n ¹ (Explain) | |
| 9 | | | | 1 Indiantara of hudrin poil one | مراجع المرجع المرجع | | |
| | | | | | otio | logy must be pro | eseni, |
| | 100 | = Total Cover | | Hydrophytic | allo. | | |
| Woody Vine Stratum (Plot size): 30-ft radius | | | | Vegetation Present? | Yes | No | х |
| 10 | | | | 4 | | | |
| | | = Total Cover | | | | | |
| Remarks: (Include photo numbers here or on a sep | parate sheet | .) | | 1 | | | |

| SOIL | | | | | | | | | Sampling Point: T1P2 |
|---------------|----------------------|-------------|-----------------------|----------------------------|------------------|------------------|-----------------|------------------------------|-----------------------------------|
| Profile Des | cription: Describe | e to the d | epth needed to d | locument t | he indicator o | or confirm th | he absence o | f indicators.) | · · |
| Depth | Matrix | | | Redox F | eatures | 1.2 | - | | |
| (inches) | LOVP 2/2 | 100 | Color | % | Туре | LOC ² | Silty Clay | | Remarks |
| 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 | <u> </u> | M | Silty Clay | / Loam | |
| | | | | | | | | | |
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| | | | | | | | | | |
| | population D_Dor | lation PM | - Doducod Motrix (| | d or Coatad Sa | nd Craina 2 | l contion: DI - | Doro Lining M-Ma | trix |
| Hydric Soil I | ndicators: | | | | J OF COALED SA | | Indicator | s for Problematic | |
| | Histosol (A1) | | | San | dy Gleyed matr | ix (S4) | | Coast Prairie Re | edox (A16) |
| | Histic Epipedon (A | (2) | | San | dy Redox (S5) | . , | | Dark Surface (S | 57) |
| | Black Histic (A3) | | | Strip | oped Matrix (S6 |) | | Iron-Manganese | e Masses (F12) |
| | Hydrogen Sulfide | (A4) AE) | | Loar | my Mucky Mine | ral (F1) | | Very Shallow Da | ark Surface (TF12) |
| | 2 cm Muck (A10) | 45) | <u> </u> | Loar | my Gleyed Mati | rix (F2) | | Other (Explain I | n Remarks) |
| X | Depleted Below D | ark Surfac | e (A11) | Dep | ox Dark Surfac | 9) e (F6) | | ³ Indicators of h | drophytic vegetation and |
| <u></u> | Thick Dark Surfac | e (A12) | | Dep | leted Dark Surf | ace (F7) | | wetland hydrolo | gy must be present, |
| | Sandy Mucky Mine | eral (S1) | | Red | ox Depressions | s (F8) | | unless disturbed | d or problematic. |
| | 5 cm Mucky Peat | or Peat (S | 3) | | | | | | |
| Destrict | | | | | | | | | |
| Restrictive L | ayer (if observed) | : | | | | | | | |
| Depth (in) | | | | | | Hydric | Soil Present? | Yes | X No |
| Dop () | | | | | | | | | <u> </u> |
| Remarks: | | | | | | | | | |
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| HYDROLO | GY | | | | | | | | |
| Wetland Hyd | drology Indicators: | | | | | | | | |
| Primary Indic | ators (minimum of o | one is requ | ired; checked all th | at apply) | | (5.0) | | Secondary Ind | icators (minimum of two required) |
| Su | Irface water (A1) | \ \ | | Water-S | Stained Leaves | (B9) | | Surface S | oil Cracks (B6) |
| | ituration (A3) |) | | Aqualic True Aq | uatic Plants (B | 14) | | Drainage | on Water table (C2) |
| Wa | ater marks (B1) | | | Hydroge | en Sulfide Odor | (C1) | | Crayfish E | Burrows (C8) |
| Se | diment Deposits (B | 2) | | Oxidized | d Rhizospheres | on Living roo | ots (C3) | Saturation | Visible on Aerial Imagery (C9) |
| Dr | ift Deposits (B3) | | | Presenc | e of Reduced I | ron (C4) | (| Stunted or | r Stressed Plants (D1) |
| Alg | gal Mat or Crust (B4 | -) | | Recent | Iron Reduction | in Tilled Soils | (C6) | Geomorph | nic Position (D2) |
| | Indation Visible on | Aerial Ima | nerv (B7) | Gauge c | or Well Data (D | <i>)</i> 9) | | FAC-Neul | Tai Test (D5) |
| Sp | arsely Vegetated C | oncave St | Irface (B8) | Other (E | Explain in Rema | arks) | | | |
| | , 0 | | | | | , | | | |
| Field Observ | vations: | | | | | | | | |
| Surface Wate | er Present? | Yes _ | | Depths (inc | ches): | 4 | | | |
| Saturation Pr | resent? | Yes _ | | Depths (inc Depths (inc | ches): >2 | 4 | Wetlan | d Hydrology Pres | ent? Yes No X |
| (includes cap | pillary fringe) | | | Doptilo (inc | <u></u> | | | anyarology rico | |
| | | | | | | | | | |
| Describe Rec | corded Data (Strean | n gauge, r | nonitoring well, aeri | al photos, pi | revious inspecti | ions), if availa | ıble: | | |
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| Remarks: | | | | | | | | | |
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| Project/Site:Midland Pointe | City/Count | y: Noblesville/ | / Hamilton | Samp | le Date: | 7/20/2022 |
|---|-------------------|---------------------|--------------------------|-------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | le Point: | T1P3 |
| Investigator(s): Eric Ellingson, SPWS | Section: To | ownship, Range: | Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (conca | ave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly dis | sturbed? Are | "Normal Circumstances | present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally proble | ematic? (If n | needed, explain any answ | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | X | No No No | <u>х</u> х | Is the Sampled Area Within a Wetland? | Yes | No | Х | |
|---|-------------------|---|----------------|---------------|--|-----|--------|---|--|
| Remarks: Upland old field | | | | | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant Species? | Indicator Status | Dominance Test worksheet: | | | |
|--|----------------------------|----------------------|----------------------------|--|---|---|-------|
| 1. 2. | | | | Number of Dominant Species That are OBL, FACW or FAC: | | 0 | (A) |
| 3. 4. | | | | Total Number of Dominant Species Across All Strata: | | 4 | (B) |
| 5 | | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 0.0% | (A/B) |
| Sapling/Shrub Stratum(Plot size): 15-ft radius1.Rhus typhina2.Rubus allegheniensis3.Pyrus calleryana4.Fraxinus pennsylvanica5. | 15 10 10 5 | X X X | UPL FACU UPL FACW | Prevalence Index worksheet: Total % Cover of: OBL species FACW species FAC species FACU species | x 1 = x 2 = x 3 = x 4 = | Multiply by: | |
| <u>Herb Stratum</u> (Plot size): 5-ft radius 1. Solidago canadensis | <u>40</u> 95 | = Total Cover X | FACU | Column Totals: Prevalence Index = B/A = | (A) | | (B) |
| Z. Toxicodendron radicans 3. | | | FAC | Hydrophytic Vegetation Indicator Rapid Test for Hydrophytic Dominance Test > 50% Prevalence Index is ≤ 3.01 Morphological Adaptations Remarks or on a separate Problematic Hydrophytic V 1Indicators of hydric soil and wetlan | rs: Vegetation (Provide sheet) 'egetation | on e supporting data in ¹ (Explain) pay must be prese | nt, |
| Woody Vine Stratum (Plot size): 30-ft radius | 100 | = Total Cover | | unless disturbed or problematic. Hydrophytic Vegetation Present? Yes | | <u>No X</u> | |
| 10 | | = Total Cover | | - | | | |
| Remarks: (Include photo numbers here or on a sep | parate sheet | t.) | | | | | |

| SOIL | | | | | | | | | Sampling Point: T1P3 |
|--|---|------------------|----------------------|-----------------------------------|------------------------------------|-------------------|----------------------------|--|--|
| Profile Des | cription: Describ | e to the c | epth needed to | document t | the indicator | or confirm th | he absence of | f indicators.) | |
| Uepth (inches) | Color (moist) | % | Color | Kedox F | | L oc ² | Text | ure | Remarks |
| 0-9 | 10YR 3/1 | 100 | 000 | | Туре | | Silty Clay | | Remarks |
| 9-16 | 10YR 4/1 | 97 | 10YR 4/6 | 3 | С | M | Silty Clay | Loam | |
| 16-24 | 10YR 5/1 | 95 | 10YR 5/6 | 5 | C | M | Silty Clay | Loam | |
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| | | | | | | | | | |
| ¹ Type: C=Cc | oncentration, D=Dep | pletion, RN | I=Reduced Matrix, | , CS=Covere | d or Coated Sa | nd Grains. 2 | ² Location: PL= | Pore Lining, M=Ma | atrix |
| Hydric Soil I | ndicators: | | | | | | Indicator | s for Problematic | Hydric Soils ³ : |
| | Histosol (A1) | | | San | idy Gleyed mat | rix (S4) | | Coast Prairie R | edox (A16) |
| | HISTIC Epipedon (A | 42) | | San | idy Redox (S5) | | <u> </u> | Dark Surface (| 57) - Maaaaa (512) |
| | Hudrogon Sulfido | (\ 4 \ | | Strip | pped Matrix (Se | D) | | Iron-Manganes | e Masses (FIZ) |
| | Stratified Lavors (| (A4) A5) | | Loa | my Mucky Mine | eral (F1) | | Other (Evolution | in Remarke) |
| | 2 cm Muck (A10) | AJ) | × | Loa | Iny Gleyed Mai | 111X (FZ) | | | in Remarks) |
| <u> </u> | 2 chi Muck (ATO) Depleted Below D | ark Surfac | <u>Λ</u> | Dep | Deleu mainx (F | 3) 20 (EG) | | ³ Indicators of h | vdrophytic vogetation and |
| | Thick Dark Surfac | | e (ATT) | | lox Dark Suriac | (FO) | | wetland hydrol | yorophytic vegetation and |
| | Sandy Mucky Min | eral(S1) | | Dep | lov Depression | ace (17) | | unless disturbe | d or problematic |
| | 5 cm Mucky Peat | or Peat (S | 3) | | IOX Depression | 5 (10) | | | d of problematic. |
| <u> </u> | o chi Mucky i cat | | 0) | | | | | | |
| Restrictive I | aver (if observed) | : | | | | | | | |
| Type: | | - | | | | | | | |
| Depth (in.) | | | | | | Hydric | Soil Present? | Yes | X No |
| , | | | | | | | | | |
| Remarks: | | | | | | • | | | |
| HYDROLO Wetland Hyd Primary Indic Su Hid | GY drology Indicators cators (minimum of urface water (A1) gh Water Table (A2 | : one is requ | uired; checked all t | that apply) Water-S Aquatic | Stained Leaves | (B9) | | Secondary Inc Surface S Drainage | licators (minimum of two required) Soil Cracks (B6) patterns (B10) |
| Sa Wa | turation (A3) ater marks (B1) | , | - | True Ac | quatic Plants (B en Sulfide Odo | 14) r (C1) | | Dry-Seas | on Water table (C2) Burrows (C8) |
| Se | diment Deposits (B | 2) | - | Oxidize | d Rhizospheres | s on Living roc | ots (C3) | Saturatio | n Visible on Aerial Imagery (C9) |
| Dr | ift Deposits (B3) | | | Presend | ce of Reduced | Iron (C4) | | Stunted of | or Stressed Plants (D1) |
| Alg | gal Mat or Crust (B4 | 4) | _ | Recent | Iron Reduction | in Tilled Soils | s (C6) | Geomorp | hic Position (D2) |
| Iro | n Deposits (B5) | | | Thin Mu | uck Surface (C7 | 7) | | FAC-Neu | tral Test (D5) |
| Inu | undation Visible on | Aerial Ima | gery (B7) | Gauge | or Well Data (D | 99) | | | |
| Sp | earsely Vegetated C | concave Si | urface (B8) | Other (I | Explain in Rema | arks) | | | |
| Field Observ | vations: | | | | | | | | |
| Surface Wate | er Present? | Yes | No X | Depths (in | ches): | | | | |
| Water Table | Present? | Yes | No X | Depths (in | ches): >2 | 24 | | | |
| Saturation Pr | esent? | Yes | No X | Depths (in | ches): >2 | 24 | Wetlan | d Hydrology Pres | ent? Yes <u>No X</u> |
| (includes cap | oillary fringe) | | | | | | | | |
| | | | | | | | | | |
| Describe Red | corded Data (Stream | n gauge, r | nonitoring well, ae | rial photos, p | revious inspect | tions), if availa | able: | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Remarks: | | | | | | | | | |
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| Project/Site: Midland Pointe | City/Count | ty: Noblesv | ille/ Hamilton | Samp | le Date: | 7/20/2022 |
|---|-----------------|------------------|------------------------------|-------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | le Point: | T1P4 |
| Investigator(s): Eric Ellingson, SPWS | Section: T | ownship, Range | e: Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (co | ncave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly d | isturbed? | Are "Normal Circumstances" | " present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | lematic? | (If needed, explain any answ | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? | Yes Yes | No No | X X | Is the Sampled Area | Yes | No | х | |
|---|------------|-------|--------|---------------------|-----|----|---|--|
| Wetland Hydrology Present? | Yes | No | Х | - Within a Wetland? | | | | |
| Remarks: Upland lawn | | | | | | | | |
| | | | | | | | | |

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant Species? | Indicator <u>Status</u> | Dominance Test worksheet: | | | |
|--|----------------------------|----------------------|----------------------------|--|-------------|--------------------------|-------|
| 1 | | | | Number of Dominant Species That are OBL, FACW or FAC: | | 1 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 3 | (B) |
| 5 | | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 33.3% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. | | | | Prevalence Index worksheet: Total % Cover of: | | Multiply by: | |
| 2. | | | | OBL species | x 1 = | | |
| 3. | | | | FACW species | x 2 = | | _ |
| 4. | | | | FAC species | x 3 = | | |
| 5 | | | | FACU species | x 4 = | | |
| | | = Total Cover | | UPL species | x 5 = | | |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | | (B) |
| 1. Poa pratensis | 35 | Х | FAC | Prevalence Index = B/A = | 、 / | | _ ` ` |
| 2. Festuca rubra | 20 | Х | FACU | Hydrophytic Vegetation Indicat | ors: | | |
| 3. Glechoma hederacea | 20 | Х | FACU | Rapid Test for Hydrophy | tic Vegetat | ion | |
| 4. Plantago lanceolata | 15 | | FACU | Dominance Test > 50% | | | |
| 5. Trifolium repens | 10 | | FACU | Prevalence Index is ≤ 3. | 01 | | |
| 6. | | | | Morphological Adaptatio | ns1 (Provid | e supporting data ir | 1 I |
| 7. | | | | Remarks or on a separa | te sheet) | | |
| 8. | | | | Problematic Hydrophytic | · Vegetatio | n ¹ (Explain) | |
| 9. | | | | | | | |
| 10 | | | | Indicators of hydric soil and wetl | and hydrol | logy must be prese | ent, |
| | | | | unless disturbed or problematic. | | | |
| | 100 | = Total Cover | | Hydrophytic | | | |
| Woody Vine Stratum (Plot size): 30-ft radius | | | | Vegetation Ye | s | No 🗸 | |
| 9 | | | | Fresent? | | | |
| 10 | | | | 4 | | | |
| | | = Total Cover | | • | | | |
| Remarks: (Include photo numbers here or on a sep | parate sheet |) | | 1 | | | |

| SOIL | | | | | | | | : | Sampling Point: T1P4 |
|--------------------------|---------------------|--------------|----------------------|----------------------------|-----------------|---------------------------|--------------|---------------------|--------------------------------|
| Profile Desc | ription: Describ | e to the de | pth needed to d | ocument the i | indicator or o | confirm the ab | osence of ir | ndicators.) | |
| Depth | Matrix | | | Redox Featu | ures | | | | . . |
| (inches) | Color (moist) | <u></u> | Color | | Турет | | l exture | e | Remarks |
| 0-9 | 10YR 4/3 | 100 | | | | | Silt Loam | | |
| 9-24 | 10YR 5/4 | | | | | | Slit Loam | | |
| | | | | | | <u> </u> | | | |
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| | | | | | · | | | | |
| ¹ Type: C=Cor | ncentration, D=De | pletion, RM= | Reduced Matrix, C | CS=Covered or | Coated Sand | Grains. ² Loca | ation: PL=Po | re Lining, M=Matrix | |
| Hydric Soil Ir | ndicators: | | | | | l | Indicators f | or Problematic Hy | dric Soils ³ : |
| | Histosol (A1) | | | Sandy C | Gleyed matrix (| (S4) | (| Coast Prairie Red | ox (A16) |
| | Histic Epipedon (/ | A2) | | Sandy F | Redox (S5) | _ | | Dark Surface (S7) | |
| | Black Histic (A3) | ()) | | Stripped | d Matrix (S6) | <u> </u> | ! | ron-Manganese N | lasses (F12) |
| | Stratified Lavers (| (A4) (A5) | | Loamy (| Cloved Matrix | (F1) (F2) | | Ather (Explain in F | 2 Suilace (TFTZ) |
| | 2 cm Muck (A10) | (10) | | Loanly C | d matrix (F3) | (12) | ` | | (entarks) |
| | Depleted Below D | ark Surface | (A11) | Bedox [| Dark Surface (| F6) | з | Indicators of hydr | ophytic vegetation and |
| | Thick Dark Surfac | ce (A12) | () | Deplete | d Dark Surface | e (F7) | Ň | vetland hydrology | must be present. |
| | Sandy Mucky Min | neral (S1) | | Redox [| Depressions (F | - (1 - 7) | ι | inless disturbed o | r problematic. |
| | 5 cm Mucky Peat | or Peat (S3 |) | _ | | , | | | • |
| | | | | | | | | | |
| Restrictive La | ayer (if observed |): | | | | | | | |
| Туре: | | | | | | | | | |
| Depth (in.) | | | | | | Hydric Soil | Present? | Yes | <u>No X</u> |
| Dementer | | | | | | | | | |
| Remarks: | | | | | | | | | |
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| HYDROLOG | GY | | | | | | | | |
| Wetland Hyd | rology Indicators | | | | | | | | |
| Primary Indica | ators (minimum of | one is requi | red; checked all the | at apply) | | 2) | | Secondary Indica | tors (minimum of two required) |
| Sur | face water (A1) |) \ | | | IED LEAVES (B | 9) | - | Surface Soll | torns (B10) |
| Nat | uration (A3) | -) | | Aqualic Fau True Aquati | c Plants (B14) | | - | Dry-Season | Water table (C2) |
| Wa | ter marks (B1) | | | Hydrogen S | ulfide Odor (C | :1) | - | Crayfish Bur | rows (C8) |
| Sec | diment Deposits (E | 32) | | Oxidized Rh | nizospheres or | h Living roots (C: | 3) | Saturation V | sible on Aerial Imagery (C9) |
| Drif | t Deposits (B3) | , | | Presence of | f Reduced Iror | n (C4) | , | Stunted or S | tressed Plants (D1) |
| Alg | al Mat or Crust (B4 | 4) | | Recent Iron | Reduction in 7 | Tilled Soils (C6) | _ | Geomorphic | Position (D2) |
| Iror | n Deposits (B5) | | | Thin Muck S | Surface (C7) | | - | FAC-Neutral | Test (D5) |
| Inu | ndation Visible on | Aerial Imag | ery (B7) | Gauge or W | /ell Data (D9) | | | | |
| Spa | arsely Vegetated C | Concave Sur | face (B8) | Other (Expl | ain in Remarks | S) | | | |
| Field Observ | ations | | | | | | | | |
| Surface Wate | r Present? | Yes | No X | Depths (inches | s): | | | | |
| Water Table F | Present? | Yes | No X | Depths (inches | s): >24 | | | | |
| Saturation Pre | esent? | Yes | No X | Depths (inches | s): >24 | | Wetland H | lydrology Present | ? Yes <u>No X</u> |
| (includes capi | llary fringe) | | | | | | | | |
| Describe Des | arded Data (Strees | | | al abota a provis | | a) if a vailables | | | |
| Describe Rec | olueu Dala (Silea | in gauge, m | Sintoning well, aena | ai priotos, previo | ous inspection | s), il avallable. | | | |
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| Remarks: | | | | | | | | | |
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| Project/Site: Midland Pointe | City/Count | ty: Noblesville | e/ Hamilton | Sampl | e Date: | 7/20/2022 |
|---|------------------|--------------------|--------------------------|------------|----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Sampl | e Point: | T2P1 |
| Investigator(s): Eric Ellingson, SPWS | Section: T | ownship, Range: | SEC 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (conc | ave, 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, expla | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly di | isturbed? Are | e "Normal Circumstances" | present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | lematic? (If | needed, explain any answ | ers in Rem | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | No No No | X X X | Is the Sampled Area Within a Wetland? | Yes | No | _X |
|---|--------------------|----------------|-------------|--|-----|----|----|
| Remarks: Upland lawn – behind re | sidential property | | | | | | |

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant Species? | Indicator <u>Status</u> | Dominance Test worksheet: | | | |
|---|----------------------------|---------------------------------------|----------------------------|---|-----------------------|--------------------------|-------|
| 1 | | | | Number of Dominant Species That are OBL, FACW or FAC: | | 1 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 2 | (B) |
| 5 | | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 50.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. 2. | | | | Prevalence Index worksheet: Total % Cover of: OBL species | x 1 = | Multiply by: | |
| 3. | | | | FACW species | x 2 = | | _ |
| 4. | | | | FAC species | x 3 = | | _ |
| 5 | | | | FACU species | x 4 = | | _ |
| | | = Total Cover | | UPL species | x 5 = | | |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | | (B) |
| 1. Poa pratensis | 60 | Х | FAC | Prevalence Index = B/A = | | | - |
| 2. Taraxacum officinale | 30 | X | FACU | Hydrophytic Vegetation Indicato | rs: | | |
| 3. Plantago lanceolata | 25 | <u></u> | FACU | Rapid Test for Hydrophytic | c Vegetati | ion | |
| 4. Setaria pumila | 15 | | FAC | Dominance Test > 50% | | | |
| 5. Schedonorus arundinaceus | 10 | | FACU | Prevalence Index is ≤ 3.0 ¹ | | | |
| 6. Glechoma hederacea | 1 | | FACU | Morphological Adaptations | ¹ (Provide | e supporting data in | |
| 7 | | | | Remarks or on a separate | sheet) | | |
| 8 | | | | Problematic Hydrophytic V | egetation/ | n ¹ (Explain) | |
| 9 10 | | | | ¹ Indicators of hydric soil and wetlar | nd hydrol | ogy must be prese | ent, |
| | | · · · · · · · · · · · · · · · · · · · | | unless disturbed or problematic. | | | |
| Woody Vine Stratum (Plot size): 30-ft radius | 141 | = Total Cover | | Hydrophytic Vegetation Present? Yes | | No _X | |
| 9 | | | | | | | |
| 10 | | = Total Cover | | - | | | |
| Remarks: (Include photo numbers here or on a sep | parate shee | t.) | | 1 | | | |

| SOIL | | | | | | | | s | ampling Point: T2P1 |
|--------------------------|---------------------|--------------|---------------------|-----------------|------------------|------------------|-----------------|----------------------------------|-------------------------------|
| Profile Desc | ription: Describ | e to the de | epth needed to c | document t | he indicator o | or confirm th | he absence of i | ndicators.) | |
| Depth | Matrix | | | Redox F | eatures | | . | | |
| (inches) | Color (moist) | - 99 | | | | | | re | Remarks |
| 0-15 | 101R 5/3 | | 101R 5/6 | · <u> </u> | <u> </u> | IVI | Silt Loam | | |
| | | | | · | | | | | |
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| | | | | · <u> </u> | | | | | |
| | | | | | | | | | |
| ¹ Type: C=Cor | centration, D=De | pletion, RM | =Reduced Matrix, | CS=Covered | d or Coated Sa | nd Grains. 2 | Location: PL=Pc | pre Lining, M=Matrix | |
| Hydric Soli ir | Histosol (A1) | | | Son | dy Clayed mat | riv (84) | Indicators | Coast Problematic Hyd | $\frac{1}{\sqrt{16}}$ |
| | Histic Epipedon (/ | 42) | | San | dy Redox (S5) | lix (34) | | Dark Surface (S7) | x (A10) |
| | Black Histic (A3) | | | Strip | ped Matrix (S6 | 5) | | Iron-Manganese Ma | asses (F12) |
| | Hydrogen Sulfide | (A4) | | Loar | ny Mucky Mine | , eral (F1) | · · · · · | Very Shallow Dark | Surface (TF12) |
| | Stratified Layers (| (A5) | | Loar | ny Gleyed Mat | rix (F2) | | Other (Explain in Re | emarks) |
| | 2 cm Muck (A10) | | | Depl | leted matrix (F3 | 3) | | | |
| | Depleted Below D | Dark Surface | e (A11) | Red | ox Dark Surfac | e (F6) | | ³ Indicators of hydro | phytic vegetation and |
| | Thick Dark Surfac | ce (A12) | | Depl | leted Dark Surf | face (F7) | | wetland hydrology r | must be present, |
| | 5 cm Mucky Post | or Post (S2 | | Red | ox Depressions | s (F8) | | unless disturbed or | problematic. |
| | 5 cm wucky Feat | UI Feat (St | ') | | | | | | |
| Restrictive La | ayer (if observed |): | | | | | | | |
| Туре: | | , | | | | | | | |
| Depth (in.) | | | | | | Hydric | Soil Present? | Yes | No X |
| | | | | | | | | | |
| Remarks: | | | | | | | | | |
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| HYDROLOG | <u>iy</u> | | | | | | | | |
| Primary Indica | tors (minimum of | one is requ | red: check all that | t annly) | | | | Secondary Indicate | ors (minimum of two required) |
| Sur | face water (A1) | | | Water-S | tained Leaves | (B9) | | Surface Soil C | Cracks (B6) |
| Hig | h Water Table (A2 | 2) | | Aquatic | Fauna (B13) | (-) | | Drainage patt | erns (B10) |
| Sat | uration (A3) | | _ | True Aq | uatic Plants (B | 14) | | Dry-Season V | Vater table (C2) |
| Wa | ter marks (B1) | | _ | Hydroge | en Sulfide Odor | r (C1) | (00) | Crayfish Burro | ows (C8) |
| Sec | t Deposits (E | 82) | <u> </u> | | a Rhizospheres | s on Living roo | ts (C3) | Saturation Vis | sible on Aerial Imagery (C9) |
| Alg | al Mat or Crust (B4 | 4) | _ | Recent l | Iron Reduction | in Tilled Soils | (C6) | Geomorphic F | Position (D2) |
| Iror | Deposits (B5) | -, | _ | Thin Mu | ck Surface (C7 | ") | () | FAC-Neutral | Test (D5) |
| Inu | ndation Visible on | Aerial Imag | ery (B7) | Gauge o | or Well Data (D | 9) | | | |
| Spa | arsely Vegetated C | Concave Su | rface (B8) | Other (E | xplain in Rema | arks) | | | |
| Field Observ | ations: | | | | | | | | |
| Surface Water | Present? | Yes | No X | Depths (inc | hes). | | | | |
| Water Table F | Present? | Yes | | Depths (inc | ches): >1 | 5 | | | |
| Saturation Pre | esent? | Yes | No X | Depths (inc | ches): >1 | 5 | Wetland | Hydrology Present? | ? Yes <u>No X</u> |
| (includes capi | llary fringe) | | | | | | | | |
| Describe Reco | orded Data (Streau | m dalide m | onitoring well aeri | ial nhotos inr | evious inspect | ions) if availa | ble: | | |
| December reco | | in gaago, n | ormoring won, don | iai priotoo, pi | | iono), ir availa | | | |
| | | | | | | | | | |
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| Remarks: | | | | | | | | | |
| rtomanto. | | | | | | | | | |
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| Project/Site: Midland Pointe | City/Count | ty: Noblesville | e/ Hamilton | Samp | e Date: | 7/20/2022 |
|---|-----------------|--------------------|----------------------------|-------------|----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | e Point: | 12P2 |
| Investigator(s): Eric Ellingson SPWS | Section: T | ownship, Range: | SEC 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (cond | cave, 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, expla | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly d | isturbed? Ar | re "Normal Circumstances" | ' present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | lematic? (If | f needed, explain any answ | vers in Rem | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | No No No | X X X | Is the Sampled Area Within a Wetland? | Yes | No | X | |
|---|-------------------|----------------|-------------|--|-----|--------|---|--|
| Remarks: Upland woodline – easte | ern edge o | f the property | | | | | | |

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant <u>Species?</u> | Indicator <u>Status</u> | Dominance Test worksheet: | | | |
|---|----------------------------|-----------------------------|----------------------------|--|-----------------|---------------------|-------|
| 1. Fraxinus americana | 10 | X | FACU | Number of Dominant Species | | | (A) |
| 2. Celtis occidentalis | 10 | X | FAC | That are OBL, FACW or FAC: | | 2 | (~) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 6 | (B) |
| 5 | 20 | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 33.3% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius | | | | Prevalence Index worksheet: | | | |
| 1. Lonicera morrowii | 80 | <u> </u> | FACU | Total % Cover of: | | Multiply by: | |
| 2. Celtis occidentalis | 5 | | FAC | OBL species | x 1 = | | |
| 3. | | | | FACW species | x 2 = | | |
| 4 | | | | FAC species | x 3 = | | |
| 5 | | | | FACU species | x 4 = | | |
| | 85 | = Total Cover | | UPL species | x 5 = | | |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | | (B) |
| 1. Poa pratensis | 25 | Х | FAC | Prevalence Index = B/A = | | | |
| 2. Lonicera morrowii | 20 | Х | FACU | Hydrophytic Vegetation Indica | itors: | | |
| 3. Geum virginianum | 20 | X | FACU | Rapid Test for Hydroph | ytic Vegetat | tion | |
| 4. Toxicodendron radicans | 5 | | FAC | Dominance Test > 50% |) | | |
| 5. | | | | Prevalence Index is ≤ 3 | .0 ¹ | | |
| 6. | | | | Morphological Adaptati | ons¹ (Provid | e supporting data i | n |
| 7. | | | | Remarks or on a separ | ate sheet) | | |
| 8. | | | | Problematic Hydrophyt | c Vegetation | n¹ (Explain) | |
| 9. | | | | | | | |
| 10 | | | | ¹ Indicators of hydric soil and we | land hydrol | logy must be pres | ent, |
| | | | | unless disturbed or problematic. | | | |
| | 70 | = Total Cover | | Hydrophytic | | | |
| Woody Vine Stratum (Plot size): 30-ft radius | | _ | | Vegetation | 06 | No | |
| | | | | Present? | | <u> </u> | (|
| 9. | | | | | | | |
| 10 | | | | | | | |
| | . <u> </u> | = Total Cover | | | | | |
| | | | | | | | |
| Remarks: (Include photo numbers here or on a se | parate shee | t.) | | | | | |

| SOIL | | | | | | | | Sa | ampling Point: T2P2 |
|--------------------------|--------------------|----------------|-----------------------|------------------------|---|--------------------------|-----------------|---------------------------------------|------------------------------|
| Profile Desc | ription: Describ | e to the de | pth needed to de | ocument the | indicator or | confirm the a | absence of in | dicators.) | |
| Depth | Matrix | | | Redox Fea | tures | | | | |
| (inches) | Color (moist) | <u>%</u> | Color | | Туре1 | Loc ² | Texture | · · · · · · · · · · · · · · · · · · · | Remarks |
| 0-15 | 10YR 5/3 | | | | · | | Slit Loam | | |
| | | | | <u> </u> | · | | | | |
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| ¹ Type: C=Cor | ncentration, D=De | pletion, RM= | Reduced Matrix, C | CS=Covered o | or Coated Sand | Grains. ² Loo | cation: PL=Pore | e Lining, M=Matrix | |
| Hydric Soil In | dicators: | | | | | | Indicators fo | or Problematic Hyd | ric Soils ³ : |
| | Histosol (A1) | | | Sandy | Gleyed matrix | (S4) | C | oast Prairie Redox | (A16) |
| | Histic Epipedon (| A2) | | Sandy | Redox (S5) | - | D | ark Surface (S7) | |
| | BIACK HISTIC (A3) | ()) | | Strippe | ed Matrix (S6) | - | Ir | on-Manganese Ma | SSES (F12) |
| | Stratified Lavers | (A4) (Δ5) | | Loamy | Cloud Matrix | (F1) (F2) | 0 | ther (Evolution in Po | marke) |
| | 2 cm Muck (A10) | (73) | | Loaniy | ed matrix (E3) | (F2) | 0 | | marks) |
| | Depleted Below [| Dark Surface | (A11) | Bedox | Dark Surface | (E6) | 31 | ndicators of hydror | hytic vegetation and |
| | Thick Dark Surfa | ce (A12) | (/) | Deplet | ed Dark Surfac | (FO) (F7) | w | etland hydrology m | nust be present. |
| | Sandy Mucky Mir | neral (S1) | | Redox | Depressions (| F8) | u | nless disturbed or r | problematic. |
| | 5 cm Mucky Peat | t or Peat (S3) | | _ | (|) | - | | |
| | | | | | | | | | |
| Restrictive La | ayer (if observed | l): | | | | | | | |
| Туре: | | | | _ | | | | | |
| Depth (in.) | | | | | | Hydric Soi | I Present? | Yes | <u>No X</u> |
| | | | | | | | | | |
| Remarks: | | | | | | | | | |
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| HYDROLOG | θY | | | | | | | | |
| Wetland Hyd | rology Indicators | 5: | | | | | | | |
| Primary Indica | ators (minimum of | one is requir | ed; check all that a | apply) | | | | Secondary Indicato | rs (minimum of two required) |
| Sur | face water (A1) | | | Water-Stai | ined Leaves (B | 9) | _ | Surface Soil C | acks (B6) |
| Hig | h Water Table (A | 2) | | _ Aquatic Fa | auna (B13) | 、 、 | _ | Drainage patte | rns (B10) |
| Sat | uration (A3) | | | Irue Aqua | tic Plants (B14 |) | _ | Dry-Season W | ater table (C2) |
| Vva | ler marks (BT) | 22) | | Hydrogen Ovidized E | Sullide Odor (C |) n Living roots ((| <u> </u> | Crayiish Burro | ws (Co) |
| 0et | t Deposits (B3) | 52) | | Presence | of Reduced Iro | n (C4) | | Stunted or Stre | essed Plants (D1) |
| | al Mat or Crust (B | 4) | | Recent Iro | n Reduction in | Tilled Soils (C6 | | Geomorphic P | nsition (D2) |
| Iror | Deposits (B5) | ., | | Thin Muck | Surface (C7) | | | FAC-Neutral T | est (D5) |
| Inu | ndation Visible on | Aerial Image | ery (B7) | Gauge or \ | Well Data (D9) | | | | () |
| Spa | arsely Vegetated | Concave Sur | face (B8) | Other (Exp | plain in Remark | s) | | | |
| | | | | _ | | | - | | |
| Field Observ | ations: | | | | | | | | |
| Surface Water | r Present? | Yes | <u>No X</u> | Depths (inche | es): | | | | |
| Saturation Pre | sont? | Ves | | Depths (inche | (5) | | Wetland H | vdrology Present? | Ves No X |
| (includes capi | llarv fringe) | 163 | | Deptilo (inche | <u></u> | | Wetland II | yurology i resent i | |
| (| | | | | | | | | |
| Describe Reco | orded Data (Strea | m gauge, mo | onitoring well, aeria | al photos, prev | ious inspection | ns), if available: | | | |
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| Remarks: | | | | | | | | | |
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| Project/Site:Midland Pointe | City/Count | y: Noblesville | e/ Hamilton | Sampl | e Date: | 7/20/2022 |
|---|-------------------|--------------------|--------------------------|-------------|----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Sampl | e Point: | T2P3 |
| Investigator(s): Eric Ellingson, SPWS | Section: To | ownship, Range: | Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Depression | | Local relief (conc | ave, 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, expl | ain in Rema | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly dis | sturbed? Are | e "Normal Circumstances' | ' present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally proble | ematic? (If | needed, explain any answ | vers in Rem | arks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | X X X | No No No | Is the Sampled Area Within a Wetland? | Yes | _X | No | |
|---|-------------------|-------------|----------------|--|-----|----|----|--|
| Remarks: Section IIA – Emergent | wetlands | s in cons | tructed storm | nveyance | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant Species? | Indicator <u>Status</u> | Dominance Test worksheet: | | | |
|--|----------------------------|----------------------|----------------------------|--|---|--|-------|
| 1 | | | | Number of Dominant Species That are OBL, FACW or FAC: | | 2 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 3 | (B) |
| 5 | | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 66.7% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. | | = Total Cover | | Prevalence Index worksheet: Total % Cover of: OBL species | x 1 = x 2 = x 3 = x 4 = x 5 = | Multiply by: | |
| Herb Stratum (Plot size): 5-ft radius | | | 540 | Column Totals: | (A) | | (B) |
| Juncus tenuis Scirous atrovirens | <u>55</u> 25 | <u>×</u> | OBL | Prevalence Index = B/A = | rs: | | |
| 3. Cirsium arvense 4. 5. 6. | 20 | X | FACU | Rapid Test for Hydrophyti X Dominance Test > 50% Prevalence Index is ≤ 3.0° Morphological Adaptation: Remarks or on a separate Problematic Hydrophytic N | c Vegetat s ¹ (Provid sheet) /egetation | ion e supporting data in ¹ (Explain) | |
| 9 | | | | ¹ Indicators of hydric soil and wetlar unless disturbed or problematic. | nd hydrol | ogy must be prese | nt, |
| Woody Vine Stratum (Plot size): 30-ft radius | 100 | _ = Total Cover | | Hydrophytic Vegetation Present? Yes | X | No | |
| 10 | | = Total Cover | | | | | |
| Remarks: (Include photo numbers here or on a set | parate sheet | t.) | | | | | |

| SOIL | | | | | | | | Sampling Point: T2P3 |
|---------------|-----------------------|-------------|-----------------------|---------------|-------------------|------------------|---|--|
| Profile Des | cription: Describe | e to the de | epth needed to d | ocument t | he indicator o | or confirm th | ne absence of indicators | s.) |
| Depth | Matrix | | | Redox F | eatures | | | |
| (inches) | Color (moist) | % | Color | % | Type ¹ | Loc ² | Texture | Remarks |
| 0-6 | 10YR 4/1 | 97 | 10YR 4/6 | 3 | С | M | Silty Clay Loam | |
| 6-24 | 10YR 5/1 | 95 | 10YR 5/6 | 5 | С | М | Silty Clay Loam | |
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| | | | | | | | | |
| | properties D-Der | letion RM | -Reduced Matrix (| CS-Covered | d or Coated Sar | nd Grains 2 | Location: PL -Pore Lining | M-Matrix |
| | Indicators: | | | | u or coaleu Sar | | Indicators for Broble | |
| Hyune Son | Histosol (A1) | | | Com | du Claurad maatri | iv (C 4) | | pirio Rodov (A16) |
| | Histosof (AT) | 2) | | | dy Gleyeu Math | ix (34) | Coast Fie | |
| | Ristic Epipedon (A | ~ Z) | | San | ay Redox (S5) | ` | Dark Suit | |
| | | () | | Strip | ped Matrix (S6 |) | Iron-Ivian | ganese Masses (F12) |
| | Hydrogen Sulfide | (A4) | | Loar | my Mucky Mine | ral (F1) | Very Sha | llow Dark Surface (TF12) |
| | Stratified Layers (| A5) | | Loar | my Gleyed Matr | ix (F2) | Other (E) | (plain in Remarks) |
| | 2 cm Muck (A10) | | X | Dep | leted matrix (F3 | 3) | | |
| | Depleted Below D | ark Surface | e (A11) | Red | ox Dark Surface | e (F6) | ³ Indicator | rs of hydrophytic vegetation and |
| | Thick Dark Surfac | e (A12) | | Dep | leted Dark Surfa | ace (F7) | wetland h | hydrology must be present, |
| | Sandy Mucky Mine | eral (S1) | | Red | ox Depressions | (F8) | unless di | sturbed or problematic. |
| | 5 cm Mucky Peat | or Peat (S3 | 3) | | | . , | | |
| | , | x | | | | | | |
| Restrictive L | _aver (if observed) | : | | | | | | |
| Type: | , , , | | | | | | | |
| Depth (in) | | | | | | Hydric | Soil Present? | Yes X No |
| Doput (iii.) | | | | | | ingano | | |
| Pomarka: | | | | | | | | |
| Remarks. | | | | | | | | |
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| Wotland Hw | drology Indicators | | | | | | | |
| Drimony India | atoro (minimum of | ono io rogu | irad: abaakad all th | ot opphy) | | | Second | any Indiantora (minimum of two required) |
| | ators (minimum or (| one is requ | ired, checked all th | at apply) | Noined Leover | | 360010 | ary indicators (minimum or two required) |
| | Inace water (AT) | 、 、 | | vvaler-S | Earree (D40) | (B9) | Su | |
| HI | gh water Table (A2 |) | | Aquatic | Fauna (B13) | | Dra | ainage patterns (B10) |
| Sa | aturation (A3) | | | I rue Aq | uatic Plants (B1 | (4) | Dry | /-Season Water table (C2) |
| W | ater marks (B1) | | | Hydroge | en Sulfide Odor | (C1) | Cra | aytish Burrows (C8) |
| Se | ediment Deposits (B | 2) | | Oxidized | d Rhizospheres | on Living roo | its (C3) <u>X</u> Sa | turation Visible on Aerial Imagery (C9) |
| Dr | ift Deposits (B3) | | | Presenc | ce of Reduced I | ron (C4) | Stu | inted or Stressed Plants (D1) |
| Alg | gal Mat or Crust (B4 | l) | | Recent | Iron Reduction | in Tilled Soils | (C6) <u>X</u> Ge | omorphic Position (D2) |
| Iro | on Deposits (B5) | | | Thin Mu | ick Surface (C7) |) | FA | C-Neutral Test (D5) |
| Inu | undation Visible on A | Aerial Imag | ery (B7) | Gauge of | or Well Data (D9 | 9) | | |
| Sp | arsely Vegetated C | oncave Su | rface (B8) | Other (E | Explain in Rema | rks) | | |
| | | | | | | | | |
| Field Observ | vations: | | | | | | | |
| Surface Wate | er Present? | Yes | No X | Depths (inc | ches): | | | |
| Water Table | Present? | Yes | No X | Depths (inc | ches): >24 | 4 | | |
| Saturation Pr | resent? | Yes | No X | Depths (inc | ches): >24 | 4 | Wetland Hydrolog | v Present? Yes X No |
| (includes car | oillary fringe) | | | -1 - 1 | | | , | |
| l ` | , ,, | | | | | | | |
| Describe Red | corded Data (Strear | n gauge, m | onitoring well, aeria | al photos, pr | revious inspecti | ons), if availa | ble: | |
| | , | 0 0 / | 0, | | | | | |
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| Remarks: | | | | | | | | |
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| Project/Site:Midland Pointe | City/Count | y: Noblesville/ | / Hamilton | Samp | le Date: | 7/20/2022 |
|---|------------------|---------------------|--------------------------|-------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | le Point: | T2P4 |
| Investigator(s): Eric Ellingson, SPWS | Section: To | ownship, Range: | Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Swale | | Local relief (conca | ave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly di | sturbed? Are | "Normal Circumstances | present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally probl | ematic? (If r | needed, explain any answ | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | X X | No No No | X | Is the Sampled Area Within a Wetland? | Yes | No | Х | |
|---|-------------------|-----------|----------------|---|--|-----|--------|---|--|
| Remarks: Upland swale along stor | mwater | conveyand | e | | | | | | |

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant <u>Species?</u> | Indicator Status | Dominance Test worksheet: | | | |
|--|----------------------------|-----------------------------|---------------------|---|---------------------------------------|--------------------------|--------|
| 1 | | | | Number of Dominant Species That are OBL, FACW or FAC: | | 0 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 3 | (B) |
| 5 | | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 0.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. | | | | Prevalence Index worksheet Total % Cover of: OBL species FACW species FAC species FACU species | : x 1 = x 2 = x 3 = x 4 = | Multiply by: | |
| Herb Stratum (Plot size): 5-ft radius | | = Total Cover | | UPL species | x 5 = | | (B) |
| 1. Cirsium arvense | 45 | Х | FACU | Prevalence Index = B/A | = | | (=) |
| 2. Solidago canadensis | 35 | Х | FACU | Hydrophytic Vegetation Indi | cators: | | |
| 3. Schedonorus arundinaceus | 20 | <u> </u> | FACU | Rapid Test for Hydro | phytic Vegeta | tion | |
| 4. | | | | Dominance Test > 50 | 1% | | |
| 5. | | | | Prevalence Index is s | 3.0 ¹ | | |
| 0. 7 | | · | | Morphological Adapta | ations (Provid | te supporting data | a in |
| 8 | | | | Problematic Hydroph | vtic Vegetatio | n ¹ (Explain) | |
| 9. | | | | | y le regetale | (<u>Expidini</u>) | |
| 10 | | | | ¹ Indicators of hydric soil and w | etland hydro | logy must be pr | esent, |
| | | | | unless disturbed or problemati | C. | | |
| <u>Woody Vine Stratum</u> (Plot size): 30-ft radius 9. | 100 | _ = Total Cover | | Hydrophytic Vegetation Present? | Yes | No | x |
| 10 | | = Total Cover | | | | | |
| Remarks: (Include photo numbers here or on a sep | parate sheet | t.) | | | | | |

| SOIL | | | | | | | | Sa | mpling Point: T2P4 |
|-------------------------|-------------------------------------|--------------|-----------------------|--------------|---------------------|------------------|------------------|------------------------|-----------------------------|
| Profile Des | cription: Describe | e to the de | epth needed to d | locument t | he indicator o | or confirm the | e absence of ir | ndicators.) | · |
| Depth | Matrix | | | Redox F | eatures | | | | |
| (inches) | Color (moist) | % | Color | % | Type ¹ | Loc ² | Texture | e | Remarks |
| 0-6 | 10YR 4/1 | 97 | 10YR 4/6 | 3 | C | M | Silty Clay Lo | oam | |
| 6-24 | 10YR 5/1 | 95 | 10YR 5/6 | 5 | C | M | Silty Clay Lo | oam | |
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| | | | | ~ ~ | | | | | |
| ¹ Type: C=Co | oncentration, D=Dep | letion, RM | =Reduced Matrix, (| CS=Covere | d or Coated Sar | nd Grains. 2 L | Location: PL=Por | re Lining, M=Matrix | ia Caila3 |
| Hydric Soli | Historol (A1) | | | 0 | du Olavia d'ar atri | | indicators fo | or Problematic Hydr | |
| | Histosof (AT) Histic Eninodon (A | 2) | | San | dy Gleyed matri | x (54) | | Joast Plaine Redux | (A16) |
| | Black Histic (A2) | ~) | | San | uy Redux (SS) | | L | ron Mongonooo Mo | 2222 (E 12) |
| | Hydrogen Sulfide (| (ΔΛ) | | | my Musky Minor | | | /on/ Shallow Dark S | SSES(FIZ) |
| | Stratified Lavers (| (/-+) Δ5) | | | my Cloved Matr | ix (E2) | | Ather (Evolain in Rei | marke) |
| | 2 cm Muck (A10) | (0) | Y | Loa | lotod matrix (E2 | IX (I Z) | ` | | marks) |
| | Depleted Below D: | ark Surface | - (Δ11) | Dep | lov Dork Surfoce | (F6) | 3 | Indicators of hydron | bytic vegetation and |
| | Thick Dark Surface | | | | loted Dark Surface | = (10) | v | vetland hydrology m | ust be present |
| | Sandy Mucky Mine | eral (S1) | | Dep Rod | | (E8) | v I | inless disturbed or r | voblematic |
| | 5 cm Mucky Peat | or Post (S? | a) | | lox Depressions | (10) | L L | | oblematic. |
| | J CITI MUCKY I Edit | |) | | | | | | |
| Restrictive | aver (if observed) | • | | | | | | | |
| Type [.] | Layer (il observeu) | • | | | | | | | |
| Depth (in) | | | | | | Hydric S | oil Present? | Vec X | No |
| Deptil (III.) | | | | | | riyune a | John resenti | | |
| Remarks [.] | | | | | | | | | |
| rionanoi | | | | | | | | | |
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| HYDROLO | GY | | | | | | | | |
| Wetland Hy | drology Indicators: | | | | | | | 0 1 1 1 1 | |
| Primary Indic | cators (minimum of c | one is requ | ired; checked all th | at apply) | | 5.0 | | Secondary Indicator | s (minimum of two required) |
| St | urface water (A1) | | | Water-S | Stained Leaves (| (B9) | - | Surface Soil Cr | acks (B6) |
| Hi | gh Water Table (A2) |) | | Aquatic | Fauna (B13) | 4 | - | Drainage patter | rns (B10) |
| Sa | aturation (A3) | | | I rue Aq | Juatic Plants (Bi | 4) (C1) | - | Dry-Season Wa | ater table (C2) |
| VV | ater marks (B1) | 2) | | Hydroge | en Sulfide Odor | (C1) | - | Crayfish Burrov | VS (C8) |
| 56 | ediment Deposits (B. | 2) | | | a Knizospheres | on Living roots | s (C3) | X Saturation Visit | Die on Aeriai Imagery (C9) |
| | III Deposits (B3) | ` | | Presenc | real Reduced II | ON (C4) | - | Stunted of Stre | ssed Plants (D1) |
| Ali | yai Mai Or Crusi (B4 | .) | | Recent | Inon Reduction I | n Tillea Solis (| | <u>A</u> Geomorphic PC | DSILION (DZ) |
| IIC | undetion Visible on V | Aorial Imag | | | or Wall Data (D) | | - | | est (D3) |
| | arachy Vegeteted C | | rfooo (P9) | Gauge (| Ji Well Dala (De | n (co) | | | |
| O ₁ | baisely vegetated of | Uncave Su | | | | 165) | | | |
| Field Obser | vations: | | | | | | | | |
| Surface Wat | er Present? | Yes | No X | Depths (ind | ches): | | | | |
| Water Table | Present? | Yes | | Depths (inc | ches): >24 | 1 | | | |
| Saturation P | resent? | Yes | | Depths (in | ches): >24 | 1 | Wetland H | lvdrology Present? | Yes X No |
| (includes car | pillary fringe) | | | Dopulo (iii | <u></u> | · | | ., | <u> </u> |
| (| ······) ······g-) | | | | | | | | |
| Describe Re | corded Data (Strean | n gauge, m | onitoring well, aeria | al photos, p | revious inspecti | ons), if availab | le: | | |
| | · · | 0 0 | U . | | · | | | | |
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| Remarks: | | | | | | | | | |
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| Project/Site:Midland Pointe | City/Count | ty: Noblesville | e/ Hamilton | Sampl | e Date: | 7/20/2022 |
|---|------------------|--------------------|---------------------------|-------------|----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Sampl | e Point: | T2P5 |
| Investigator(s): Eric Ellingson, SPWS | Section: T | ownship, Range: | Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Depression | | Local relief (cond | cave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly di | sturbed? Ar | re "Normal Circumstances' | present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally probl | lematic? (If | needed, explain any ansv | vers in Rem | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | X X X | No No No | Is the Sampled Area Within a Wetland? | Yes | X | No _ | |
|---|-------------------|-------------|--------------------|--|-----|---|------|--|
| Remarks: Section IIB – Emergent | wetland | along a | constructed stormv | conveyance | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant <u>Species?</u> | Indicator <u>Status</u> | Dominance Test | worksheet: | | | |
|---|----------------------------|---------------------------------------|----------------------------|--|---------------------------------|-------------------------|--------------------------|-------|
| 1 | | · | | Number of Dominar That are OBL, FAC | nt Species W or FAC: | | 1 | (A) |
| 3 | | | | Total Number of Do Species Across All | ominant Strata: | | 2 | (B) |
| 5 | | = Total Cover | | Percent of Dominar That are OBL, FAC | nt Species W, or FAC: | | 50.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius | | | | Prevalence Index Total % C | worksheet: Cover of: | | Multiply by: | |
| 2. | | · · · | | OBL species | 15 | x 1 = | 15 | |
| 3. | | · · · · · · · · · · · · · · · · · · · | | FACW species | 0 | x 2 = | 0 | _ |
| 4. | | · | | FAC species | 65 | x 3 = | 195 | |
| 5. | | · <u> </u> | | FACU species | 20 | x 4 = | 80 | |
| | | = Total Cover | | UPL species | 0 | x 5 = | 0 | |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | 100 | (A) | 290 | (B) |
| 1. Juncus tenuis | 65 | Х | FAC | Prevalence | Index = B/A = | | 2.9 | |
| 2. Schedonorus arundinaceus | 20 | Х | FACU | Hydrophytic Veg | etation Indicato | rs: | | |
| 3. Scirpus atrovirens | 15 | | OBL | Rapid To | est for Hydrophyti | c Vegetat | ion | |
| 4. | | | | Dominar | nce Test > 50% | | | |
| 5. | | | | X Prevaler | nce Index is ≤ 3.0 [°] | 1 | | |
| 6. | | | | Morphol | ogical Adaptation | s ¹ (Provide | e supporting data i | n |
| 7. | | | | Remark | s or on a separate | e sheet) | | |
| 8. | | | | Problem | natic Hydrophytic V | Vegetatior | n ¹ (Explain) | |
| 9. | | | | | | | | |
| 10 | | | | ¹ Indicators of hydr | ric soil and wetla | nd hydrol | ogy must be pres | ent, |
| | | | | unless disturbed o | or problematic. | | | |
| <u>Woody Vine Stratum</u> (Plot size): 30-ft radius 9. | 100 | _ = Total Cover | | Hydrophytic Vegetation Present? | Yes | X | No | |
| 10 | | | | 1 | | | | |
| | | = Total Cover | | | | | | |
| Remarks: (Include photo numbers here or on a ser | harate sheet | +) | | <u> </u> | | | | |
| | | , | | | | | | |

| SOIL | | | | | | | | | Sampling Point: T2P5 |
|------------------------|------------------------------------|---------------|---------------------|-----------------|------------------|-----------------------------|---------------|------------------------------|------------------------------------|
| Profile Des | cription: Describ | be to the d | epth needed to | document t | he indicator o | or confirm th | ne absence o | of indicators.) | |
| Depth (inches) | Matrix | 0/ | Color | Redox F | eatures | 1.2.22 | Там | 4.000 | Demerke |
| (inches) | 10VR 4/3 | 100 | Color | - 70 | Туре | LOC- | Silt Loan | | Remarks |
| 6-11 | 10YR 4/1 | 97 | 10YR 4/6 | 3 | C | M | Silty Clar | vloam | |
| 11-24 | 10YR 5/1 | 95 | 10YR 5/6 | 5 | C | M | Silty Cla | v Loam | |
| | | | | | | | | | |
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| | | | | | | | | | |
| ¹ Type: C=C | oncentration, D=De | epletion, RM | I=Reduced Matrix | , CS=Covered | d or Coated Sa | nd Grains. 2 | Location: PL= | Pore Lining, M=Ma | atrix |
| Hydric Soll | Historol (A1) | | | Con | du Claurad mater | iv (CA) | Indicator | Coost Problematic | Hydric Solls ³ : |
| | Histosol (AT) Histic Eninedon (| (42) | | San | dy Gleyed matr | IX (54) | | Dark Surface (| |
| | Black Histic (A3) | (112) | | Strin | oped Matrix (S6 |) | | Iron-Manganes | e Masses (F12) |
| | Hydrogen Sulfide | e (A4) | | Loai | mv Muckv Mine | , ral (F1) | | Verv Shallow D | Park Surface (TF12) |
| | Stratified Layers | (A5) | | Loai | my Gleyed Mati | rix (F2) | | Other (Explain | in Remarks) |
| | 2 cm Muck (A10) |) | X | Dep | leted matrix (F3 | 3) | | | |
| | Depleted Below I | Dark Surfac | e (A11) | Red | ox Dark Surfac | e (F6) | | ³ Indicators of h | ydrophytic vegetation and |
| | Thick Dark Surfa | ce (A12) | | Dep | leted Dark Surf | ace (F7) | | wetland hydrol | ogy must be present, |
| | Sandy Mucky Mi | neral (S1) | | Red | ox Depressions | s (F8) | | unless disturbe | d or problematic. |
| | 5 cm Mucky Pea | t or Peat (S | 3) | | | | | | |
| Destriction | l avor (if shaar | 4). | | | | | | | |
| Type: | Layer (II ODSERVEC | | | | | | | | |
| Denth (in) | - | | | | | Hydric | Soil Present? | Yes | X No |
| Deptil (III.) | | | | | | inyane | oon resent. | 105 | |
| Remarks: | | | | | | | | | |
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| HYDROLO | OGY | | | | | | | | |
| Wetland Hy | drology Indicator | s: | | | | | | | |
| Primary Indi | cators (minimum of | f one is requ | ired; checked all t | that apply) | | | | Secondary Inc | licators (minimum of two required) |
| Si | urface water (A1) | | _ | Water-S | Stained Leaves | (B9) | | Surface S | Soil Cracks (B6) |
| Hi | igh Water Table (A | 2) | _ | Aquatic | Fauna (B13) | | | Drainage | patterns (B10) |
| Sa | aturation (A3) | | _ | True Aq | uatic Plants (B | 14) | | Dry-Seas | on Water table (C2) |
| W | /ater marks (B1) | | _ | Hydroge | en Sulfide Odor | (C1) | 4- (OO) | Crayfish | Burrows (C8) |
| 50 | ediment Deposits (| B2) | _ | | d Rhizospheres | on Living roo | ots (C3) | X Saturatio | n Visible on Aerial Imagery (C9) |
| D | ritt Deposits (B3) | 24) | _ | Presenc | re of Reduced I | ron (C4) in Tilled Seile | (06) | Stunted o | bis Desition (D2) |
| AI | igal Mat of Crust (E | 54) | _ | Recent | Iron Reduction | | (C6) | | tral Tast (D5) |
| In | undation Visible or | Aprial Ima | | | or Well Data (D | <i>)</i> a) | | FAC-Net | illai Tesi (D5) |
| | narsely Venetated | Concave Si | urface (B8) | Other (F | | urks) | | | |
| 0 | parsely vegetated | | | | | into) | | | |
| Field Obser | vations: | | | | | | | | |
| Surface Wat | ter Present? | Yes | No X | Depths (inc | ches): | | | | |
| Water Table | Present? | Yes | No X | Depths (ind | ches): >2 | 4 | | | |
| Saturation P | resent? | Yes | No X | Depths (ind | ches): >2 | 4 | Wetlan | d Hydrology Pres | ent? Yes <u>X</u> No |
| (includes ca | pillary fringe) | | | | | | | | |
| | | | | | | | | | |
| Describe Re | corded Data (Strea | am gauge, r | nonitoring well, ae | rial photos, pi | revious inspecti | ons), if availa | ble: | | |
| | | | | | | | | | |
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| Remarks: | | | | | | | | | |
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| Project/Site: Midland Pointe | City/County | : Noblesville/ | Hamilton | Sampl | le Date: | 7/20/2022 |
|---|-------------------|---------------------|-------------------------|-------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Sampl | le Point: | T2P6 |
| Investigator(s): Eric Ellingson, SPWS | Section: To | wnship, Range: | Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Swale | 1 | Local relief (conca | ive, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly dis | turbed? Are | "Normal Circumstances" | present? | Yes | X No |
| Are Vegetation, Soil, or Hydrology | naturally proble | ematic? (If n | eeded, explain any ansv | vers in Rem | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | X | No No No | X X | Is the Sampled Area Within a Wetland? | Yes | No | Х | |
|---|-------------------|-----------|----------------|--------|--|-----|--------|---|--|
| Remarks: Upland swale along stor | mwater | conveyand | e | | | | | | |

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant Species? | Indicator <u>Status</u> | Dominance Test wor | rksheet: | | |
|---|----------------------------|----------------------|----------------------------|--|--------------------------------------|------------------------|-------|
| 1 | | | | Number of Dominant Sp That are OBL, FACW or | pecies r FAC: | 2 | (A) |
| 3 | | | | Total Number of Domina Species Across All Strat | ant ita: | 5 | (B) |
| 5. | | = Total Cover | | Percent of Dominant Sp That are OBL, FACW, o | becies or FAC: | 40.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. Fraxinus pennsvlvanica | 15 | х | FACW | Prevalence Index wo Total % Cover | orksheet: r of: | Multiply by: | |
| 2. Rubus allegheniensis | 15 | X | FACU | OBL species | x 1 = | | |
| 3. | | | | FACW species | x 2 = | | _ |
| 4. | | | | FAC species | x 3 = | | |
| 5 | | | | FACU species | x 4 = | | _ |
| | 30 | = Total Cover | | UPL species | x 5 = | | |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | | (B) |
| 1. Juncus tenuis | 40 | Х | FAC | Prevalence Inde | ex = B/A = | | _ ` ' |
| 2. Cirsium arvense | 30 | Х | FACU | Hydrophytic Vegetat | tion Indicators: | | |
| 3. Schedonorus arundinaceus | 20 | Х | FACU | Rapid Test for | or Hydrophytic Vegetati | on | |
| 4. Apycynum cannabinum | 10 | | FAC | Dominance 7 | Test > 50% | | |
| 5 | | <u></u> | | Prevalence I | Index is ≤ 3.0¹ | | |
| 6. | | | | Morphologica | al Adaptations ¹ (Provide | supporting data in | 1 |
| 7. | | . <u> </u> | - | Remarks or | on a separate sheet) | | |
| 8. | | · | | Problematic | Hydrophytic Vegetation | ¹ (Explain) | |
| 9 | | · | | the discourse of boundaries and | - 1 | | |
| 10 | | <u></u> | | Indicators of hydric so | oil and wetland hydroid | bgy must be prese | ent, |
| | 400 | T / 1 O | | unless disturbed or pro | oblematic. | | |
| | 100 | = Total Cover | | Hydrophytic | | | |
| <u>vvoody vine Stratum</u> (Piot size): 30-it radius | | | | Procent? | Yes | No _x | |
| 9 | | | | Fiesenti | | X | |
| 10 | | | | | | | |
| | | = Total Cover | | | | | |
| | | | | | | | |
| Remarks: (Include photo numbers here or on a sep | parate sheet | t.) | | • | | | |

| Profile Description: Description: Description: Description: Description: Description: Description: Description: Remarks Description: Description: Description: Description: Remarks Description: Description: Description: Description: Remarks Description: Description: Description: Description: Remarks Type: Concentration: Description: Description: Description: Remarks Type: Concentration: Description: Description: Description: Remarks Type: Concentration: Description: Description: Remarks: Totalization for Potential Solities Type: Concentration: Description: Sandy Cleved matrix (5) Description: Descripti | SOIL | | | | | | | | | Sampling Point: T2P6 | |
|---|---|--|--------------------------------------|---------------------------------|---|---|---|----------------------------|--|---|--|
| Use in the second sec | Profile Descr | iption: Describe | e to the d | epth needed to | document t | he indicator | or confirm t | he absence o | of indicators.) | | |
| data 1002 1002 1002 Statemanning 1008 data 10078 | (inches) | Color (moist) | 0/_ | Color | Redox F | Type1 | 1 oc^2 | Tev | ture | Pemarks | |
| 611 10YR 420 70 10YR 566 5 C M Sill Learn 114.24 10YR 51 71 10YR 566 5 C M Sill Learn 17-ppe C-Concentration, D-D-piption, RM-Reduced Mains, CS-Covered or Cased Sind Granes. 2 Lonators PL-Pare Lining, M-Matrix 17-ppe C-Concentration, D-D-piption, RM-Reduced Mains, CS-Covered or Cased Sind Granes. 2 Lonators PL-Pare Lining, M-Matrix 17-ppe C-Concentration, D-D-piption, RM-Reduced Mains, CS-Covered or Cased Sind Granes. 2 Lonators PL-Pare Lining, M-Matrix 114.24.24 10YR 546 10 10 114.25 100 Sandy Reduce (S0) 10 10 114.25 100 100 100 100 100 100 114.25 100 <td< td=""><td>0-6</td><td>10YR 4/3</td><td>100</td><td>000</td><td>/0</td><td>Туре</td><td></td><td>Silt Loan</td><td>n</td><td>Remains</td></td<> | 0-6 | 10YR 4/3 | 100 | 000 | /0 | Туре | | Silt Loan | n | Remains | |
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| 14:22 10YR 5/1 11YR 5/6 5 C M Sity Clay Learn "Type: C-Concentrative, D-Deptetor, RM-Reduced Marky, CS-Covend or Cased Sand Grains, * Lowitics PL-Pore Lining, M-Marky Indicators for Problemate Hydrid Solie); "Hydrid Soli Addition of the solie | 11-14 | 10YR 4/3 | 100 | | | | | Silt Loan | n | | |
| Type: C-Concentration. D-Deptation. RM-Reduced Matrix, CS-Covered or Coaled Sand Grains. *Location. PL-Proc Links, M-Matrix Type: C-Concentration. D-Deptation RM-Reduced Matrix, CS-Covered or Coaled Sand Grains. *Location. PL-Proc Links, M-Matrix Middators for Modelmails (M) Sondy Reduce (S) Coale Trains Reduced (A16) Block Hattic (A3) Stordy Reduce (S) Unry Managenee Matrix (S) Unry Managenee Matrix (S) Coale Matrix (S) Coale Matrix (S) Unry Managenee Matrix (S) Unry Managenee Matrix (S) Coale Matrix (S) Coale Matrix (S) Unry Managenee Matrix (S) Unry Managenee Matrix (S) Coale Matrix (S) Coale Matrix (S) Unry Managenee Matrix (S) Unry Managenee Matrix (S) Coale Matrix (S) Depleted Dark Surface (F7) Wetland hydrology must be present, unress disturbed or problemalic. Priprip Sond Matrix (S) Depleted Dark Surface (S) No X Priprip Matrix Sold Present? Yes No X Priprip Matrix Sold Reduced Trains (S) Surface Sold Cracks (S0) Depleted Dark Surface (S1) Surface Sold Cracks (S0) Matrix Matrix (S) Coale Matrix (SS) Presentor (S1) Surface Sold Cracks (S0) Surface Sold Cracks (S0) Matrix Ma | 14-24 | 10YR 5/1 | 95 | 10YR 5/6 | 5 | С | М | Silty Cla | y Loam | | |
| "type:-C-Concentration. Dr.Dopoletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains | | | | | | | | | | | |
| Type: Co-Concentration: Do-Depletion. RNA-Reduced Marks, CS-Co-verted or Costed Sand Grain. * Location: PL-Prez Linitg, Markstri indicators for Production Science (Sr) indicators indicators <td <td="" not="" not<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td> | <td></td> | | | | | | | | | | |
| Type E-Concentration, D-Departer, NAL-Keduced Matrix (Se-Concentration, PL-Pear Linng, LANS, Section, PL-Pear Linng, LANS, Se | | | | | | | | | | | |
| myoric Suria Sandy Gloped matrix (SP) Image: Coast Periad served (SP) minimized is Explander (A2) Sandy Gloped matrix (SP) Image: Coast Periad served (SP) minimized is Explander (A2) Sandy Gloped matrix (SP) Image: Coast Periad served (SP) minimized is Coast Periad served (SP) Despleted Bioky Dark Surface (A11) Despleted Bioky Dark Surface (A12) Despleted Bioky Dark Surface (A12) Despleted Bioky Dark Surface (A12) Despleted Bioky Dark Surface (A12) Sondy Mucky Menar (S1) Redox Dark Surface (A12) Periad hydrology motion and well and hydrology motion and well and hydrology motion and well and hydrology motion. Restrictle Layer (If observed): Type: No X Dopid (A12) Redox Dark Surface (A12) No X MYBCOLOSY Media Dydrology indicators: (minimum of non is required, checked all that appy). Image: Surface Coast Periad Surface (S1) Displeted Bioky motions (S10) Displeted | ¹ Type: C=Con | centration, D=Dep | eletion, RM | =Reduced Matrix | , CS=Covere | d or Coated Sa | and Grains. | ² Location: PL= | Pore Lining, M=Mat | rix Ludria Saila3: | |
| Histic Epipoton (A2) Bardy Redux (S3) Dark Surface (S7) Dark Surface (S7) Hydrogen Sulfde (A4) Loamy Mucky Meneral (F1) Uvery Shallew Dark Surface (F12) Very Shallew Dark Surface (F12) Depleted Betwo Dark Surface (A11) Redux Dark Surface (F12) Proteine C12) Proteine C12) Start Mucky Meneral (S1) Redux Expressions (F8) Proteine C12) Proteine C12) Restrictive Layer (If observed): Depleted Dark Surface (F12) No X Type: Start Mucky Meneral (S1) Redux Depressions (F8) Proteine C12) Proteine C12) Proteine Layer (If observed): Depleted Dark Surface (F12) No X Type: Depleted Termin (S1) Startace Soft Present? Yes No X Protein Layer (If observed): Depleted Dark Surface (F12) Surface Soft Cracks (F8) No X Metand Hydrology Indicators: Protein C22 No X Surface Soft Cracks (F8) | | Histosol (A1) | | | Son | dy Clayed mat | riv (84) | Indicator | Coast Propenatic P | dox (A16) | |
| Black Histic (Na) Bitroped Matrix (S0) Inon-Managenese Masses (F12) Very Shallow Dark Surface (An) Depleted matrix (F2) Other (Explain in Remarks) Period Dark Surface (An1) Depleted matrix (F2) Other (Explain in Remarks) Period Dark Surface (An1) Depleted Below Dark Surface (An1) Depleted Dark Surface (F6) Pindicators of hydrophylic vegletation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (If observed): | | Histic Epipedon (A | (2) | | San | dy Redox (S5) | IIX (34) | | Dark Surface (S | 7) | |
| Hydrogen Suffac (A) Laaimy Macky Mineral (F1) Very Shiftair Darks Darka (F12) Depleted Task (F12) Depleted Task (F12) Presson (F12) Depleted Below Dark Sufface (A12) Redox Dark Sufface (F6) Presson (F6) Sind Mucky Mear (F11) Depleted Dark Sufface (F7) Indicators of hydrophytic vegetation and wetand hydrology must be present, unless disturbed or problematic. Restrictive Layer (If observed): Type Indicators of hydrology indicators (F8) Indicators of hydrology indicators (F8) Remarks: Hydrology Indicators (F8) Hydric Soil Present? Yes | | Black Histic (A3) | | | Strip | oped Matrix (Se | 6) | | Iron-Manganese | Masses (F12) | |
| Strattie Layers (A5) Laamy Gleyed Matrix (F2) Other (Explain in Remarks) Particular Control (Carbon Dark Surface (A1) Depleted Below Dark Surface (A1) Product Partix (F2) Depleted Below Dark Surface (A1) Depleted Dark Surface (F3) Product Partix (F2) Som Muck (A10) Redox Depressions (F8) Product Partix (F1) Retrictive Layer (If Observed): Product Partix (F2) No X Prime Muck Part of Part (S3) Product Partix (F1) Product Partix (F1) Remarks: Hydric Soil Present? Yes No X Prime Muck Part of Partix (F1) Water-Stand Lawes (F8) Surface Soil Cracks (F8) Surface Soil Cracks (F8) Hydrik Collegy Indicators: Primary Indicators (minimum of nor is required: checked all that apply) Secondary Indicators (minimum of Nor required) Surface water (A1) Water Stand Lawes (F8) Surface Soil Cracks (F8) Durinage partial Cracks (F8) High Water Table (A2) Hydrik Coll Part (F2) Secondary Indicators (minimum of nor required) Secondary Indicators (F8) Surface water (A1) Water Stand (C1) Cracks (F8) Durine Fault (F1) Secondary Indicators (F1) Surface water Table (Part Table (A2) Hydrano Table (F | I | Hydrogen Sulfide | (A4) | | Loa | my Mucky Mine | eral (F1) | | Very Shallow Da | rk Surface (TF12) | |
| 2 cm Muck (M10) Depleted mark (F3) Bepleted Below Dark Surface (A12) Bepleted Dark Surface (F7) Sam Mucky Mereir (S1) Bepleted Dark Surface (F7) Restrictive Layer (If observed): "merein dark Surface (F7) Thick Dark Surface (S13) Hydric Soil Present? Yes No X merein dark Surface (F7) Pepleted Dark Surface (F7) No Restrictive Layer (If observed): "merein dark Surface (F7) Property Indicators: No Purpleted Dark Surface (F7) No Remarks: Hydric Soil Present? Yes MUCK (Mark Dark Surface (F7) No X Property Indicators: No X Property Indicators: No X Property Indicators: No X Method Hydrology Indicators: Secondary Indicators (F6) Dynama Indicators (F6) Statution (K3) Presence (F7) Secondary Indicators (F7) Statution (K3) Presence (F6) Dynama Indicators (F7) Statution (K3) Presence (F6) Dynama Indicators (F7) Statution (K3) Presence of Reducord Ion (K14) Dynama Indica | | Stratified Layers (A | 45) | | Loa | my Gleyed Mat | trix (F2) | | Other (Explain in | Remarks) | |
| Depleted Below Dark Surface (R1) Depleted Dark Surface (R2) ^{an} Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Sandy Mucky Mineral (S1) Redox Depressions (R8) ^{an} Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Hydro Experimental experimentexperimental experimental experimental experim | 2 | 2 cm Muck (A10) | | | Dep | leted matrix (F | 3) | | | | |
| | [| Depleted Below D | ark Surfac | e (A11) | Red | lox Dark Surfac | ce (F6) | | ³ Indicators of hy | drophytic vegetation and | |
| | | Thick Dark Surfac | e (A12) | | Dep | leted Dark Sur | face (F7) | | wetland hydrolog | gy must be present, | |
| | | Sandy Mucky Mine | eral (S1) | | Red | lox Depression | s (F8) | | unless disturbed | or problematic. | |
| Restrictive Layer (if observed): Type: No X Type: | { | 5 cm Mucky Peat | or Peat (Sa | 3) | | | | | | | |
| Hydric Soil Present? Yes No X Remarks: Hydric Soil Present? Yes No X HYDROLOGY Wetland Hydrology Indicators: Surface Soil Cracks (B6) Surface Soil Cracks (B6) Dranage patterns (B10) Surface water (A1) Aquatic Flania (B13) Dranage patterns (B10) Dranage patter | Restrictive L - | vor (if observed) | • | | | | 1 | | | | |
| Boph (in.) Hydric Soil Present? Yes No X Remarks: HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; checked all that apply) Secondary Indicators (minimum of two required) High Valer Table (A2) Aquatic Faura (B13) Surface Soil Cracks (B6) Surface Soil Cracks (B1) Hydrodgen Sulfde Odor (C1) Dranage patterns (B10) Secondary Indicators (Risi) Hydrodgen Sulfde Odor (C1) Crayfski Burrows (C8) Mage Mator Crust (B4) Recent Inon Reduction In Tilled Sols (C6) X Saturation Visible on Aprial Imagery (C9) Sulface Wister Present? Yes No X Sulface Wister Present? Yes No X Sulface Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: Yes No Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: | Type: | yer (ir observed) | • | | | | | | | | |
| Processing | Depth (in) | | | | | | Hydric | Soil Present? | Yes | No X | |
| 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) Aquito Fauna (B13) Drainage patterns (B10) Saturation (A3) True Aquito Fauna (B13) Drainage patterns (B10) Sectiment Deposits (B2) Oxidized Rhizospheres on Living roots (C3) X. Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Sunife of Stressed Plants (B1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) X. Geomorphic Position (D2) If hundbation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) Starsely Vegetated Concave Surface (B2) Veter Table Present? Yes No X. Depths (inches): 224 Water Table Present? Yes No X. Depths (inches): 324 Water Table Present? Yes No X. Depths (inches): 324 Water Table Present? Yes No X. Depths (inches): 324 Water Table Present? Yes No | Doput (iii.) | | | | | | injunio | | 100 | | |
| Water marks (E1) Hydrogen sullide Odor (C1) Craiten Burrows (C8) Prit Deposits (B3) Presence of Reduced tron (C4) X Saturation Visible on Aerial Imagery (C9) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Solits (C6) X Saturation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) K Saturation Visible on Aerial Imagery (B7) Surface Water Present? Yes No X Depths (inches): Deptresent? Yes No X Depths (inches): >24 Wetland Hydrology Present? Yes No X No Methods Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: Remarks: | Wetland Hydr Primary Indicat Surf: High Satu | ology Indicators: tors (minimum of c ace water (A1) Water Table (A2) water (A3) | one is requ | ired; checked all t | that apply) Water-S Aquatic True Aq | Stained Leaves Fauna (B13) juatic Plants (B | (B9) 114) | | Secondary India Surface So Drainage p Dry-Seaso | cators (minimum of two required) iil Cracks (B6) vatterns (B10) n Water table (C2) | |
| Field Observations: Surface Water Present? Yes No X Depths (inches): >24 Water Table Present? Yes No X Depths (inches): >24 Wetland Hydrology Present? Yes X No | Wati Sedi Drift Alga Iron Inun Spar | er marks (B1) iment Deposits (B Deposits (B3) I Mat or Crust (B4 Deposits (B5) dation Visible on / rsely Vegetated C | 2) ·) Aerial Imag oncave Su | gery (B7) rface (B8) | Hydroge Oxidize Presend Recent Thin Mu Gauge Other (E | en Sulfide Odo d Rhizospheres ce of Reduced Iron Reduction ick Surface (CT or Well Data (C Explain in Rem | r (C1) s on Living roo Iron (C4) in Tilled Soils 7) 09) arks) | ots (C3) ; (C6) | X Saturation Stunted or X Geomorph FAC-Neutr | urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5) | |
| Surface Water Present? Yes No X Depths (inches): >24 Water Table Present? Yes No X Depths (inches): >24 Gincludes capillary fringe) Wetland Hydrology Present? Yes X No Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: | Field Observa | tions: | | | | | | | | | |
| Water 1 able Present? Yes No X Depths (inches): >24 Saturation Present? Yes No X Depths (inches): >24 (includes capillary fringe) Wetland Hydrology Present? Yes X No Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: | Surface Water | Present? | Yes _ | <u>No X</u> | _ Depths (in | ches): | | | | | |
| Saulation Present? res No (includes capillary fringe) Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: | Water Table Pi | resent? | Yes | <u>No X</u> | _ Depths (in | ches): <u>>2</u> | 24 | Wotlon | | nt? Vac V No | |
| Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: | (includes capill | arv fringe) | 165 | | | cries). <u>></u> 2 | 24 | wetian | ia nyarology riese | | |
| Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: | (| 5 5 7 | | | | | | | | | |
| Remarks: | Describe Reco | rded Data (Strean | n gauge, m | nonitoring well, ae | erial photos, p | revious inspect | tions), if availa | able: | | | |
| Remarks: | | | | | | | | | | | |
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| Project/Site: Midland Pointe | City/Coun | ty: Nobles | ville/ Hamilton | Samp | le Date: | 7/20/2022 |
|---|-----------------|-----------------|------------------------------|-------------|-----------|-----------|
| Applicant/Owner: Secure Holdings. LLC | | | State: IN | Samp | le Point: | T2P7 |
| Investigator(s): Eric Ellingson, SPWS | Section: T | ownship, Rang | je: Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (c | oncave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly d | isturbed? | Are "Normal Circumstances" | " present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | lematic? | (If needed, explain any answ | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | No No No | X X X | Is the Sampled Area Within a Wetland? | Yes _ | No | _X |
|---|-------------------|----------------|-------------|--|-------|--------|----|
| Remarks: Upland shrub/scrub | | | | | | | |

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant Species? | Indicator Status | Dominance Test worksheet: | | | |
|--|----------------------------|---------------------------------------|---------------------|--|-------------|--------------------------|-------|
| Celtis occidentalis Z. | 15 | Χ | FAC | Number of Dominant Species That are OBL, FACW or FAC: | | 2 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 4 | (B) |
| 5. | 15 | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 50.0% | (A/B) |
| | | | | | | | |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. Lonicera tatarica | 80 | Х | FACU | Prevalence Index worksheet: Total % Cover of: | | Multiply by: | |
| 2. Rosa multiflora | 15 | · · · · · · · · · · · · · · · · · · · | FACU | OBL species | x 1 = | .,,,, | |
| 3. Pyrus calleryana | 10 | | UPL | FACW species | x 2 = | | _ |
| 4. | | | | FAC species | x 3 = | | |
| 5. | | | | FACU species | x 4 = | | |
| | 105 | - Total Cover | | UPL species | x 5 = | | |
| Herb Stratum (Plot size): 5-ft radius | 100 | | | Column Totals: | (A) | | (B) |
| 1. Parthenocissus guinguefolia | 15 | х | FACU | Prevalence Index = $B/A =$ | | | |
| 2. Toxicodendron radicans | 10 | X | FAC | Hydrophytic Vegetation Indicat | ors: | | |
| 3. | | | | Rapid Test for Hydrophy | tic Vegetat | ion | |
| 4. | | | | Dominance Test > 50% | | | |
| 5. | | | | Prevalence Index is ≤ 3.0 |)1 | | |
| 6. | - | | - | Morphological Adaptatio | ns¹ (Provid | e supporting data in | |
| 7. | | | | Remarks or on a separat | te sheet) | 5 | |
| 8. | - | | - | Problematic Hydrophytic | Vegetation | n ¹ (Explain) | |
| 9. | - | | - | | | | |
| 10 | | | | ¹ Indicators of hydric soil and wetla | and hydrol | ogy must be prese | ent, |
| | | | | unless disturbed or problematic. | | | |
| | 25 | = Total Cover | | Hydrophytic | | | |
| Woody Vine Stratum (Plot size): 30-ft radius | - | - | | Vegetation | - | No | |
| | | | | Present? | | <u> </u> | |
| 9. | | | | | | | |
| 10 | | | | | | | |
| | | = Total Cover | | | | | |
| | | | | | | | |
| Remarks: (Include photo numbers here or on a sep | parate sheet | t.) | | | | | |

| SOIL | | | | | | | | Sa | mpling Point: T2P7 |
|-------------------------|---------------------|--------------|------------------------|-----------------|------------------|-----------------------------|--------------|-----------------------|------------------------------|
| Profile Desc | cription: Describ | e to the de | epth needed to do | ocument the | indicator or | confirm the ab | osence of ir | ndicators.) | |
| Depth | Matrix | | | Redox Feat | tures | | | | 5 |
| (inches) | Color (moist) | 100 | Color | <u>%</u> | Турет | LOC ² | l exture | e | Remarks |
| 0-6 | 10YR 4/3 | 100 | | | · | | Silt Loam | | |
| 11-24 | 10YR 4/4 | 100 | | | | | Silt Loam | | |
| 11-24 | 101K 3/4 | | | | | | Shit Luan | | |
| | | | | | · | | | | |
| | | | | | | | | | |
| | | | | | · | | | | |
| ¹ Type: C=Co | ncentration, D=De | pletion, RM | =Reduced Matrix, C | S=Covered o | r Coated Sand | Grains. ² Loca | ation: PL=Po | re Lining, M=Matrix | |
| Hydric Soil I | ndicators: | | | | | | Indicators f | or Problematic Hydi | ric Soils ³ : |
| | Histosol (A1) | | | Sandy | Gleyed matrix | (S4) | (| Coast Prairie Redox | (A16) |
| | Histic Epipedon (/ | A2) | | _ Sandy | Redox (S5) | _ | L | Dark Surface (S7) | |
| | BIACK HISTIC (A3) | () | | _ Strippe | d Matrix (S6) | <u> </u> | I | ron-Manganese Ma | sses (F12) |
| <u> </u> | Stratified Lavers (| (A4) (A5) | | _ Loamy | Mucky Mineral | (F1) | | Arthur (Explain in Po | marke) |
| | 2 cm Muck (A10) | (43) | | LOamy | ed matrix (F3) | (F2) | ` | | marks) |
| | Depleted Below D | Dark Surface | e (A11) | _ Deplet | Dark Surface (| F6) | з | Indicators of hydror | hytic vegetation and |
| | Thick Dark Surfac | ce (A12) | | Deplete | ed Dark Surface | e (F7) | Ň | vetland hydrology m | just be present. |
| | Sandy Mucky Min | neral (S1) | | Redox | Depressions (F | | ı | inless disturbed or r | problematic. |
| | 5 cm Mucky Peat | or Peat (S3 | 3) | _ | (. | -) | | | |
| | | | | | | | | | |
| Restrictive L | ayer (if observed |): | | | | | | | |
| Туре: | | | | _ | | | | | |
| Depth (in.) | | | | _ | | Hydric Soil | Present? | Yes | No <u>X</u> |
| | | | | | | | | | |
| Remarks: | | | | | | | | | |
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| | | | | | | | | | |
| HYDROLO | GY | | | | | | | | |
| Wetland Hyd | drology Indicators | : | | | | | | | |
| Primary Indic | ators (minimum of | one is requi | ired; checked all tha | at apply) | | | | Secondary Indicator | rs (minimum of two required) |
| Su | rface water (A1) | | | Water-Stai | ned Leaves (B | 9) | | Surface Soil Ci | acks (B6) |
| Hig | gh Water Table (A2 | 2) | | _ Aquatic Fa | una (B13) | | - | Drainage patte | rns (B10) |
| Sa | turation (A3) | | | True Aqua | tic Plants (B14) | | - | Dry-Season W | ater table (C2) |
| Wa | ater marks (B1) | | | _ Hydrogen | Sulfide Odor (C | :1) | - | Crayfish Burro | ws (C8) |
| Se | diment Deposits (E | 32) | | _ Oxidized R | hizospheres or | Living roots (C | .3) | Saturation Visi | ble on Aerial Imagery (C9) |
| Dri | ift Deposits (B3) | 4) | | Presence of | of Reduced Iror | 1 (C4) Tilled Seile (C6) | | Stunted or Stre | essed Plants (D1) |
| | al Mat or Crust (B4 | 4) | | _ Recent Irol | N REDUCTION IN | Tilled Solis (C6) | ' <u>-</u> | Geomorphic Po | ost (D5) |
| IIU | Indation Visible on | Aerial Imag | erv (B7) | Gauge or \ | Nell Data (D9) | | - | | est (D3) |
| Sp | arsely Vegetated C | Concave Su | rface (B8) | Other (Exp | lain in Remark | s) | | | |
| Op | | | | | | 5) | | | |
| Field Observ | vations: | | | | | | | | |
| Surface Wate | er Present? | Yes | No X | Depths (inche | es): | | | | |
| Water Table | Present? | Yes | No X | Depths (inche | es): >24 | | | | |
| Saturation Pr | esent? | Yes | <u>No X</u> | Depths (inche | es): >24 | | Wetland H | lydrology Present? | Yes <u>No X</u> |
| (includes cap | illary fringe) | | | | | | | | |
| | | | | | ,. | | | | |
| Describe Rec | corded Data (Stream | m gauge, m | ionitoring well, aeria | il photos, prev | ious inspection | s), if available: | | | |
| | | | | | | | | | |
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| Remarks: | | | | | | | | | |
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| Project/Site: Midland Pointe | City/Coun | ty: Nobles | ville/ Hamilton | Samp | le Date: | 7/20/2022 |
|---|-----------------|------------------|------------------------------|-------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | le Point: | T2P8 |
| Investigator(s): Eric Ellingson, SPWS | Section: T | ownship, Rang | e: Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (co | oncave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly d | isturbed? | Are "Normal Circumstances" | " present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | lematic? | (If needed, explain any answ | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | X | No No No | X X | Is the Sampled Area Within a Wetland? | Yes | No | Х | |
|---|-------------------|---|----------------|--------|--|-----|--------|---|--|
| Remarks: Upland old field | | | | | | | | | |

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant Species? | Indicator Status | Dominance Test worksheet: | | | |
|--|----------------------------|----------------------|---------------------|--|-------------------------|------------------|---------|
| 1 | | | | Number of Dominant Species That are OBL, FACW or FAC: | | 0 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 2 | (B) |
| 5 | . <u> </u> | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 0.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. | | | | Prevalence Index worksheet: Total % Cover of: OBL species FACW species FAC species | x 1 = x 2 = x 3 = | Multiply by: | |
| 5. | | | | FACU species | x 4 = | | |
| | | = Total Cover | | | | | (D) |
| Herb Stratum (Plot size): 5-ft radius | 60 | x | FACU | Column Totals: | (A) | | (B) |
| 2. Plantago lanceolata | 25 | <u> </u> | FACU | Hydrophytic Vegetation Indicat | ors: | | |
| 3. Cirsium arvense | 15 | · | FACU | Rapid Test for Hydrophy | tic Vegetat | tion | |
| 4. | | · | | Dominance Test > 50% | Ū | | |
| 5. | | | | Prevalence Index is ≤ 3. | D 1 | | |
| 6. | | | | Morphological Adaptatio | ns¹ (Provid | e supporting dat | a in |
| 7. | | | | Remarks or on a separa | te sheet) | | |
| 8. | | | | Problematic Hydrophytic | Vegetatio | n¹ (Explain) | |
| 9 | | | | | | | |
| 10 | | | | ¹ Indicators of hydric soil and wetla | and hydro | logy must be pr | resent, |
| | | | | unless disturbed or problematic. | | | |
| <u>Woody Vine Stratum</u> (Plot size): 30-ft radius 9. | 100 | _ = Total Cover | | Hydrophytic Vegetation Ye Present? | s | No | X |
| 10 | | | |] | | | |
| | | = Total Cover | | | | | |
| Remarks: (Include photo numbers here or on a sep | parate sheet | t.) | | 1 | | | |

| SOIL | | | | | | | | | Sampling F | Point: T2P8 |
|-------------------------------------|-------------------------|--------------|---|----------------------------|------------------|------------------------|-----------------|----------------------------|------------------------------|----------------------|
| Profile Desc | cription: Describ | e to the d | epth needed to | document t | he indicator | or confirm th | he absence o | f indicators.) | | |
| Depth (inchos) | Matrix Color (moist) | 0/. | Color | Redox F | Typo1 | 1.002 | Тох | turo | | Pomarka |
| 0-8 | 10YR 3/2 | 100 | 000 | /0 | Туре | LUC | Silty Clay | / Loam | F | Nelliaiks |
| 8-14 | 10YR 4/1 | 97 | 10YR 4/6 | 3 | С | М | Silty Cla | / Loam | | |
| 14-24 | 10YR 5/1 | 95 | `0YR 5/6 | 5 | С | М | Silty Clay | / Loam | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| ¹ Type ⁻ C=Co | ncentration D=Der | pletion RM | =Reduced Matrix | CS=Covere | d or Coated Sa | nd Grains ² | l ocation: PI = | Pore Lining M=N | Matrix | |
| Hydric Soil I | ndicators: | , | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | Indicator | s for Problemat | ic Hydric Soils ³ | : |
| | Histosol (A1) | | | San | dy Gleyed mati | rix (S4) | | Coast Prairie | Redox (A16) | |
| | Histic Epipedon (/ | 42) | | San | dy Redox (S5) | | | Dark Surface | (S7) | -) |
| | Black Histic (A3) | () | | Strip | oped Matrix (Se | 5) 1 (EA) | | Iron-Mangane | ese Masses (F1) | 2) |
| — — | Stratified Lavers (| (A4) (A5) | | Loai | my Mucky Mine | riv (E2) | | Other (Explai | Dark Surface (1 | 1 F 12) |
| | 2 cm Muck (A10) | (10) | X | Loai Dep | leted matrix (F: | 3) | | | in in ittemarks) | |
| X | Depleted Below D | ark Surfac | e (A11) | Red | lox Dark Surfac | e (F6) | | ³ Indicators of | hydrophytic veg | getation and |
| | Thick Dark Surfac | ce (A12) | | Dep | leted Dark Surf | ace (F7) | | wetland hydro | ology must be p | resent, |
| | Sandy Mucky Min | eral (S1) | | Red | lox Depressions | s (F8) | | unless disturb | ped or problema | tic. |
| | 5 cm Mucky Peat | or Peat (S | 3) | | | | | | | |
| Restrictive | aver (if observed |). | | | | | | | | |
| Type: | ayer (il observed) | <i>)</i> . | | | | | | | | |
| Depth (in.) | | | | | | Hydric | Soil Present? | Yes | X | No |
| | - | | | | | | | | | |
| Remarks: | | | | | | | | | | |
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| HYDROLO | GY | | | | | | | | | |
| Wetland Hyd | Irology Indicators | | فتعطر ملممادمط مالغ | hat apply) | | | | Casandan (| ndiaatara (minimu | une of two required) |
| Primary Indic | rface water (A1) | one is requ | lired; checked all t | Mater-S | Stained Leaves | (B9) | | Secondary I | Soil Cracks (B6) | um of two required) |
| Hic | h Water Table (A2 | 2) | — | Aquatic | Fauna (B13) | (83) | | Drainac | e patterns (B10) |) |
| Sa | turation (A3) | -) | _ | True Aq | uatic Plants (B | 14) | | Dry-Se | ason Water table | (C2) |
| Wa | ater marks (B1) | | _ | Hydroge | en Sulfide Odor | (C1) | | Crayfis | h Burrows (C8) | |
| Se | diment Deposits (E | 32) | _ | Oxidize | d Rhizospheres | s on Living roo | ots (C3) | Saturat | ion Visible on Ae | rial Imagery (C9) |
| | nt Deposits (B3) | 4) | _ | Presence | ron Reduced I | iron (C4) | (C6) | Stunted | or Stressed Plai | nts (D1) |
| Alg | n Deposits (B5) | +) | — | Recent Thin Mu | ick Surface (C7 | | (C0) | FAC-Ne | eutral Test (D5) | 2) |
| Inu | Indation Visible on | Aerial Imag | gery (B7) | Gauge | or Well Data (D | , 9) | | | | |
| Sp | arsely Vegetated C | Concave Su | irface (B8) | Other (E | Explain in Rema | arks) | | | | |
| 5.110 | | | | | | | T | | | |
| Field Observ | ations: | Voc | No Y | Dopths (in | choc): | | | | | |
| Water Table | Present? | Yes | | Depths (ind Depths (ind | ches): >2 | 4 | | | | |
| Saturation Pr | esent? | Yes | No X | Depths (ind | ches): >2 | 4 | Wetlan | d Hydrology Pro | esent? Yes | No X |
| (includes cap | illary fringe) | | | | · | | | | | |
| Describe Des | and a Data (Otra a | | | | | | h la c | | | |
| Describe Rec | orded Data (Stream | m gauge, n | iomioring well, ael | nai photos, p | revious inspect | ions), ii avalla | ible: | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Pomorko: | | | | | | | | | | |
| Remarks. | | | | | | | | | | |
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| Project/Site: Midland Pc | inte | City/Coun | ty: Noblesville/ Hamilton | | Sample Date: | | 7/20/2022 |
|------------------------------|--|-----------------|---------------------------|-----------------------------|--------------|----------|-----------|
| Applicant/Owner: Secu | e Holdings, LLC | | | State: IN | Sampl | e Point: | T3P1 |
| Investigator(s): Eric E | Ilingson SPWS | Section: T | ownship, Range | E: SEC 3, T18N, R4E | | | |
| Landform (hillslope, terrace | , etc.): Plain | | Local relief (cor | ncave, 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 cond | litions on the site typical for this time of year? | Yes X | No | (If no, expla | ain in Rem | arks.) | |
| Are Vegetation | , Soil, or Hydrology | significantly d | isturbed? A | Are "Normal Circumstances" | ' present? | Yes | X No |
| Are Vegetation | , Soil , or Hydrology | naturally prob | lematic? (| If needed, explain any answ | vers in Rem | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? | Yes | Х | No | | lo the Sempled Area | | | |
|----------------------------------|----------|------------|----------|---|---------------------|-----|----|---|
| Hydric Soil Present? | Yes | | No | Х | Within a Wotland2 | Yes | No | Х |
| Wetland Hydrology Present? | Yes | | No | Х | within a wettand? | | | |
| Remarks: Mesic woods - heavily s | haded, r | o herbaceo | us layer | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant <u>Species?</u> | Indicator <u>Status</u> | Dominance Test worksheet: | | | |
|---|----------------------------|-----------------------------|----------------------------|---|---|---|-------|
| Acer saccharinum 2. | 40 | <u> </u> | FACW | Number of Dominant Species That are OBL, FACW or FAC: | | 3 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 4 | (B) |
| 5 | 40 | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 75.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. Cornus racemosa 2. Lonicera morrowii | 20 10 | X X | FAC FACU | Prevalence Index worksheet: Total % Cover of: OBL species | _ x 1 = | Multiply by: | |
| 3. Fraxinus pennsylvanica 4 | 5 | | FACW | FACW species FAC species FACU species | x 2 = x 3 = x 4 = | | - |
| Herb Stratum (Plot size): 5-ft radius | 35 | = Total Cover | | UPL species Column Totals: | x 5 = (A) | | (B) |
| Fraxinus pennsylvanica 2. 3. 4. 5. 6. 7. 8. | | x | FACW | Prevalence Index = B/A = Hydrophytic Vegetation Indicator Rapid Test for Hydrophytic X Dominance Test > 50% Prevalence Index is ≤ 3.01 Morphological Adaptations Remarks or on a separate Problematic Hydrophytic V | r s: vegetat ¹ (Provide sheet) 'egetatior | ion e supporting data in n¹ (Explain) | |
| 9. 10 | | | | ¹ Indicators of hydric soil and wetlan unless disturbed or problematic. | id hydrol | ogy must be prese | ent, |
| Woody Vine Stratum (Plot size): 30-ft radius | 10 | = Total Cover | | Hydrophytic Vegetation Yes Present? | x | No | |
| 10 | | = Total Cover | | - | | | |
| Remarks: (Include photo numbers here or on a sep | parate shee | t.) | | | | | |

| OIL Profile Desc | ription: Describe | to the dep | oth needed to o | document th | e indicator o | r confirm th | ne absence of indicato | Sampling Point: T3P1 rs.) |
|--|---|---|------------------------|--|--|--|---|---|
| epth nches) -15 | Matrix Color (moist) 10YR 4/2- 10YR 4/3 | <u>%</u> 100 | Color | Redox Fe | atures Type ¹ | | Texture Silt Loam | Remarks |
| | | | | | | | | |
| ype: C=Coi dric Soil Ir | ncentration, D=Dep ndicators: Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide (Strattified Layers (<i>I</i> 2 cm Muck (A10) Depleted Below Da | Letion, RM=f 2) A4) \5) ark Surface | Reduced Matrix, | CS=Covered Sandy Sandy Stripp Loam Deple Redo: | or Coated San y Gleyed matri y Redox (S5) bed Matrix (S6) y Mucky Miner y Gleyed Matri ted matrix (F3) x Dark Surface | <u>d Grains.²</u> x (S4) al (F1) x (F2)) e (F6) | Location: PL=Pore Lining Indicators for Prob Coast P Dark Su Iron-Mai Very Sh Other (E ³ Indicato | g, M=Matrix lematic Hydric Soils ³ : rairie Redox (A16) Irface (S7) nganese Masses (F12) allow Dark Surface (TF12) Explain in Remarks) prs of hydrophytic vegetation and |
| | Thick Dark Surface Sandy Mucky Mine 5 cm Mucky Peat of | e (A12) eral (S1) or Peat (S3) | | Deple Redo | eted Dark Surfa x Depressions | ice (F7) (F8) | wetland unless d | hydrology must be present, disturbed or problematic. |
| estrictive La pe: pth (in.) | ayer (if observed) | | | | | Hydric | Soil Present? | Yes <u> </u> |
| Hand Hyd mary Indica Sur Higg Sat Wa See Driti Ino Iror Inu Spa | rology Indicators: ators (minimum of c frace water (A1) h Water Table (A2) turation (A3) ter marks (B1) diment Deposits (B3) al Mat or Crust (B4 n Deposits (B5) ndation Visible on A arsely Vegetated Co | <u>ne is require</u> 2)) Aerial Image oncave Surfa | ed; check all that | t apply) Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent In Thin Muc Gauge or Other (Ex | ained Leaves (auna (B13) atic Plants (B1 Sulfide Odor Rhizospheres of Reduced Ir on Reduction i k Surface (C7) Well Data (D9 splain in Reman | B9) (C1) on Living roc on (C4) n Tilled Soils)) rks) | Second | dary Indicators (minimum of two required) urface Soil Cracks (B6) rainage patterns (B10) ry-Season Water table (C2) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) tunted or Stressed Plants (D1) eomorphic Position (D2) AC-Neutral Test (D5) |
| Id Observ rface Wate ater Table F turation Pre cludes capi | ations: r Present? Present? esent? illary fringe) | Yes Yes Yes | No X No X No X | Depths (inch Depths (inch Depths (inch | nes): nes): | 5 5 | Wetland Hydrolo | gy Present? Yes No _X |
| scribe Rec | orded Data (Stream | n gauge, mo | nitoring well, aer | ial photos, pre | evious inspectio | ons), if availa | ble: | |
| marks: | | | | | | | | |
| | | | | | | | | |

| Project/Site:Midland Pointe | City/Count | ty: Noblesville | e/ Hamilton | Samp | le Date: | 7/20/2022 |
|---|------------------|---------------------|--------------------------|-------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | le Point: | T3P2 |
| Investigator(s): Eric Ellingson SPWS | Section: T | ownship, Range: | SEC 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (conca | ave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly di | isturbed? Are | e "Normal Circumstances' | present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally probl | lematic? (If I | needed, explain any ansv | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | X | No No No | X | Is the Sampled Area Within a Wetland? | Yes | No | X | |
|---|-------------------|-------|----------------|---|--|-----|--------|---|--|
| Remarks: Mesic woods – northside | e of Sect | ion I | | | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant Species? | Indicator <u>Status</u> | Dominance Test worksheet: | | | |
|---|----------------------------|----------------------|----------------------------|--|--------------------------|---------------------|-------|
| 1. Acer saccharinum | 40 | X | FACW | Number of Dominant Species | | | (A) |
| 2. Morus alba | 10 | <u> </u> | FAC | That are OBL, FACW or FAC: | | 4 | |
| 3. | . <u> </u> | · | | Total Number of Dominant | | 6 | (B) |
| 5 | | · | | Species Across All Strata. | | 0 | - |
| | 50 | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 66.7% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius | | | | Prevalence Index worksheet: | | | |
| 1. Cornus racemosa | 60 | Х | FAC | Total % Cover of: | | Multiply by: | |
| 2. | - | | | OBL species | x 1 = | | |
| 3. | - | | | FACW species | x 2 = | | |
| 4. | - | | | FAC species | x 3 = | | |
| 5. | | | | FACU species | x 4 = | | _ |
| | 60 | = Total Cover | | UPL species | x 5 = | | _ |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | | (B) |
| 1. Persicaria virginiana | 25 | Х | FAC | Prevalence Index = B/A = | 、 / | | _ ` ` |
| 2. Parthenocissus quinquefolia | 10 | Х | FACU | Hydrophytic Vegetation Indica | ators: | | |
| 3. Rubus allegheniensis | 10 | X | FACU | Rapid Test for Hydroph | ytic Vegetat | tion | |
| 4. Symphyotrichum laeve | 5 | | FACU | X Dominance Test > 50% | , D | | |
| 5. | | | | Prevalence Index is ≤ 3 | 3.0 ¹ | | |
| 6. | | | | Morphological Adaptati | ons ¹ (Provid | e supporting data i | n |
| 7. | | | | Remarks or on a separ | ate sheet) | | |
| 8. | | | | Problematic Hydrophyt | ic Vegetatio | n¹ (Explain) | |
| 9. | | | | | | | |
| 10 | | | | ¹ Indicators of hydric soil and we | tland hydro | logy must be pres | ent, |
| | | | | unless disturbed or problematic. | | | |
| | 50 | = Total Cover | | Hydrophytic | | | |
| Woody Vine Stratum (Plot size): 30-ft radius | | - | | Vegetation | 06 | No | |
| | | | | Present? | es <u>X</u> | | |
| 9 | | | | _ | | | |
| 10 | | <u> </u> | | | | | |
| | | = Total Cover | | | | | |
| | | | | | | | |
| Remarks: (Include photo numbers here or on a se | parate shee | t.) | | | | | |

| SOIL | | | | | | | | s | ampling Point: T3P2 | | |
|---------------|---------------------------|---------------|----------------------|------------------|-----------------|--------------------|---------------|---|-------------------------------|--|--|
| Profile Desc | cription: Describ | e to the d | epth needed to c | document th | e indicator o | or confirm the | absence of | f indicators.) | | | |
| Depth | Matrix | 0/ | Color | Redox Fe | atures | 1.002 | Tavé | | Demorke | | |
| (incries) | 10YR 4/2 | 100 | 000 | - % | Туре | LOC ² | Silty Clay | | Remarks | | |
| 8-10 | 10YR 4/2 | 99 | 10YR 5/6 | <1 | С | M | Silty Clay | Loam | | | |
| 10-15 | 10YR 4/2 | 100 | | | | | Silty Clay | Loam | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | alation DM | Deduced Matrix | CC Covered | or Cooted Cor | d Craina 21 | a action (DL) | Dara Lining M. Matrix | | | |
| Hydric Soil I | ndicators: | pletion, Rivi | =Reduced Matrix, | CS=Covered | or Coaled Sar | | Indicator | s for Problematic Hyd | Iric Soils ³ | | |
| | Histosol (A1) | | | Sand | v Gleved matri | ix (S4) | maioator | Coast Prairie Redo | x (A16) | | |
| | Histic Epipedon (A | 42) | | Sand | y Redox (S5) | (-) | | Dark Surface (S7) | | | |
| | Black Histic (A3) | | | Stripp | bed Matrix (S6) |) | | Iron-Manganese Ma | asses (F12) | | |
| | Hydrogen Sulfide | (A4) | | Loam | ny Mucky Mine | ral (F1) | | Very Shallow Dark | Surface (TF12) | | |
| | Stratified Layers (| A5) | | Loam | ny Gleyed Matr | ix (F2) | | Other (Explain in Re | emarks) | | |
| | 2 cm Muck (A10) | and Origina | - (0.4.4) | Deple | eted matrix (F3 | s) (Ta) | | 31. dia dia mandri buadan | | | |
| | Thick Dark Surface | ark Surrac | e (A11) | Redo | x Dark Surface | e (F6) | | vindicators of hydro | pnytic vegetation and | | |
| | Sandy Mucky Min | eral (S1) | | Deple | eted Dark Surfa | ace (F7) | | uplose disturbed or | problematic | | |
| | 5 cm Mucky Peat | or Peat (S | 3) | Keuo | ix Depressions | (10) | | | problematic. | | |
| | , | | - / | | | | | | | | |
| Restrictive L | ayer (if observed) |): | | | | | | | | | |
| Туре: | | | | | | | | | | | |
| Depth (in.) | | | | | | Hydric So | oil Present? | Yes | No <u>X</u> | | |
| Pomorke: | | | | | | | | | | | |
| Remarks. | | | | | | | | | | | |
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| | GV | | | | | | | | | | |
| Wetland Hyp | d I Irology Indicators | • | | | | | | | | | |
| Primary Indic | ators (minimum of | one is requ | ired; check all that | apply) | | | | Secondary Indicate | ors (minimum of two required) | | |
| Su | rface water (A1) | | | Water-St | ained Leaves (| (B9) | | Surface Soil C | Cracks (B6) | | |
| Hig | gh Water Table (A2 | 2) | | Aquatic F | auna (B13) | | | Drainage patterns (B10) | | | |
| Sa | turation (A3) | | | True Aqu | atic Plants (B1 | 4) | | Dry-Season Water table (C2) Cravifish Burrows (C8) | | | |
| | diment Deposits (B | (2) | | | Rhizospheres | on Living roots | (C3) | Saturation Vis | ible on Aerial Imagery (C9) | | |
| 00 | ift Deposits (B3) | ~) | · <u> </u> | Presence | e of Reduced I | ron (C4) | (00) | Stunted or Str | essed Plants (D1) | | |
| Alg | gal Mat or Crust (B4 | 4) | | Recent Ir | on Reduction | in Tilled Soils (C | C6) | Geomorphic F | Position (D2) | | |
| lro | n Deposits (B5) | | | Thin Muc | k Surface (C7) |) | | FAC-Neutral 1 | Test (D5) | | |
| Inu | Indation Visible on | Aerial Imag | jery (B7) | Gauge or | r Well Data (D | 9) | | | | | |
| Sp | arsely Vegetated C | Concave Su | rface (B8) | Other (E) | xplain in Rema | rks) | | | | | |
| Field Observ | vations: | | | | | | | | | | |
| Surface Wate | er Present? | Yes | No X | Depths (inch | nes): | | | | | | |
| Water Table | Present? | Yes | No X | Depths (inch | nes): >1 | 5 | | | | | |
| Saturation Pr | esent? | Yes | No X | Depths (incl | nes): >1 | 5 | Wetlan | d Hydrology Present? | Yes <u>No X</u> | | |
| (includes cap | illary fringe) | | | | | | | | | | |
| Describe Rec | orded Data (Stream | m daude m | onitoring well aeri | ial photos pre | vious inspecti | ons) if available | e. | | | | |
| 200011201100 | | n gaage, n | ionitoring from, aon | iai priotoo, pro | | | | | | | |
| | | | | | | | | | | | |
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| Remarks: | | | | | | | | | | | |
| rtomantor | | | | | | | | | | | |
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| Project/Site: Midland Pointe | City/County: | : Noblesville/ I | Hamilton | Sample Date: | 7/20/2022 |
|---|--------------------|----------------------|------------------------|-------------------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Sample Point: | T3P3 |
| Investigator(s): Eric Ellingson SPWS | Section: Tov | wnship, Range: | SEC 3, T18N, R4E | | |
| Landform (hillslope, terrace, etc.): Plain | L | Local relief (concav | /e, 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, expl | ain in Remarks.) | |
| Are Vegetation, Soil, or Hydrology | significantly dist | turbed? Are " | 'Normal Circumstances' | " present? Yes | X No |
| Are Vegetation, Soil, or Hydrology | naturally proble | matic? (If ne | eded, explain any answ | vers in Remarks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | X X X | No No No | Is the Sampled Area Within a Wetland? | Yes | Х | 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 | Dominance Test worksheet: | | | |
|--|---------------------|----------------------|---------------------|---|-------------|------------------------|-------|
| 1. Acer saccharinum | 40 | X | FACW | Number of Dominant Species | | | (4) |
| 2. Quercus palustris | 10 | | FACW | That are OBL, FACW or FAC: | | 4 | (A) |
| 3. Morus alba | 10 | | FAC | Total Number of Dominant | | | (B) |
| 4. | | | | Species Across All Strata: | | 4 | (D) |
| 5 | | | | Percent of Dominant Species | | | |
| | 60 | = Total Cover | | That are OBL, FACW, or FAC: | | 100 | (A/B) |
| | | | | | | | |
| Sapling/Shrub Stratum (Plot size): 15-ft radius | | | | Prevalence Index worksheet: | | | |
| 1. Cornus racemosa | 40 | <u> </u> | FAC | Total % Cover of: | | Multiply by: | |
| 2. Fraxinus pennsylvanica | 25 | <u> </u> | FACW | OBL species | x 1 = | | _ |
| 3 | | | | FACW species | x 2 = | | _ |
| 4. | | | | FAC species | x 3 = | | _ |
| 5 | | | | FACU species | x 4 = | | _ |
| | 65 | = Total Cover | | UPL species | x 5 = | | |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | | (B) |
| 1. Toxicodendron radicans | 80 | Х | FAC | Prevalence Index = B/A = | | | |
| 2. Leersia virginica | 15 | | FACW | Hydrophytic Vegetation Indicato | rs: | | |
| 3. Symphyotrichum lanceolatum | 15 | | FACW | Rapid Test for Hydrophyti | c Vegetati | on | |
| 4. Carex normalis | 10 | | FACW | X Dominance Test > 50% | | | |
| 5. Pilea fontana | 5 | | FACW | Prevalence Index is ≤ 3.0 ¹ | | | |
| 6. | | | | Morphological Adaptation | s1 (Provide | e supporting data ir | ı |
| 7. | | | | Remarks or on a separate | sheet) | | |
| 8 | | | | Problematic Hydrophytic \ | /egetation | ¹ (Explain) | |
| 9 | | . <u> </u> | | | | | |
| 10 | | | | ¹ Indicators of hydric soil and wetlar | nd hydrol | ogy must be prese | ent, |
| | | | | unless disturbed or problematic. | | | |
| | 125 | = Total Cover | | Hydrophytic | | | |
| Woody Vine Stratum (Plot size): 30-ft radius | | | | Vegetation Yes | | No | |
| | | | | Present? | Х | | |
| 9 | | | | 4 | | | |
| 10 | . <u> </u> | - <u></u> | | - | | | |
| | | = I otal Cover | | | | | |
| Remarks: (Include photo numbers here or on a sen | arate sheet | t.) | | | | | |

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US Army Corps of Engineers

Midwest Region - Version 2.0

| SOIL | | | | | | | | Sampling Point: T3P3 | | | |
|-------------------|---------------------------------|--------------------|--------------------|-----------------------|--------------------|------------------|-----------------------------|---|--|--|--|
| Profile Des | cription: Descril | be to the d | epth needed t | o document th | he indicator o | or confirm th | e absence of indicators. |) | | | |
| Depth | Matrix | | | Redox Fe | eatures | | _ | | | | |
| (inches) | Color (moist) | <u>%</u> | Color | % | Type ¹ | Loc ² | Texture | Remarks | | | |
| 0-8 | 10YR 4/2 | 05 | | | | | Silty Clay Loam | | | | |
| 8-15 | 10YR 4/2 | | 10YR 5/6 | 5 | <u> </u> | M | Silty Clay Loam | | | | |
| | | | | | | | | | | | |
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| 17 | | | | | | | Lessting DL David Science N | A . N.A 4-1-1 | | | |
| Type: C=CC | ncentration, D=De | epletion, Riv | Reduced Matr | rix, CS=Covered | or Coated Sar | id Grains. 2 | Location: PL=Pore Lining, N | /=Matrix | | | |
| Hydric Soli I | Historol (A1) | | | Con | du Claurad maatri | (64) | Indicators for Problem | ria Rodov (A16) | | | |
| | Histic Eninedon | (42) | _ | Sand | dy Gleyed math | x (54) | Coast Flat | co(S7) | | | |
| | Black Histic (A3) | (72) | | Sano | by Redux (SS) | | | (E(07)) | | | |
| | Hydrogen Sulfide | - (Δ4) | | Suip | peu Mucky Minor | / (E1) | | anese Masses (1 12) ow Dark Surface (TE12) | | | |
| | Stratified Lavers | (Δ5) | | Loan | ny Gloved Matr | ix (E2) | Other (Evr | Jain in Remarks) | | | |
| | 2 cm Muck (A10) | (7.0) | | X Depl | loted matrix (F3 | ix (i <i>z)</i> | | an in Kenaks) | | | |
| | Depleted Below | / Dark Surfac | ρ (Δ11) | <u>N</u> Depi Body | ov Dark Surface | (F6) | ³ Indicators | of hydrophytic vegetation and | | | |
| | Thick Dark Surfa | | | Neut | lotod Dark Surface | = (1 0) | wetland by | drology must be present | | | |
| | Sandy Mucky Mi | neral (S1) | | Depi Body | eleu Dark Suna | | | urbed or problematic | | | |
| | 5 cm Mucky Pea | t or Peat (S | 3) | Keut | Dx Depressions | (10) | uness dist | dibed of problematic. | | | |
| | J CHI MUCKY I Ed | torreat (O | 5) | | | | | | | | |
| Restrictive I | aver (if observer | 4). | | | | | | | | | |
| Type [.] | | <i></i> | | | | | | | | | |
| Dopth (in) | | | | <u> </u> | | Hydric | Soil Procont? | | | | |
| Deptil (III.) | | | | | | nyunc | Son Fresent | | | | |
| Remarks: | | | | | | | | | | | |
| Remarks. | | | | | | | | | | | |
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| HTDROLO | G I drala av Indiaatar | <u>.</u> | | | | | | | | | |
| Primary India | arology indicator | S: Fono is rogu | urad: chack all t | hat apply) | | | Soconda | a Indicators (minimum of two required) | | | |
| | rface water (A1) | i une is requ | ineu, check all ti | Mator S | tained Leaves (| (B0) | Secoluai | y mulcators (minimum or two required) | | | |
| 3u | ah Water Table (AT) | 2) | | | Eauna (B12) | [D9] | Suit | Sufface Soft Cracks (B6) | | | |
| | gir Water Table (A $\Delta 3$) | 2) | | | uatic Plants (B1 | 4) | Dra | Season Water table (C2) | | | |
| 02 | ater marks (B1) | | | Hvdroge | en Sulfide Odor | (C1) | Cray | Cravfish Burrows (C8) | | | |
| Se | ediment Deposits (| B2) | | Oxidized | Rhizospheres | on Living root | ts (C3) Satu | ration Visible on Aerial Imagery (C9) | | | |
| 00 | ift Deposits (B3) | 02) | | Presence | e of Reduced Ir | on (C4) | | ted or Stressed Plants (D1) | | | |
| Alc | nal Mat or Crust (F | 34) | | Recent I | ron Reduction i | n Tilled Soils | (C6) X Geo | morphic Position (D2) | | | |
| | on Deposits (B5) |) | | Thin Mu | ck Surface (C7) | | $\frac{1}{2}$ | -Neutral Test (D5) | | | |
| | undation Visible or | Aerial Imag | nerv (B7) | Gauge o | or Well Data (D9 | , A) | | | | | |
| Sp | arsely Vegetated | Concave Su | urface (B8) | Other (E | xplain in Rema | rks) | | | | | |
| 0P | alooly regulated | 00110410 00 | | 0 4.101 (2 | | | | | | | |
| Field Observ | vations: | | | | | | | | | | |
| Surface Wate | er Present? | Yes | No X | Depths (inc | hes): | | | | | | |
| Water Table | Present? | Yes | No X | Depths (inc | hes): >15 | 5 | | | | | |
| Saturation Pr | resent? | Yes | No X | Depths (inc | hes): >15 | 5 | Wetland Hydrology | Present? Yes X No | | | |
| (includes cap | oillary fringe) | | | | | | | | | | |
| | | | | | | | | | | | |
| Describe Red | corded Data (Strea | am gauge, n | nonitoring well, a | aerial photos, pr | evious inspection | ons), if availat | ble: | | | | |
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| Dementer | | | | | | | | | | | |
| Remarks: | | | | | | | | | | | |
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| Project/Site: Midland Pointe | City/Coun | ity: Nobles | ville/ Hamilton | Sample Date: | | 7/20/2022 |
|---|-----------------|-----------------|------------------------------|--------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | le Point: | T3P4 |
| Investigator(s): Eric Ellingson SPWS | Section: T | ownship, Rang | ge: SEC 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (c | oncave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly d | listurbed? | Are "Normal Circumstances" | " present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | ematic? | (If needed, explain any answ | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? | Yes Yes | Х | No No | X | Is the Sampled Area Within a Wetland? | Yes | No | Х |
|---|------------|---|----------|---|--|-----|----|---|
| Wetland Hydrology Present? | Yes | | No | Х | | | | |
| Remarks: Upland lawn – north of w | roods | | | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute % Cover | Dominant Species? | Indicator Status | Dominance Test worksheet: | | | |
|--|---------------------|----------------------|---------------------|--|-------------------------|---------------------|----------|
| 1. Acer saccharinum | 5 | X | FACW | Number of Dominant Species | | | (•) |
| 2. Morus alba | 5 | Х | FAC | That are OBL, FACW or FAC: | | 3 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 4 | - (B) |
| 5. | | | | Descent of Dominant Creation | | | - |
| | 10 | = Total Cover | | That are OBL, FACW, or FAC: | | 75.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius | | | | Prevalence Index worksheet: | | | |
| 1. Elaeagnus umbellata | 2 | | FACU | Total % Cover of: | | Multiply by: | |
| 2. | | | | OBL species | x 1 = | | |
| 3. | | | | FACW species | x 2 = | | |
| 4. | | | | FAC species | x 3 = | | |
| 5. | | | | FACU species | x 4 = | | |
| | 2 | = Total Cover | | UPL species | x 5 = | | _ |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | | (B) |
| 1. Poa pratensis | 80 | Х | FAC | Prevalence Index = B/A = | _ ` ` | | _ ` ` |
| 2. Trifolium pratense | 30 | Х | FACU | Hydrophytic Vegetation Indicato | rs: | | |
| 3. Schedonorus arundinaceus | 25 | | FACU | Rapid Test for Hydrophytic | c Vegetat | ion | |
| 4. Plantago lanceolata | 15 | | FACU | X Dominance Test > 50% | Ū | | |
| 5. Taraxacum officinale | 10 | | FACU | Prevalence Index is $\leq 3.0^{1}$ | | | |
| 6. Rubus allegheniensis | 10 | | FACU | Morphological Adaptations | s ¹ (Provide | e supporting data i | า |
| 7. | | | | Remarks or on a separate | sheet) | | |
| 8. | | | | Problematic Hydrophytic \ | /egetatior | n¹ (Explain) | |
| 9. | | | | | | | |
| 10 | | | | ¹ Indicators of hydric soil and wetlar | nd hydrol | ogy must be pres | ent, |
| | - | | | unless disturbed or problematic. | | | |
| | 170 | = Total Cover | | Hydrophytic | | | |
| Woody Vine Stratum (Plot size): 30-ft radius | | - | | Vegetation | | No | |
| | | | | Present? | Х | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| | | = Total Cover | | | | | |
| | | | | | | | |
| Remarks: (Include photo numbers here or on a ser | parate shee | t.) | | | | | |

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| SOIL | | | | | | | | Sampling Point: T3P4 |
|--------------------------|--------------------|-------------------|-----------------------|------------------|------------------------------|--------------------------|-----------------------|---|
| Profile Desc | ription: Descril | be to the de | pth needed to de | ocument the | indicator or | confirm the a | bsence of indicator | rs.) |
| Depth | Matrix | | | Redox Feat | ures | | | |
| (inches) | Color (moist) | | Color | % | Туре1 | Loc ² | Texture | Remarks |
| 0-15 | 10YR 5/3 | | | <u> </u> | | | Slit Loam | |
| | | | | | | | | |
| | | | | <u> </u> | | | | |
| | | | | <u> </u> | | | | |
| | | | | | | | | |
| | | | | <u> </u> | | | | |
| ¹ Type: C=Cor | ncentration, D=De | epletion, RM= | Reduced Matrix, C | S=Covered or | Coated Sand | Grains. ² Loc | ation: PL=Pore Lining | , M=Matrix |
| Hydric Soil In | dicators: | | | | | | Indicators for Probl | ematic Hydric Soils ³ : |
| | Histosol (A1) | () | | Sandy (| Gleyed matrix | (S4) | Coast Pi | airie Redox (A16) |
| | Histic Epipedon | (A2) | | _ Sandy I | Redox (S5) | - | Dark Su | face (S7) |
| | Black Histic (A3) | - (A 4) | | Stripped | d Matrix (S6) | - | Iron-Mar | iganese Masses (F12) |
| | Stratified Lavers | e (A4) (Δ5) | | _ Loamy | Mucky Minera | (F1) | Very Sna | allow Dark Surface (TFTZ) |
| | 2 cm Muck (A10) |) | | Loaniy | d matrix (F3) | (FZ) <u>–</u> | | |
| | Depleted Below | , Dark Surface | (A11) | Redox I | Dark Surface (| E6) | ³ Indicato | rs of hydrophytic vegetation and |
| | Thick Dark Surfa | ace (A12) | (/) | Deplete | ed Dark Surfac | e (F7) | wetland | hvdrology must be present. |
| | Sandy Mucky Mi | ineral (S1) | | Redox I | Depressions (| =8) | unless d | isturbed or problematic. |
| | 5 cm Mucky Pea | at or Peat (S3) | | _ | | - / | | |
| | - | | | | | | | |
| Restrictive La | ayer (if observed | d): | | | | | | |
| Туре: | | | | _ | | | | |
| Depth (in.) | | | | _ | | Hydric Soil | Present? | Yes <u>No X</u> |
| | | | | | | | | |
| Remarks: | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |
| HYDROLOG | θY | | | | | | | |
| Wetland Hydi | rology Indicator | 's: | | | | | | |
| Primary Indica | tors (minimum of | f one is requii | ed; check all that a | apply) | | | Second | lary Indicators (minimum of two required) |
| Sur | face water (A1) | | | _ Water-Stair | ned Leaves (B | 9) | Su | Irface Soil Cracks (B6) |
| Higi | h Water Table (A | (2) | | _ Aquatic Fat | una (B13) io Plonto (B14) | | Dr | ainage patterns (B10) |
| 3al | tor marks (B1) | | | Hydrogen S | Sulfide Odor (C | / `1) | DI | avfish Burrows (C8) |
| Sed | liment Deposits (| B2) | | Oxidized RI | hizospheres o | n Livina roots (C | C3) Sa | aturation Visible on Aerial Imagery (C9) |
| Drif | t Deposits (B3) | ,) | | Presence o | f Reduced Iro | n (C4) | St St | unted or Stressed Plants (D1) |
| Alga | al Mat or Crust (E | 34) | | Recent Iron | Reduction in | Tilled Soils (C6 |) Ge | eomorphic Position (D2) |
| Iron | Deposits (B5) | , | | Thin Muck | Surface (C7) | • | F# | AC-Neutral Test (D5) |
| Inur | ndation Visible or | n Aerial Image | ery (B7) | Gauge or V | Vell Data (D9) | | | |
| Spa | rsely Vegetated | Concave Sur | face (B8) | _ Other (Expl | lain in Remark | s) | | |
| Field Observe | | | | | | | | |
| Surface Water | r Present? | Ves | No X | Depths (inches | c). | | | |
| Water Table P | Present? | Yes | | Depths (inches | s): >15 | | | |
| Saturation Pre | sent? | Yes | No X | Depths (inches | s): >15 | | Wetland Hydrolog | y Present? Yes No X |
| (includes capil | llary fringe) | | | | | | | ··· |
| | | | | | | | | |
| Describe Reco | orded Data (Strea | am gauge, mo | onitoring well, aeria | il photos, previ | ious inspection | is), if available: | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Remarks: | | | | | | | | |
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| Project/Site: Midland Pointe | City/Coun | ity: Nobles | ville/ Hamilton | Sample Date: | | 7/20/2022 |
|---|-----------------|------------------|------------------------------|--------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | le Point: | T3P5 |
| Investigator(s): Eric Ellingson SPWS | Section: T | ownship, Rang | e: SEC 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (co | oncave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly d | listurbed? | Are "Normal Circumstances" | " present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | ematic? | (If needed, explain any answ | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | X | No No No | X X | Is the Sampled Area Within a Wetland? | Yes | No | X | |
|---|-------------------|---|----------------|--------|--|-----|--------|---|--|
| Remarks: Upland forest – southwe | st portio | n | | | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant Species? | Indicator <u>Status</u> | Dominance Test worksheet: | | | |
|---|----------------------------|----------------------|----------------------------|--|-------------------------|------------------------|-------|
| 1. <u>Acer saccharinum</u> 2. | 30 | <u> </u> | FACW | Number of Dominant Species That are OBL, FACW or FAC: | | 3 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 4 | (B) |
| 5 | 30 | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 75.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. Cornus racemosa | 25 | х | FAC | Prevalence Index worksheet: Total % Cover of: | | Multiply by: | |
| 2. | | · | | OBL species | x 1 = | | |
| 3. | | | | FACW species | x 2 = | | _ |
| 4. | | . <u> </u> | | FAC species | x 3 = | | _ |
| 5. | | <u></u> | | FACU species | x 4 = | | _ |
| | 25 | = Total Cover | | UPL species | x 5 = | | |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | | (B) |
| 1. Parthenocissus guinguefolia | 25 | Х | FACU | Prevalence Index = B/A = | _ ` ' | | _ ` ´ |
| 2. Toxicodendron radicans | 15 | Х | FAC | Hydrophytic Vegetation Indicato | rs: | | |
| 3. Rubus allegheniensis | 10 | | FACU | Rapid Test for Hydrophytic | c Vegetati | on | |
| 4. Geum virginianum | 10 | | FACU | X Dominance Test > 50% | | | |
| 5. Fragaria virginiana | 5 | | FACU | Prevalence Index is $\leq 3.0^{1}$ | | | |
| 6 | | . <u> </u> | | Morphological Adaptations | s ¹ (Provide | e supporting data in | |
| 7. | | · | | Remarks or on a separate | sheet) | | |
| 8. | | | | Problematic Hydrophytic V | egetation/ | ¹ (Explain) | |
| 9 | | | | | | | |
| 10 | | | | Indicators of hydric soll and wetlar | na nyarolo | ogy must be prese | nt, |
| | | | | unless disturbed or problematic. | | | |
| Weady Vine Stratum (Blat aiza): 20 ft radius | 65 | = Total Cover | | Hydrophytic | | | |
| woody vine Stratum (Piot size): 30-it radius | | | | Present? Yes | Х | No | |
| 9. Toxicodendron radicans | 2 | | FAC | | | | |
| 10 Parthenocissus quinquefolia | 2 | | FACU | 1 | | | |
| | 4 | = Total Cover | | 1 | | | |
| | | | | | | | |

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

US Army Corps of Engineers

| prime Matrix Reduct Pretures 15 Torklaz: 10 10 Relative Matrix 10 10 Relative Matrix 10 10 Relative Matrix 10 | epth | cription: Describe | to the dep | th needed to | document the | e indicator or | confirm the | absence of in | dicators.) | ampling Point: 13P5 | |
|---|---|--|---|---|--|---|--|---|--|---|----------|
| Ype: C-Concentration, D-Depeteron, RM=Reduced Matrix, CS-Covered or Coated Sund Grains, *Locator: PLe-Pore Lining, MeMatrix Ype: C-Concentration, D-Depeteron, RM=Reduced Matrix, CS-Covered or Coated Sund Grains, *Locator: PLe-Pore Lining, MeMatrix Ype: C-Concentration, D-Depeteron, RAP, Reduced Matrix, CS-Covered or Coated Sund Grains, *Locator: PLe-Pore Lining, MeMatrix Yme: C-Concentration, D-Depeteron, RAP, Reduced Matrix, CS-Covered or Coated Sund Grains, *Locator: PLe-Pore Lining, MeMatrix Yme: C-Concentration, D-Depeteron, RAP, Reduced Matrix, CS-Covered or Coated Sund Grains, *Locator: PLe-Pore Lining, MeMatrix Yme: C-Concentration, D-Depeteron, RAP, Reduced Matrix, CS-Covered or Coated Sund Grains, *Locator: PLe-Pore Lining, MeMatrix Yme: C-Concentration, D-Depeteron, RAP, Reduced Matrix, CS-Covered or Coated Sunda Criptic Plants, Reduced Matrix, CS-Covered Sunda Criptic, Plants, Reduced Matrix, CS-Covered Sunda Criptic, Reduced Sunda Criptic, Reduced Sunda Criptic, Reduced Sunda Criptic, R | 15 | Matrix Color (moist) 10YR4/2- 10YR4/3 | <u>%</u> 100 | Color | Redox Fea | tures Type ¹ | Loc ² | Texture Silt Loam | <u> </u> | Remarks | |
| pre_c-Concentration, D_Deptetion, RM=Reduced Matrix, CS=Covered or Coated Sand Grans. * Location: PL=Pore Ling, M=Matrix miss off indicators: Indicators for Problematic Signed Matrix (SP) Histic Eppedion (A2) Sandy Redox (SS) Back Halls (A3) Sandy Redox (SS) Back Halls (A3) Sandy Redox (SS) Depted Care (A4) Loany Mucky Minoral (F1) Depted Barb Data (S1) Depted Matrix (SP) Seried Matrix (SR) Depted Barb Data (S1) Seried Values (Matrix (SR) Depted Barb Data (S1) Seried Values (Matrix (SR) Depted Data Surface (Tr) witch (Matrix (SR) Depted Barb Data (S1) Seried Values (Matrix (SR) Depted Barb (SR) Seried Values (Matrix (SR) Depted Barb (SR) Seried Values (SR) Matrix (SR) Seried Values (SR) Matrix (SR) Matrix (SR) Matrix (SR) Seried Values (SR) Matrix | | | | | | | | | | | |
| | ype: C=Cc dric Soil | Indicators: Histosol (A1) Histic Epipedon (A: Black Histic (A3) Hydrogen Sulfide (Stratified Layers (A 2 cm Muck (A10) Depleted Below Da Thick Dark Surface Sandy Mucky Mine | 2) A4) 55) ark Surface (e (A12) aral (S1) or Peat (S3) | A11) | , CS=Covered of Sandy Sandy Loamy Loamy Loamy Redox Deplet Redox | Gleyed matrix Redox (S5) ed Matrix (S6) / Mucky Minera / Gleyed Matrix (Gleyed Matrix ed matrix (F3) Dark Surface red Dark Surface | d Grains. ² L (S4) al (F1) (F2) (F6) ce (F7) (F8) | Location: PL=Por Indicators fo C C C C C C C C S C S S V V V V V V V V | e Lining, M=Matrix or Problematic Hyd coast Prairie Redox bark Surface (S7) on-Manganese Ma fery Shallow Dark S other (Explain in Re Indicators of hydro retland hydrology n nless disturbed or | Iric Soils ³ : < (A16) asses (F12) Surface (TF12) emarks) phytic vegetation and nust be present, problematic. | |
| DROLOGY tland Hydrology Indicators: may Indicator funinmum of one is required; check all that apply) Secondary Indicators (minimum of noe is required; check all that apply) Surface water (A1) Aquatic Faune (B13) Drainage patterns: (B1) High Water Table (A2) Aquatic Faune (B13) Drainage patterns: (B1) Water marks (B1) Hydropen Suffde Oddr (C1) Crafish Burrows (C8) Sediment Deposits (B2) Oxidiced Rhizospheres on Living roots (C3) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduction in Tilled Solis (C6) Geomorphic Position (D2) In undeposits (B3) Presence of Reduction in Tilled Solis (C6) Geomorphic Position (D2) In undeposits (B3) Gauge or Well Data (D9) Secondary Indicators (D5) In undeposits (B3) Other (Explain in Remarks) FAC-Neutral Test (D5) In undeposits (B3) Other (Explain in Remarks) FAC-Neutral Test (D5) In undeposits (B3) Depths (inches): | strictive I be: oth (in.) | Layer (if observed): | | | | | Hydric S | oil Present? | Yes | No <u>X</u> | |
| 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) Sutured 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) Isomorphic Posention Gauge or Well Data (D9) Staturation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) FAC-Neutral Test (D5) Hod Observations: Tase Water Present? Yes No X Depths (inches): | etland Hy mary India Su Hi Sa | drology Indicators: cators (minimum of o urface water (A1) igh Water Table (A2) aturation (A3) | ne is require | d; check all tha - - | at apply) Water-Sta Aquatic Fa True Aqua | ined Leaves (E auna (B13) atic Plants (B14 | 39) | | Secondary Indicato Surface Soil C Drainage patte Dry-Season W | ors (minimum of two requ tracks (B6) erns (B10) /ater table (C2) | uired) |
| Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) eld Observations: Yes No X Depths (inches): | Hi Sa | igh Water Table (A2) aturation (A3) | | - | Aquatic Fa | auna (B13) atic Plants (B14 | L) | - | Drainage patte Dry-Season W | erns (B10) /ater table (C2) | |
| face Water Present? Yes No X Depths (inches): >15 uration Present? Yes No X Depths (inches): >15 scribe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: marks: marks: | W Se Di Al Irc | ater marks (B1) ediment Deposits (B2 rift Deposits (B3) gal Mat or Crust (B4) on Deposits (B5) undation Visible on A | 2) Nerial Imager | - - - - - - - - | Hydrogen Oxidized F Presence Recent Irc Thin Muck Gauge or | Rhizospheres of of Reduced Iro on Reduction iro Surface (C7) Well Data (D9) | ,, C1) on Living roots on (C4) i Tilled Soils ((| s (C3) C6) | Crayfish Burro Saturation Visi Stunted or Stro Geomorphic P FAC-Neutral T | ows (C8) ible on Aerial Imagery (C essed Plants (D1) Position (D2) Fest (D5) | 29) |
| scribe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: | W Su Di Al Irc In Sp Id Obser | ater marks (B1) ediment Deposits (B2 rift Deposits (B3) gal Mat or Crust (B4) on Deposits (B5) undation Visible on A parsely Vegetated Co vations: | 2) Nerial Imager Dincave Surfa | y (B7) ce (B8) | Hydrogen Oxidized F Presence Recent Irct Thin Muck Gauge or Other (Exp | Rhizospheres c of Reduced Irc on Reduction ir Surface (C7) Well Data (D9) plain in Remark | ,7 C1) on Living roots on (C4) o Tilled Soils ((ks) | s (C3) C6) | Crayfish Burro Saturation Visi Stunted or Stru Geomorphic P FAC-Neutral T | ows (C8) ible on Aerial Imagery (C essed Plants (D1) Position (D2) Fest (D5) | 29) |
| narks: | W Se Di Al Irc In Sp Id Obser face Wat ter Table uration P cludes cap | ater marks (B1) ediment Deposits (B2) gal Mat or Crust (B4) on Deposits (B5) undation Visible on A barsely Vegetated Co vations: er Present? Present? resent? pillary fringe) | 2) Nerial Imager oncave Surfa Yes Yes Yes | y (B7) ce (B8) No X No X | Hydrogen Oxidized F Presence Recent Ircc Thin Muck Gauge or Other (Exp Depths (inch Depths (inch Depths (inch | Sufface Oddi (Rhizospheres (of Reduced Irc on Reduction ir Sufface (C7) Well Data (D9) olain in Remari es): es): >15 es): >15 | (C1) on Living roots on (C4) Tilled Soils (((s) | s (C3) C6) | Crayfish Burro Saturation Visi Stunted or Stru Geomorphic P FAC-Neutral T | wws (C8) ible on Aerial Imagery (C essed Plants (D1) Position (D2) Fest (D5) | 29) X |
| | W Si Al In In Si d Obset face Wat face Wat face Wat er Table uration Pr ludes cap | ater marks (B1) ediment Deposits (B2) gal Mat or Crust (B4) on Deposits (B5) undation Visible on A barsely Vegetated Co vations: er Present? Present? present? pillary fringe) corded Data (Stream | 2) Nerial Imager Oncave Surfa Yes Yes Yes | y (B7) ce (B8) No <u>X</u> No <u>X</u> itoring well, ae | Hydrogen Oxidized F Presence Recent Irc Thin Muck Gauge or Other (Exp Depths (inch Depths (inch Depths (inch rial photos, prev | Suffice Oddi (Rhizospheres (of Reduced Irc n Reduction ir Sufface (C7) Well Data (D9) plain in Remark es): es): es): vious inspectio | n Living roots n (C4) Tilled Soils (((ss) | s (C3) C6) Wetland H | Crayfish Burro Saturation Visi Stunted or Stra Geomorphic P FAC-Neutral T ydrology Present? | ws (C8) ible on Aerial Imagery (C essed Plants (D1) 'osition (D2) "est (D5) | X |
| | W Si Di Al Irr In Sr Id Obser face Wat ter Table uration P ludes cap cribe Re | ater marks (B1) ediment Deposits (B2) gal Mat or Crust (B4) on Deposits (B5) undation Visible on A barsely Vegetated Co vations: er Present? Present? pillary fringe) corded Data (Stream | 2) Averial Imager oncave Surfa Yes Yes gauge, mor | y (B7) ce (B8) No X No X | Hydrogen Oxidized F Presence Recent Irc Thin Muck Gauge or Other (Exp Depths (inch Depths (inch Depths (inch rial photos, prev | Surface Oddi (Rhizospheres (of Reduced Irc on Reduction ir Surface (C7) Well Data (D9) olain in Remari es): es): >15 es): >15 vious inspectio | /C1) on Living roots on (C4) Tilled Soils (((s) (s) (s) | s (C3) C6) Wetland H | Craytish Burro Saturation Visi Stunted or Stra Geomorphic P FAC-Neutral T ydrology Present? | ws (C8) ible on Aerial Imagery (C essed Plants (D1) Position (D2) Fest (D5) | |
| | W Si Di Al In In St Id Obser face Wat ter Table uration P iludes cap scribe Re | ater marks (B1) ediment Deposits (B2) ifft Deposits (B3) gal Mat or Crust (B4) on Deposits (B5) undation Visible on A barsely Vegetated Co vations: er Present? Present? Present? poillary fringe) corded Data (Stream | 2) Nerial Imager Oncave Surfa Yes Yes gauge, mor | y (B7) ce (B8) No <u>X</u> No <u>X</u> itoring well, ae | Hydrogen Oxidized F Presence Recent Irc Thin Muck Gauge or Other (Exp Depths (inch Depths (inch Depths (inch rial photos, prev | Surface Odol (Rhizospheres (of Reduced Irc on Reduction ir Surface (C7) Well Data (D9) polain in Remari es): es): es): yolain in Remari | n Living roots n (C4) Tilled Soils ((ks) | s (C3) C6) Wetland H | Crayfish Burro Saturation Visi Stunted or Stru Geomorphic P FAC-Neutral T ydrology Present? | ws (C8) ible on Aerial Imagery (C essed Plants (D1) Position (D2) Fest (D5) Yes <u>No</u> | |

| Project/Site: Midland Pointe | City/Coun | ty: Noblesv | ville/ Hamilton | Sample Date: | | 7/20/2022 |
|---|-----------------|------------------|------------------------------|--------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | le Point: | T3P6 |
| Investigator(s): Eric Ellingson, SPWS | Section: T | ownship, Range | e: Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (co | oncave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly d | isturbed? | Are "Normal Circumstances" | " present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | lematic? | (If needed, explain any answ | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? | Yes | No | Х | Is the Sampled Area | | | | |
|---------------------------------|-----|----|---|---------------------|-----|----|---|--|
| Hydric Soil Present? | Yes | No | Х | Within a Wetland? | Yes | No | Х | |
| Wetland Hydrology Present? | Yes | No | Х | within a wettand? | | | | |
| Remarks: Upland old field | | | | | | | | |
| | | | | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant <u>Species?</u> | Indicator <u>Status</u> | Dominance Test worksheet: | | | |
|--|----------------------------|---------------------------------------|----------------------------|--|---------------|-----------------------|----------|
| 1 | | | | Number of Dominant Species That are OBL, FACW or FAC: | | 0 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 1 | - (B) |
| 5. | | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 0.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. | | | | Prevalence Index worksheet: Total % Cover of: | | Multiply by: | |
| 2. | | <u> </u> | | OBL species | x 1 = | | _ |
| 3 | | · | | | x 2 = | | _ |
| 4 | | · <u> </u> | | | x 3 = | | _ |
| J | | | | | | | — |
| | | = Total Cover | | | | | |
| Herb Stratum (Plot size): 5-ft radius | | N/ | FACU | Column Totals: | (A) | | (B) |
| 1. Schedonorus arundinaceus | 60 | <u> </u> | FACU | Prevalence Index = B/A = | | | |
| 2. Juncus tenuis | 15 | · | FAC | Hydrophytic Vegetation Indica | ators: | | |
| 3. Carex bromoides | 10 | · | FACW | Rapid Test for Hydroph | iytic Vegetat | tion | |
| 4. Carex molesta | 5 | · · · · · · · · · · · · · · · · · · · | FAC | Dominance Test > 50% | 3 | | |
| 5. Ambrosia arternisinolia | 5 | | FACU | Prevalence Index is ≤ 3 | 3.01 | | |
| | 5 | | FACU | Morphological Adaptati | ons' (Provid | ie supporting data ir | 1 |
| 7. 9 | | · <u> </u> | | Problematic Hydrophyt | ic Vogotatio | n1 (Evolain) | |
| 8 | | · | | | ic vegetation | | |
| 10 | | · · · · · · · · · · · · · · · · · · · | | ¹ Indicators of hydric soil and we | tland hydro | loav must be prese | ent |
| | | · | | unloss disturbed or problematic | | logy maet be pree | , |
| Woody Vine Stratum (Plot size): 30-ft radius | 100 | _ = Total Cover | | Hydrophytic Vegetation Present? | es | No _X | |
| 9. | | | | 1 | | | |
| 10 | | | | | | | |
| | | = Total Cover | | | | | |
| | | | | | | | |
| Remarks: (Include photo numbers here or on a set | parate sheet | i.) | | | | | |

| SOIL | | | | | | | | s | Sampling Point: T3P6 |
|-------------------------|---------------------------------|--------------|-----------------------|-----------------|--------------------|---------------------------|-------------|-----------------------|-------------------------------|
| Profile Des | cription: Describ | e to the de | pth needed to d | ocument the | indicator or | confirm the at | bsence of | indicators.) | |
| Depth | Matrix | | | Redox Fea | tures | | - | | |
| (inches) | Color (moist) | 100 | Color | % | I ype ¹ | LOC ² | l extu | ure | Remarks |
| 0-8 | 10YR 4/3 | 100 | | <u> </u> | · | | Silt Loam | | |
| 15-24 | 101R 4/4 | 100 | | | | | Silt Loam | | |
| 10-24 | 101K 3/4 | | | | | | | | |
| | | | | <u> </u> | · | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| ¹ Type: C=Co | oncentration, D=De | pletion, RM= | Reduced Matrix, 0 | CS=Covered o | or Coated Sand | Grains. ² Loca | ation: PL=P | Pore Lining, M=Matrix | |
| Hydric Soil I | Indicators: | | | | | | Indicators | for Problematic Hyd | dric Soils ³ : |
| | Histosol (A1) | | | Sandy | Gleyed matrix | (S4) | | Coast Prairie Redo | ox (A16) |
| | Histic Epipedon (| A2) | | Sandy | Redox (S5) | _ | | Dark Surface (S7) | |
| | Black Histic (A3) | (.) | | Strippe | ed Matrix (S6) | | | Iron-Manganese M | asses (F12) |
| | Hydrogen Sulfide | (A4) | | Loamy | Mucky Mineral | (F1) | | Very Shallow Dark | Surface (TF12) |
| | Stratified Layers | (A5) | | Loamy | Gleyed Matrix | (F2) <u> </u> | | Other (Explain in R | emarks) |
| | 2 CITI MUCK (ATU) | Jork Surface | (A11) | Deplet | ed matrix (F3) | | | 3Indicators of hydro | solution updatation and |
| <u> </u> | Thick Dark Surfa | | (ATT) | Redox | Dark Surface (| F6) c (E7) | | wetland bydrology | must be present |
| | Sandy Mucky Mir | eral (S1) | | Depier | | e(r/) 59) | | upless disturbed or | nusi de present, |
| | 5 cm Mucky Peat | or Peat (S3 | · | | | 0) | | | problematic. |
| <u> </u> | o on Macky r cat | | / | | | | | | |
| Restrictive L | _ayer (if observed |): | | | | | | | |
| Type: | ., | , | | | | | | | |
| Depth (in.) | | | | _ | | Hydric Soil | Present? | Yes | No X |
| | | | | | | | | | |
| Remarks: | | | | | | | | | |
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| | ov | | | | | | | | |
| HYDROLO Wetlend Uw | <u>GY</u> drology Indicators | | | | | | | | |
| Primary Indic | ators (minimum of | one is requi | red: checked all th | at annly) | | | | Secondary Indicate | ors (minimum of two required) |
| Su | urface water (A1) | one is requi | | Water-Sta | ined Leaves (B | 3) | | Surface Soil (| Cracks (B6) |
| Hi | gh Water Table (A2 | 2) | | Aquatic Fa | auna (B13) | 5) | | Drainage patt | terns (B10) |
| Sa | aturation (A3) | -/ | | True Aqua | tic Plants (B14) | | | Dry-Season V | Water table (C2) |
| W | ater marks (B1) | | | Hydrogen | Sulfide Odor (C | :1) | | Crayfish Burr | ows (C8) |
| Se | diment Deposits (E | 32) | | Oxidized F | Rhizospheres or | Living roots (C | 3) | Saturation Vis | sible on Aerial Imagery (C9) |
| Dr | ift Deposits (B3) | | | Presence | of Reduced Iror | n (C4) | | Stunted or St | ressed Plants (D1) |
| Alg | gal Mat or Crust (B | 4) | | Recent Iro | n Reduction in | Tilled Soils (C6) |) | Geomorphic I | Position (D2) |
| Iro | on Deposits (B5) | | | Thin Muck | Surface (C7) | | | FAC-Neutral | Test (D5) |
| Inu | undation Visible on | Aerial Imag | ery (B7) | Gauge or | Well Data (D9) | | | | |
| Sp | parsely Vegetated (| Concave Sur | face (B8) | Other (Exp | plain in Remark | s) | | | |
| Field Ob ear | | | | | | | T | | |
| Field Observ | vations: | Voo | No V | Doptha (inch | | | | | |
| Water Table | Present? | Yes | | Depths (inche | es): <u>>24</u> | · | | | |
| Saturation Pr | resent? | Yes | | Depths (inche | | | Wetland | Hydrology Present | ? Yes No X |
| (includes car | oillary fringe) | | | Depins (ment | <u>-2</u> - | | Wettania | inguloiogy i lesent | |
| (included cap | mary miligo, | | | | | | | | |
| Describe Red | corded Data (Strea | m gauge, m | onitoring well, aeria | al photos, prev | ious inspection | s), if available: | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Pomarka: | | | | | | | | | |
| Remarks. | | | | | | | | | |
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| Project/Site: Midland Pointe | City/County: Noblesville/ Ha | | ville/ Hamilton | Samp | le Date: | 7/20/2022 |
|---|------------------------------|-----------------|------------------------------|-------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Samp | le Point: | T3P7 |
| Investigator(s): Eric Ellingson, SPWS | Section: T | ownship, Rang | ge: Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (c | oncave, 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, expl | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly d | listurbed? | Are "Normal Circumstances | " present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | ematic? | (If needed, explain any answ | vers in Ren | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | Х | No No No | X X | Is the Sampled Area Within a Wetland? | Yes | No | Х | |
|---|-------------------|-----|----------------|--------|--|-----|--------|---|--|
| Remarks: Upland old field west of | Section | IIC | | | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant Species? | Indicator <u>Status</u> | Dominance Test worksheet: | | | |
|--|----------------------------|----------------------|----------------------------|---|---|----------------------|-------|
| 1 | | - <u> </u> | | Number of Dominant Species That are OBL, FACW or FAC: | | 1 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 3 | (B) |
| 5. | | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 33.3% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. Fraxinus pennsylvanica 2 Rubus allegheniensis | <u>20</u> | <u> </u> | FACW | Prevalence Index worksheet: Total % Cover of: OBL species | x 1 = | Multiply by: | |
| 3. Cornus racemosa | 10 | | FAC | FACW species | x 2 = | | — |
| 4. Pyrus calleryana | 10 | | UPL | FAC species | x 3 = | | _ |
| 5. | | | | FACU species | x 4 = | | |
| | 55 | = Total Cover | | UPL species | x 5 = | | |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | | (B) |
| 1. Solidago canadensis | 85 | Χ | FACU | Prevalence Index = B/A = | | | |
| 2. Cirsium arvense | 10 | <u> </u> | FACU | Hydrophytic Vegetation Indicate | ors: | | |
| 3. Ambrosia artemisiifolia | 5 | | FACU | Rapid Test for Hydrophyt | ic Vegetat | tion | |
| 4. | | | | Dominance Test > 50% | | | |
| 5 | | | | Prevalence Index is ≤ 3.0 | j ¹ | | |
| 6 | | | | Morphological Adaptation | 1S1 (Provid | e supporting data ir | 1 |
| / | | | | Remarks or on a separat | e sheet) | n1 (Eveloie) | |
| o | | | | Problematic Hydrophytic | vegetation | n' (Explain) | |
| 9. 10 | | - <u> </u> | | ¹ Indicators of hydric soil and wetla | and hvdro | loav must be pres | ent. |
| | | | | unless disturbed or problematic | , | - 57 | , |
| | 100 | = Total Cover | | Hydrophytic | | | |
| Woody Vine Stratum (Plot size): 30-ft radius | | | | Vegetation | 3 | No 🗸 | |
| 9. | | | | Present? | | <u> </u> | |
| 10 | | | | 1 | | | |
| | | = Total Cover | | | | | |
| Remarks: (Include photo numbers here or on a set | parate shee | t.) | | 1 | | | |
| | | , | | | | | |

US Army Corps of Engineers

| Profile Des | | | | | | | | | Sam | pling Point: T | 3P7 | |
|--|--|---|---|---|---|--|--------------------------------------|--|--|--|--------------------------|--|
| Tronic Des | cription: Describ | e to the c | lepth needed to | document t | he indicator | or confirm th | he absence of | indicator | s.) | | | |
| Depth | Matrix | | | Redox F | eatures | | · – . | | | | | |
| (incres) | | 97 | | | Type' | LOC ² | Silty Clay | loom | Eill | Remark | S | |
| 2-4 | 10YR 4/3 | 100 | 1011(4/0 | | 0 | 101 | Silt Loam | LUam | Fill | | | |
| 4-6 | 10YR 4/1 | 97 | 10YR 4/6 | 3 | C | М | Silty Clay | Loam | Fill | | | |
| 6-8 | 10YR 4/3 | 100 | 1011(4/0 | | | | Silt Loam | Louin | Fill | | | |
| 8-16 | 10YR 4/1 | 95 | 10YR 4/6 | 5 | С | М | Silt Loam | | | | | |
| 16-24 | 10YR 4/3 | 95 | 10YR 5/6 | 5 | C | M | Silt Loam | | | | | |
| | | | | | | | · · | | | | | |
| ¹ Type: C=Cc | oncentration, D=De | pletion, RN | A=Reduced Matrix | , CS=Covered | d or Coated Sa | and Grains. 2 | ² Location: PL=F | Pore Lining, | M=Matrix | | | |
| Hydric Soil I | Indicators: | | | | | | Indicators | s for Proble | ematic Hydric | Soils ³ : | | |
| . <u> </u> | Histosol (A1) | • • • | | Sano | dy Gleyed mat | trix (S4) | | Coast Pra | airie Redox (A | A16) | | |
| | Histic Epipedon (| A2) | | Sano | dy Redox (S5) | | | Dark Surface (S7) | | | | |
| | Black Histic (A3) | () | | Strip | ped Matrix (Se | 6) | <u> </u> | Iron-Man | ganese Mass | ses (F12) | | |
| | Hydrogen Sulfide | (A4) | | Loar | my Mucky Min | eral (F1) | | Very Sha | llow Dark Sui | rface (TF12) | | |
| · | 2 om Muck (A10) | (A5) | X | Loar | my Gleyed Ma | (F2) | | Other (E) | piain in Rem | arks) | | |
| <u> </u> | 2 cm Muck (ATO) | Jork Surfac | <u>×</u> | Depi | leted matrix (F | ·3) | | 3Indicator | a of hydroph | utio vogotation | and | |
| | Thick Dark Surfa | ο (Δ12) | e (ATT) | Red | ox Dark Suriad | | | wotland k | s of flydrophy | st bo procont | l'allu | |
| | Sandy Mucky Mir | veral (S1) | | Depi | eled Dark Sur | | | | sturbod or pro | si de preseni, | | |
| | 5 cm Mucky Peat | .3) | Keu | ox Depression | is (1 0) | | uniess ui | sturbed of pro | blematic. | | | |
| · | o em Muerky i ea | | | | | | | | | | | |
| Restrictive L | ayer (if observed |): | | | | | | | | | | |
| Туре: | | - | | | | | | | | | | |
| Depth (in.) | | | | | | Hydric | Soil Present? | | Yes X | No | | |
| | | | | | | | | | | | | |
| Remarks: | | | | | | | | | | | | |
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| | CV | | | | | | | | | | | |
| Wetland Hy | drology Indicators | | | | | | | | | | | |
| Primary India | cators (minimum of | one is rea | uired: checked all | that apply) | | | | Second | arv Indicators | (minimum of ty | vo required) | |
| Su | urface water (A1) | | | Water O | tained Leaves | | | | fooo Soil Croc | (| | |
| Hig | ah Matar Tahla (A | | | water-5 | laineu Leaves | ; (B9) | | Su | lace Sull Clau | CKS (B6) | | |
| | gn water rable (A | 2) | - | Aquatic | Fauna (B13) | s (B9) | | Su Dra | ainage pattern | cks (B6) s (B10) | | |
| Sa | aturation (A3) | 2) | - | Aquatic | Fauna (B13) uatic Plants (B | ; (B9) 314) | | Su Dra Dry | ainage pattern: /-Season Wate | cks (B6) s (B10) er table (C2) | | |
| Sa Wa | aturation (A3) ater marks (B1) | 2) | - | Aquatic Aquatic True Aq Hydroge | Fauna (B13) uatic Plants (B en Sulfide Odo | ; (B9) 314) ir (C1) | | Su Dra Dry Cra | ainage patterns /-Season Wate ayfish Burrows | cks (B6) s (B10) er table (C2) s (C8) | | |
| Sa Wa Se | aturation (A3) ater marks (B1) ediment Deposits (I | 2) 32) | - | Aquatic True Aq Hydroge Oxidized | Fauna (B13) uatic Plants (B en Sulfide Odo d Rhizosphere | ; (B9) 314) ir (C1) s on Living roc | ots (C3) | Su Dra Dry Cra Sa | ainage patterns -Season Wate ayfish Burrows turation Visible | cks (B6) s (B10) er table (C2) s (C8) e on Aerial Ima | gery (C9) | |
| Sa Wa Se Dr | aturation (A3) ater marks (B1) ediment Deposits (I ift Deposits (B3) | 2) 32) | | Aquatic Aquatic True Aq Hydroge Oxidized Presenc | Fauna (B13) uatic Plants (B en Sulfide Odo d Rhizosphere e of Reduced | ; (B9) 314) r (C1) s on Living roc Iron (C4) | ots (C3) | Su Dra Cra Sa Stu | ainage patterns -Season Wate ayfish Burrows turation Visible inted or Stress | cks (B6) s (B10) er table (C2) s (C8) e on Aerial Ima sed Plants (D1) | gery (C9) | |
| Sa Wi Se Dr Alg | gn Water Table (A. aturation (A3) ater marks (B1) ediment Deposits (B ift Deposits (B3) gal Mat or Crust (B | 2) 32) 4) | - | Aquatic True Aq Hydroge Oxidized Presenc Recent I | Fauna (B13) uatic Plants (B en Sulfide Odo d Rhizosphere ee of Reduced Iron Reduction | s (B9) 314) s on Living roc Iron (C4) a in Tilled Soils | ots (C3) s (C6) | Su Dra Dra Cra Sa Stu Geo | Average Soli Crac ainage patterns -Season Wate ayfish Burrows turation Visible inted or Stress omorphic Pos | cks (B6) s (B10) er table (C2) s (C8) e on Aerial Ima sed Plants (D1) ition (D2) | gery (C9) | |
| Sa Wi Se Dr Alq Iro | gri valer Table (A. aturation (A3) ater marks (B1) ediment Deposits (I ift Deposits (B3) gal Mat or Crust (B on Deposits (B5) | 2) 32) 4) | | Aquatic True Aq Hydroge Oxidized Presenc Recent I | Fauna (B13) uatic Plants (E en Sulfide Odo d Rhizosphere e of Reduced Iron Reduction ck Surface (Ci | ; (B9) ar (C1) s on Living roc Iron (C4) a in Tilled Soils 7) | ots (C3) s (C6) | Su Dra Dry Cra Sa Sa Stu Ge FA | Accession Crack ainage patterns Season Wate ayfish Burrows turation Visible inted or Stress omorphic Posi C-Neutral Tes | cks (B6) s (B10) er table (C2) s (C8) e on Aerial Ima sed Plants (D1) ition (D2) t (D5) | gery (C9) | |
| Sa Wi Se Dr Alg Iro | gn Water Table (A. aturation (A3) ater marks (B1) adiment Deposits (I iff Deposits (B3) gal Mat or Crust (B on Deposits (B5) undation Visible on | 2) 32) 4) Aerial Ima | gery (B7) | Aquatic True Aq Hydroge Oxidized Presenc Recent I Thin Mu Gauge (7 | Fauna (B13) uatic Plants (E an Sulfide Odo d Rhizosphere: e of Reduced Iron Reduction ck Surface (C or Well Data (C | 5 (B9) 814) r (C1) s on Living roc Iron (C4) n in Tilled Soils 7) 99) | ots (C3) 5 (C6) | Su Dra Dry Cra Sa Stu Ge FA | Archite Soli Cial ainage patterns Season Wate ayfish Burrows turation Visible inted or Stress omorphic Posi C-Neutral Tes | cks (86) s (810) er table (C2) s (C8) e on Aerial Ima sed Plants (D1) ition (D2) t (D5) | gery (C9) | |
| Sa Se Se Dr Alg Iro Sp | gn Water Table (A. aturation (A3) ater marks (B1) bdiment Deposits (I iff Deposits (B3) gal Mat or Crust (B on Deposits (B5) undation Visible on parsely Vegetated (| 2) 32) 4) Aerial Ima Concave Si | gery (B7) urface (B8) | Aquatic True Aq Hydroge Oxidized Presenc Recent I Thin Mu Gauge c Other (E | Fauna (B13) uatic Plants (E en Sulfide Odo d Rhizosphere: e of Reduced Iron Reduction ck Surface (C or Well Data (E Explain in Rem | : (B9) r (C1) s on Living roc Iron (C4) n in Tilled Soils 7) 29) arks) | ots (C3) s (C6) | Su Dra Dry Cra Sa Sa Stu Ge FA | Accession Crack ainage patterns Season Wate ayfish Burrows turation Visible inted or Stress omorphic Posi C-Neutral Tes | cks (86) s (810) er table (C2) s (C8) e on Aerial Ima sed Plants (D1) ition (D2) t (D5) | gery (C9) | |
| Sa Se Dr Alg Iro Field Observ | gn Water Table (A. aturation (A3) ater marks (B1) adiment Deposits (B iff Deposits (B3) gal Mat or Crust (B on Deposits (B5) undation Visible on parsely Vegetated (vations: | 2) 32) 4) Aerial Ima Concave St | gery (B7) urface (B8) | Aquatic True Aq Hydroge Oxidized Presenc Recent I Thin Mu Gauge c Other (E | Fauna (B13) uatic Plants (E en Sulfide Odo d Rhizosphere: e of Reduced Iron Reduction ck Surface (C or Well Data (E Explain in Rem | s (B9) ar (C1) s on Living roc Iron (C4) a in Tilled Soils 7) 99) arks) | ots (C3) 5 (C6) | Su Dra Dra Cra Sa Sa Stu Ge FA | Accession Crack ainage patterns Season Wate ayfish Burrows turation Visible inted or Stress omorphic Posi C-Neutral Tes | cks (86) s (810) er table (C2) s (C8) e on Aerial Ima sed Plants (D1) ition (D2) t (D5) | gery (C9) | |
| Sa Wi Se Dr Alg Iro Field Observ Surface Wate | gn Water Table (A. aturation (A3) ater marks (B1) bdiment Deposits (B iff Deposits (B3) gal Mat or Crust (B on Deposits (B5) undation Visible on barsely Vegetated (vations: er Present? | 2) 32) 4) Aerial Ima Concave Si Yes | gery (B7) urface (B8) | Aquatic True Aq Hydroge Oxidized Presenc Recent I Thin Mu Gauge c Other (E | Fauna (B13) uatic Plants (B en Sulfide Odo d Rhizosphere: ee of Reduced Iron Reduction ck Surface (C or Well Data (C Explain in Rem | s (B9) s (C1) s on Living roc Iron (C4) n in Tilled Soils 7) 29) arks) | ots (C3) 5 (C6) | Su Dra Cra Sa Sa Stu FA | ainage pattern Season Watt ayfish Burrows turation Visible Inted or Stress omorphic Posi C-Neutral Tes | cks (86) s (810) er table (C2) s (C8) e on Aerial Ima sed Plants (D1) ition (D2) t (D5) | gery (C9) | |
| Field Obsern Surface Wate Water Table | gn Water Table (A. aturation (A3) ater marks (B1) bdiment Deposits (I iff Deposits (B3) gal Mat or Crust (B on Deposits (B5) undation Visible on parsely Vegetated (vations: er Present? Present? | 2) 32) 4) Aerial Ima Concave St Concave St Ves Yes | gery (B7) urface (B8) NoX | Aquatic True Aq Hydroge Oxidized Presence Recent I Thin Mu Gauge c Other (E Depths (inc Depths (inc | Saline Leaves (B13) uatic Plants (B en Sulfide Odo d Rhizosphere: te of Reduced Iron Reduction ck Surface (C or Well Data (C Explain in Rem Ches): | 5 (B9) 814) r (C1) s on Living roc Iron (C4) n in Tilled Soils 7) 99) arks) 24 | ots (C3) 5 (C6) | Su Dry Dry Cra Sa Stu Ge FA | -Season Wate ayfish Burrows turation Visible Inted or Stress omorphic Posi C-Neutral Tes | cks (86) s (810) er table (C2) e on Aerial Ima sed Plants (D1) ition (D2) t (D5) | gery (C9) | |
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| Project/Site: Midland Pointe | City/County | : Noblesville/ | Hamilton | Sampl | | 7/20/2022 |
|---|-------------------|----------------------|-------------------------|-------------|----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Sampl | e Point: | T3P8 |
| Investigator(s): Eric Ellingson, SPWS | Section: To | wnship, Range: | Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Depression | I | Local relief (concav | ve, 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, expl | ain in Rema | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly dis | turbed? Are | "Normal Circumstances" | " present? | Yes | X No |
| Are Vegetation, Soil, or Hydrology | naturally proble | ematic? (If ne | eeded, explain any ansv | vers in Rem | arks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | X X X | No No No | Is the Sampled Area Within a Wetland? | 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 <u>% Cover</u> | Dominant Species? | Indicator <u>Status</u> | Dominance Test worksheet: | | | |
|--|----------------------------|----------------------|----------------------------|--|---|--------------------------|-------|
| 1 | | | | Number of Dominant Species That are OBL, FACW or FAC: | | 2 | (A) |
| 3 | | | | Total Number of Dominant Species Across All Strata: | | 2 | (B) |
| 5 | | = Total Cover | | Percent of Dominant Species That are OBL, FACW, or FAC: | | 100.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius | | | | Prevalence Index worksheet: Total % Cover of: | | Multiply by: | |
| 2 | | | | | _ X1= | | _ |
| 3 | | | | | - x 2 = x 3 - x | | - |
| 5. | | | | FACU species | x 4 = | | - |
| | | Tatal Osuan | | UPL species | x 5 = | | _ |
| Lieth Christian (Dist size): 5 ft rodius | | = Total Cover | | Column Totolou | - (A) | | (D) |
| Herb Stratum (Piot size): 5-it radius | 20 | v | FAC | | (A) | | (D) |
| Pod platensis Leersia onzoides | 30 | <u> </u> | OBL | Hydrophytic Vegetation Indicator | ·e · | | |
| 3 Typha angustifolia | 10 | <u>_</u> | OBL | Rapid Test for Hydrophytic | J. Venetati | ion | |
| 4 Scirpus atrovirens | 10 | | OBL | X Dominance Test > 50% | vegetat | | |
| 5 Carex molesta | 10 | | FAC | Prevalence Index is < 3.01 | | | |
| 6. Cirsium arvense | 10 | | FACU | Morphological Adaptations | ¹ (Provide | e supporting data in | |
| 7. | | | - | Remarks or on a separate | sheet) | o oupporting data in | |
| 8. | | | | Problematic Hydrophytic V | egetation | n ¹ (Explain) | |
| 9. | | | | | 0 | (I) | |
| 10 | | | | ¹ Indicators of hydric soil and wetlan | d hydrol | ogy must be prese | ent, |
| | - | | - | unless disturbed or problematic. | | | |
| | 100 | = Total Cover | | Hydrophytic | | | |
| Woody Vine Stratum (Plot size): 30-ft radius | | - | | Vegetation | | No | |
| | | | | Present? | Х | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| | | = Total Cover | | | | | |
| | | <u>,</u> | | | | | |
| Remarks: (Include photo numbers here or on a sep | parate sheet | .) | | | | | |

US Army Corps of Engineers

| SOIL | | | | | | | | | Sampling Point: T3P8 |
|---------------|----------------------|-------------|-----------------------|----------------|------------------|------------------|---------------|----------------------------|-------------------------------------|
| Profile Des | cription: Describe | e to the d | epth needed to d | document t | he indicator o | or confirm th | ne absence o | f indicators.) | · · |
| Depth | Matrix | | | Redox F | eatures | 1.2 | - | 4 | Dere / |
| (inches) | | 100 | Color | % | Туре | LOC ² | Silty Clay | ture | Remarks |
| 7-13 | 10YR 4/1 | 95 | 10YR 4/6 | 5 | C | M | Silty Cla | v Loam | |
| 13-24 | 10YR 5/1 | 95 | 10YR 5/6 | 5 | <u> </u> | M | Silty Cla | v Loam | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | lation DM | - Roduced Metrix | CS-Covered | d or Cootod So | ad Craina 2 | Location: DL | Doro Lining M-N | Actrix |
| Hydric Soil I | ndicators: | | I=Reduced Matrix, | | J OF COALED SAI | | Indicator | s for Problemat | ic Hydric Soils ³ : |
| | Histosol (A1) | | | San | dy Gleyed matr | ix (S4) | | Coast Prairie | Redox (A16) |
| | Histic Epipedon (A | 2) | | San | dy Redox (S5) | | | Dark Surface | (S7) |
| | Black Histic (A3) | | | Strip | oped Matrix (S6 |) | | Iron-Mangane | ese Masses (F12) |
| | Hydrogen Sulfide | (A4) | | Loar | my Mucky Mine | ral (F1) | | Very Shallow | Dark Surface (TF12) |
| | 2 cm Muck (A10) | 45) | X | Loar | my Gleyed Mati | rix (F2) 8) | | Other (Explain | n in Remarks) |
| X | Depleted Below D | ark Surfac | e (A11) | Dep Red | ox Dark Surface | 9) e (F6) | | ³ Indicators of | hydrophytic vegetation and |
| | Thick Dark Surfac | e (A12) | | Dep | leted Dark Surf | ace (F7) | | wetland hydro | plogy must be present, |
| | Sandy Mucky Mine | eral (S1) | | Red | ox Depressions | s (F8) | | unless disturb | bed or problematic. |
| | 5 cm Mucky Peat | or Peat (S | 3) | | | | | | |
| Destrict | (if -1 ** | | | | | | | | |
| Restrictive L | ayer (if observed) | | | | | | | | |
| Depth (in) | | | | | | Hydric | Soil Present? | Yes | X No |
| Doput (iii.) | | | | | | ingano | | 100 | |
| Remarks: | | | | | | • | | | |
| | | | | | | | | | |
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| | | | | | | | | | |
| HYDROLO | GY | | | | | | | | |
| Wetland Hyd | drology Indicators | | | | | | | | |
| Primary Indic | ators (minimum of o | one is requ | uired; checked all th | nat apply) | | (5.0) | | Secondary In | ndicators (minimum of two required) |
| Su | rface water (A1) | | | Water-S | Stained Leaves | (B9) | | Surface | e Soil Cracks (B6) |
| Sa | turation (A3) | , | | True Ag | uatic Plants (B1 | 14) | | Drainag | ason Water table (C2) |
| Wa | ater marks (B1) | | | Hydroge | en Sulfide Odor | (C1) | | Crayfish | h Burrows (C8) |
| Se | diment Deposits (B | 2) | | Oxidized | d Rhizospheres | on Living roo | ots (C3) | Saturati | ion Visible on Aerial Imagery (C9) |
| Dr | ift Deposits (B3) | | | Presenc | e of Reduced I | ron (C4) | (| Stunted | l or Stressed Plants (D1) |
| Alg | gal Mat or Crust (B4 | .) | | Recent | Iron Reduction | in Tilled Soils | (C6) | | rphic Position (D2) |
| | Indation Visible on | Aerial Ima | nerv (B7) | Gauge o | or Well Data (D |) 9) | | <u> </u> | eurar rest (D3) |
| Sp | arsely Vegetated C | oncave Su | urface (B8) | Other (E | Explain in Rema | urks) | | | |
| | , , | | | | | • | | | |
| Field Observ | vations: | | | | | | | | |
| Surface Wate | er Present? | Yes _ | | Depths (inc | ches): | 4 | | | |
| Saturation Pr | resent? | Yes _ | | Depths (inc | ches): >2 | 4 | Wetlan | d Hydrology Pre | esent? Yes X No |
| (includes cap | illary fringe) | | | Boptilo (inc | <u></u> | <u> </u> | Totlan | a nyalology i n | |
| | | | | | | | | | |
| Describe Red | corded Data (Stream | n gauge, r | nonitoring well, aeri | ial photos, pr | revious inspecti | ons), if availa | ble: | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Remarks: | | | | | | | | | |
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| Project/Site: Midland Pointe | City/Count | ty: Noblesville/ | / Hamilton | Sampl | e Date: | 7/20/2022 |
|---|------------------|---------------------|--------------------------|------------|----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Sampl | e Point: | T3P9 |
| Investigator(s): Eric Ellingson, SPWS | Section: T | ownship, Range: | Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (conca | ave, 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, expla | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly di | sturbed? Are | "Normal Circumstances | present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally probl | lematic? (If n | needed, explain any answ | ers in Rem | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | No No No | X X X | Is the Sampled Area Within a Wetland? | Yes | No | X | |
|---|-------------------|----------------|-------------|--|-----|--------|---|--|
| Remarks: Upland forest, north of a | ı bike pat | h | | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute % Cover | Dominant Species? | Indicator Status | Dominance Test worksheet: | | | |
|--|---------------------|----------------------|---------------------|--|---------------------|----------------------|-------|
| 1. Juglans nigra | 35 | X | FACU | Number of Dominant Species | | | |
| 2. Celtis occidentalis | 15 | X | FAC | That are OBL. FACW or FAC: | | 2 | (A) |
| 3. Acer saccharinum | 15 | X | FACW | Total Number of Dominant | | | - |
| 4. | | | | Species Across All Strata: | | 6 | (B) |
| 5. | | | | Demonst of Demoissant Oracian | | | - |
| | 65 | - Total Cover | | That are OBL EACW or EAC | | 33.3% | (A/B) |
| | | | | | | 00.070 | |
| Sapling/Shrub Stratum (Plot size): 15-ft radius | | | | Prevalence Index worksheet: | | | |
| 1. Lonicera tatarica | 30 | Х | FACU | Total % Cover of: | | Multiply by: | |
| 2. Rubus allegheniensis | 5 | | FACU | OBL species | x 1 = | | |
| 3. | | | | FACW species | x 2 = | | _ |
| 4. | | | - | FAC species | x 3 = | | _ |
| 5. | | | - | FACU species | x 4 = | | _ |
| | 25 | Total Cover | | UPL species | x 5 = | | _ |
| Lierh Ctrature (Distaize), 5 ft radius | 35 | | | Column Totolou | (4) | | (D) |
| Herb Stratum (Plot size): 5-it radius | 50 | × | FACU | | (A) | | (D) |
| | 25 | <u> </u> | FACU | Prevalence Index = B/A = | | | |
| 2. Circaea cariaderisis | | | FACU | Basid Test for Ludrenbut | Л 5: ia \/agatat | ion | |
| 5. Packela aurea | <u> </u> | | EAC | Rapid Test for Hydrophyt | ic vegetat | ION | |
| 4. Cryptotaerila carladerisis | 5 | | EACW/ | Dominance Test > 50% | 4 | | |
| 5. Impatiens caperisis | 5 | | FACIL | $\frac{1}{10000000000000000000000000000000000$ | 4 (| | |
| | | | 1400 | Norphological Adaptation | IS' (Provia) | e supporting data ir | 1 |
| 8 | | | | Problematic Hydrophytic | Vogotation | al (Evolain) | |
| 8 | | | | | vegetation | i' (Explain) | |
| 9 | | | | Indicators of hydric soil and wotla | nd hydrol | oay must be pres | ont |
| 10 | | | | | | ogy must be prese | 5111, |
| | 400 | T () O | | uniess disturbed or problematic. | | | |
| March Mire Other trans (Dist size) 20 th resting | 100 | = Total Cover | | Hydrophytic | | | |
| <u>vvoody vine Stratum</u> (Piot size): 30-ft radius | | | | Procent? Yes | ; | No _v | |
| 9 | | | | Flesent | | X | |
| 10 | | | | 1 | | | |
| | | - Total Cover | | 1 | | | |
| | | | | | | | |
| Remarks: (Include photo numbers here or on a ser | parate sheet |) | | 1 | | | |
| | | , | | | | | |

| SOIL | | | | | | | | Sa | mpling Point: T3 | P9 |
|-------------------------|-------------------------|--------------|-----------------------|----------------|-----------------|------------------|--------------------|--------------------|---|-----------|
| Profile Desc | cription: Describ | e to the d | epth needed to a | document t | he indicator of | or confirm th | ne absence of indi | cators.) | | |
| Depth (inchos) | Matrix Color (moint) | 0/ | Color | Redox Fe | eatures | 1.002 | Toyturo | | Bomorko | |
| (inches) | | 100 | Color | | Туре | LOC ² | Silty Clay Loa | <u> </u> | Remarks | |
| 6-11 | 10YR 4/2 | 100 | | · | | | Silty Clay Loa | m | | |
| 11-24 | 10YR 5/2 | 95 | 10YR 5/6 | 5 | C | M | Silty Clay Loa | m | | |
| 11 27 | 1011(0/2 | | 1011(0/0 | | | | | <u> </u> | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| ¹ Type: C=Co | ncentration, D=Dep | pletion, RM | =Reduced Matrix, | CS=Covered | or Coated Sa | nd Grains. 2 | Location: PL=Pore | Lining, M=Matrix | | |
| Hydric Soil I | ndicators: | | | - | | | Indicators for | Problematic Hydr | ic Soils ³ : | |
| | Histosol (A1) | 101 | | Sano | dy Gleyed matr | ix (S4) | Coa | ast Prairie Redox | (A16) | |
| <u> </u> | Black Histic (A3) | 4Z) | | Sand | by Redox (SS) | • | Dai | K Sullace (S7) | COC (E12) | |
| | Hydrogen Sulfide | (A4) | | Loar | ny Mucky Mine | nal (E1) | Vei | v Shallow Dark S | urface (TF12) | |
| | Stratified Lavers (| () () A5) | | Loar | ny Gleved Mat | rix (F2) | Oth | er (Explain in Re | marks) | |
| | 2 cm Muck (A10) | - / | | Depl | eted matrix (F: | 3) | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| | Depleted Below D | ark Surfac | e (A11) | Rede | ox Dark Surfac | e (F6) | ³ Inc | dicators of hydrop | hytic vegetation a | and |
| | Thick Dark Surfac | e (A12) | | Depl | eted Dark Surf | ace (F7) | wet | land hydrology m | ust be present, | |
| | Sandy Mucky Min | eral (S1) | | Rede | ox Depressions | s (F8) | unl | ess disturbed or p | oroblematic. | |
| | 5 cm Mucky Peat | or Peat (S | 3) | | | | | | | |
| . | | | | | | | | | | |
| Restrictive L | ayer (if observed) |): | | | | | | | | |
| Type: | | | | | | Hydria | Sail Bracant? | Vee | No | × |
| Depth (In.) | | | | | | пуалс | Soli Present? | res | | <u> </u> |
| Remarks: | | | | | | | | | | |
| rtomanto. | | | | | | | | | | |
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| HYDROLO | GY | | | | | | | | | |
| Wetland Hyd | Irology Indicators | : | | | | | | | | |
| Primary Indic | ators (minimum of | one is requ | lired; checked all tr | hat apply) | tained Leaves | (P0) | | econdary Indicator | s (minimum of two | required) |
| Su Hic | nace water (AT) |) | _ | | Eauna (B13) | (БЭ) | | Surface Soli Ci | acks (D0) | |
| Sa | turation (A3) |) | _ | True Ag | uatic Plants (B | 14) | | Drv-Season Wa | ater table (C2) | |
| Wa | ater marks (B1) | | — | Hydroge | n Sulfide Odor | (C1) | | Crayfish Burrov | vs (C8) | |
| Se | diment Deposits (B | 2) | — | Oxidized | Rhizospheres | on Living roo | ots (C3) | Saturation Visit | ole on Aerial Image | ery (C9) |
| Dri | ft Deposits (B3) | , | | Presenc | e of Reduced I | ron (C4) | | Stunted or Stre | ssed Plants (D1) | |
| Alg | al Mat or Crust (B4 | 4) | | Recent I | ron Reduction | in Tilled Soils | (C6) | Geomorphic Po | osition (D2) | |
| Iro | n Deposits (B5) | | _ | Thin Mu | ck Surface (C7 |) | | FAC-Neutral Te | est (D5) | |
| Inu | Indation Visible on | Aerial Imag | gery (B7) | Gauge c | or Well Data (D | 9) | | | | |
| Sp | arsely Vegetated C | oncave Su | Irface (B8) | Other (E | xplain in Rema | arks) | | | | |
| Field Observ | otiona | | | | | | | | | |
| Surface Wate | allons. ar Present? | Yes | No X | Denths (inc | hes). | | | | | |
| Water Table | Present? | Yes | | Depths (inc | hes): >2 | 4 | | | | |
| Saturation Pr | esent? | Yes | No X | Depths (inc | hes): >2 | 4 | Wetland Hyd | Irology Present? | Yes | No X |
| (includes cap | illary fringe) | | | | · | | - | •• | | |
| | | | | | | | | | | |
| Describe Rec | orded Data (Strear | n gauge, n | nonitoring well, aer | ial photos, pr | evious inspect | ions), if availa | ble: | | | |
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| Remarks: | | | | | | | | | | |
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| Project/Site: Midland Pointe | City/Coun | ty: Noblesvill | le/ Hamilton | Sampl | le Date: | 7/20/2022 |
|---|-----------------|-------------------|----------------------------|------------|-----------|-----------|
| Applicant/Owner: Secure Holdings, LLC | | | State: IN | Sampl | le Point: | T3P10 |
| Investigator(s): Eric Ellingson, SPWS | Section: T | ownship, Range: | Sec 3, T18N, R4E | | | |
| Landform (hillslope, terrace, etc.): Plain | | Local relief (con | icave, 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, expla | ain in Rem | arks.) | |
| Are Vegetation, Soil, or Hydrology | significantly d | isturbed? A | re "Normal Circumstances" | present? | Yes | X No |
| Are Vegetation , Soil , or Hydrology | naturally prob | lematic? (If | f needed, explain any answ | ers in Rem | narks.) | |

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes Yes Yes | No No No | X X X | Is the Sampled Area Within a Wetland? | Yes | No | X | |
|---|-------------------|----------------|-------------|--|-----|--------|---|--|
| Remarks: Upland old field | | | | | | | | |

Vegetation – Use scientific names of plants.

| Tree Stratum (Plot size): 30-ft radius | Absolute <u>% Cover</u> | Dominant <u>Species?</u> | Indicator <u>Status</u> | Dominance Test works | sheet: | | |
|--|----------------------------|---------------------------------------|----------------------------|--|-----------------------------------|----------------------|-------|
| 1 | | | | Number of Dominant Spe That are OBL, FACW or F | FAC: | 0 | (A) |
| 3 | | | | Total Number of Dominar Species Across All Strata | nt : | 4 | (B) |
| 5 | | = Total Cover | | Percent of Dominant Spe That are OBL, FACW, or | cies FAC: | 0.0% | (A/B) |
| Sapling/Shrub Stratum (Plot size): 15-ft radius 1. Juglans nigra | 5 | <u> </u> | FACU | Prevalence Index work Total % Cover of | ksheet: ^{of:} | Multiply by: | |
| 2. Pyrus calleryana | 5 | <u> </u> | UPL | FACW species | x 1 = x 2 = | | - |
| 4. | | · · · · · · · · · · · · · · · · · · · | | FAC species | x 3 = | | - |
| 5. | | | | FACU species | x 4 = | | _ |
| | 10 | = Total Cover | | UPL species | x 5 = | | |
| Herb Stratum (Plot size): 5-ft radius | | | | Column Totals: | (A) | - | — (B) |
| 1. Schedonorus arundinaceus | 65 | Х | FACU | Prevalence Index | c = B/A = | | |
| 2. Plantago lanceolata | 20 | <u>X</u> | FACU | Hydrophytic Vegetatio | on Indicators: | | |
| 3. Cirsium arvense | 10 | | FACU | Rapid Test for | Hydrophytic Vegetati | on | |
| 4. Daucus carota | 5 | | UPL | Dominance Te | est > 50% | | |
| 5 | | · | | Prevalence Inc | dex is ≤ 3.0 ¹ | | |
| 6. 7 | | | | Morphological Bomarka ar ar | Adaptations ¹ (Provide | e supporting data in | í. |
| 8 | | · <u> </u> | | Problematic H | vdrophytic Vegetation | 1 (Evolain) | |
| 9 | | · · · · · · · · · · · · · · · · · · · | | TODIematic H | yurophytic vegetation | | |
| 10 | | · · · · · · · · · · · · · · · · · · · | | ¹ Indicators of hvdric soil | and wetland hydrol | oav must be prese | ent. |
| | | · · · · · · · · · · · · · · · · · · · | | unless disturbed or prob | olematic | - 57 | , |
| Woody Vine Stratum (Plot size): 30-ft radius | 100 | _ = Total Cover | | Hydrophytic Vegetation | Yes | No | |
| | | | | Present? | | X | |
| 9 | | | | - | | | |
| <u> </u> | | = Total Cover | | - | | | |
| Remarks: (Include photo numbers here or on a sep | arate sheet | i.) | | 1 | | | |

| SOIL | | | | | | | | San | npling Point: T3F | P10 |
|-------------------------|---------------------|---------------|-----------------------|------------------|------------------------------|--------------------------|---------------------|--------------------|------------------------|-----------|
| Profile Desc | cription: Describ | e to the de | pth needed to d | ocument the | indicator or o | confirm the ab | osence of indic | ators.) | | |
| Depth | Matrix | | | Redox Featu | ures | | | | | |
| (inches) | Color (moist) | <u>%</u> | Color | % | Турет | LOC ² | l exture | | Remarks | |
| 0-6 | 10YR 4/3 | 100 | | | <u> </u> | | Silt Loam | | | |
| 6-12 | 10YR 4/4 | 100 | | | <u> </u> | | Silt Loam | | | |
| 12-24 | 10YR 5/4 | | | | <u> </u> | | Silt Loam | | | |
| | | | | | <u> </u> | | | | | |
| | | | | <u> </u> | | · | | | | |
| | | | | <u> </u> | | · | | | | |
| ¹ Type: C=Co | ncentration D=De | nletion RM= | Reduced Matrix (| CS=Covered or | Coated Sand | Grains ² Loca | ation: PI =Pore I i | ning M=Matrix | | |
| Hvdric Soil I | ndicators: | pieden, ran | rieddood maini, i | | eculou cunu | | Indicators for P | roblematic Hvdri | c Soils ³ : | |
| | Histosol (A1) | | | Sandv (| Gleved matrix (| S4) | Coas | t Prairie Redox (| A16) | |
| | Histic Epipedon (A | A2) | | Sandy F | Redox (S5) | _ / | Dark | Surface (S7) | , | |
| | Black Histic (A3) | | | Stripped | d Matrix (S6) | | Iron- | Manganese Mas | ses (F12) | |
| | Hydrogen Sulfide | (A4) | | Loamy I | Mucky Mineral | (F1) | Very | Shallow Dark Su | Irface (TF12) | |
| | Stratified Layers | (A5) | | Loamy | Gleyed Matrix | (F2) | Othe | r (Explain in Rem | narks) | |
| | 2 cm Muck (A10) | | | Deplete | d matrix (F3) | | | | | |
| | Depleted Below D | Dark Surface | (A11) | Redox [| Dark Surface (I | -6) | ³ Indi | cators of hydroph | ytic vegetation a | ind |
| | Thick Dark Surface | ce (A12) | | Deplete | d Dark Surface | e (F7) | wetla | and hydrology mu | ist be present, | |
| | Sandy Mucky Mir | neral (S1) | | Redox [| Depressions (F | 8) | unles | ss disturbed or pr | oblematic. | |
| | 5 cm Mucky Peat | or Peat (S3) | | | | | | | | |
| | | | | | | | | | | |
| Restrictive L | ayer (if observed. |): | | | | | | | | |
| Type: | | | | _ | | | B | N/ | NI- | V |
| Depth (in.) | | | | | | Hydric Soll | Present? | Yes | No | <u>X</u> |
| Pomarke: | | | | | | 1 | | | | |
| Remarks. | | | | | | | | | | |
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| - | | | | | | | | | | |
| HYDROLO | GY | | | | | | | | | |
| Wetland Hyd | Irology Indicators | S: | | | | | | | | |
| Primary Indic | ators (minimum of | one is requir | ed; checked all the | at apply) | | | Sec | condary Indicators | (minimum of two | required) |
| Su | rface water (A1) | 2) | | Water-Stain | ied Leaves (BS |) | | Surface Soil Cra | CKS (B6) | |
| | In vvater Table (A2 | 2) | <u> </u> | Aquatic Fat | ina (B13) io Plante (B14) | | | Drainage pattern | (B10) | |
| 3a | ater marks (B1) | | | Hydrogen S | Sulfide Odor (C | 1) | | Cravfish Burrow | (C8) | |
| Se | diment Deposits (F | 32) | | Oxidized Rh | hizospheres on | Living roots (C | .3) | Saturation Visibl | e on Aerial Image | rv (C9) |
| Dri | ift Deposits (B3) | 52) | _ | Presence of | f Reduced Iron | (C4) | | Stunted or Stres | sed Plants (D1) | ., (00) |
| Alc | al Mat or Crust (B | 4) | | Recent Iron | Reduction in 7 | Filled Soils (C6) | | Geomorphic Pos | sition (D2) | |
| Iro | n Deposits (B5) | , | | Thin Muck S | Surface (C7) | | | FAC-Neutral Tes | st (D5) | |
| Inu | Indation Visible on | Aerial Image | ery (B7) | Gauge or W | /ell Data (D9) | | | | | |
| Sp | arsely Vegetated C | Concave Sur | face (B8) | Other (Expl | ain in Remarks | 5) | | | | |
| - | | | | | | | 1 | | | |
| Field Observ | /ations: | ., | | | | | | | | |
| Surface Wate | er Present? | Yes | | Depths (inches | s): | | | | | |
| Soturation Pr | Present? | Yes | | Depths (inches | 5): >24 | | Wotland Hydr | ology Procent? | Voc N | |
| (includes cap | illary fringe) | 165 | | Deptits (inches | 5). <u>>24</u> | | wettand Hyun | ology Fresents | | |
| (included dap | mary milgo) | | | | | | | | | |
| Describe Rec | corded Data (Strea | m gauge, mo | onitoring well, aeria | al photos, previ | ous inspection | s), if available: | • | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Remarks: | | | | | | | | | | |
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APPENDIX B SITE PHOTOGRAPHS

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



2. View east from data point T1P2.





4. View north at data point T1P4.

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



6. View west at data point T2P2.

8. View south at data point T2P4.

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



10. View south at data point T2P6.



11. View east from data point T2P7.



12. View south from data point T2P8.

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





15. View south towards data point T3P4.



16. View west from data point T3P5.

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

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





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



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



20. View south towards culvert under Midland Trace Trail.





22. View north from data point T3P10.

APPENDIX C

"TYPICAL YEAR" PRECIPITATION DATA



| P H₂O Balance | Dry Season | Result | | | | | | | | Drier | than Normal - 7 |
|---------------|-------------------------------|--------|-------------------|--------------|---------|----------------|---------------|-------------|-------------------|-------------|-----------------|
| | | Wea | ther Station Name | Coord | linates | Elevation (ft) | Distance (mi) | Elevation Δ | Weighted A | Days Normal | Days Antecedent |
| | | | CASTLETON 2 S | 39.88, -86 | 6.0514 | 824.147 | 11.181 | 0.043 | 5.032 | 8232 | 90 |
| OPS OF | Figure and tables made by the | IND | ANAPOLIS 10.0 NE | 39.8807, -86 | 5.0392 | 836.942 | 0.649 | 12.795 | 0.3 | 1 | 0 |
| T CONTROL FAC | Antecedent Precipitation Tool | INI | DIANAPOLIS 9.5 NE | 39.8926, -86 | 5.0824 | 771.982 | 1.86 | 52.165 | 0.934 | 14 | 0 |
| | Version 1.0 | INDIA | NAPOLIS 11.7 NNE | 39.9232, -86 | 5.0619 | 788.058 | 3.036 | 36.089 | 1.476 | 2 | 0 |
| | | IND | ANAPOLIS 12.6 NE | 39.9041, -85 | 5.9996 | 837.927 | 3.211 | 13.78 | 1.489 | 1 | 0 |
| | | OAKLA | NDON GEIST RSVR | 39.9, -85 | 5.9833 | 794.948 | 3.866 | 29.199 | 1.853 | 2872 | 0 |
| | | | CARMEL 3 E | 39.9617, -86 | 6.0586 | 751.969 | 5.658 | 72.178 | 2.954 | 90 | 0 |
| S 15 | Written by Jason Deters | | FISHERS 2 N | 39.9844, -86 | 5.0203 | 799.869 | 7.399 | 24.278 | 3.509 | 126 | 0 |
| GULATORY PROG | U.S. Army Corps of Engineers | | NOBLESVILLE 3 W | 40.0383, -86 | 5.0711 | 827.1 | 10.987 | 2.953 | 4.977 | 14 | 0 |
| | elervinity corps of Engineers | IND | ANAPOLIS SE SIDE | 39.7164, -86 | 5.0678 | 845.144 | 11.337 | 20.997 | 5.34 | 1 | 0 |

DELINEATION GRAPHICS

| REGIONAL LOCATION MAP | M1 |
|---------------------------------|----|
| PROJECT LOCATION MAP | M2 |
| NATIONAL WETLANDS INVENTORY MAP | М3 |
| HAMILTON COUNTY SOIL SURVEY MAP | M4 |
| 2020 AERIAL PHOTOGRAPH MAP | M5 |
| WETLAND DELINEATION MAP | M6 |
| DATA POINT LOCATION MAP | M7 |



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



| Floject Name. | | Sidie. | | County. | | | |
|---|--|------------------------------------|---|---|----------------------------|--|--|
| MIDLAND POINTE | PROJECT LOCATION MAP | | NDIANA | H | AMILTON | | |
| Agent: | 0 2,000 FT 4,000 FT 4,000 FT | Township | p Name: NOBL | ESVILL | E | | |
| | Scale 1 IN = 2,000 FT | Township T1 | p: Range: I8N R4 | 4E | Section: SEC 3 | | |
| Larch Source IC 14921 Hand Road, Fort Wayne, IN 46818 | Applicant: | Quadran | | | | | |
| • (260) 489-8511 Fax (260) 489-8607 | SECURE HOLDINGS, LLC 9000 KEYSTONE CROSSING, SUITE 660 | Latitude/ | Latitude/Longitude (WGS 84): | | | | |
| | INDIANAPOLIS, INDIANA 46240 | Date: 9 |)-27-2022 | Attachme | ent: M2 | | |
| 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 | Quadran Latitude/ Date: 9 | gle: NOBLES Longitude (WGS 84) 40.041740°, | +E VILLE (): -86.06 Attachme | IN) 8455° ent: 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.



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/.



| An | olicant [.] |
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| ' 'P | phount. |

rth·Source Inc

14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607

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

| NOBLEOVILLE | | | | | | | | | | |
|----------------------|--------------|----------|--|--|--|--|--|--|--|--|
| Township: | Range: | Section: | | | | | | | | |
| T18N | R4E | SEC 3 | | | | | | | | |
| Quadrangle: | | | | | | | | | | |
| NOBLESVILLE (IN) | | | | | | | | | | |
| Latitude/Longitude (| (WGS 84): | | | | | | | | | |
| 40.04 | 1740°, -86. | 068455° | | | | | | | | |
| Date: | Attac | hment: | | | | | | | | |
| 9-27-202 | 9-27-2022 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 | 2020 AERIAL PHOTOGRAPH MAP | State: INDIAN | 4 | County: H | AMILTON |
|---|--|---|--------------|--------------|-------------------|
| Agent: | 0 250 FT 500 FT | Township Name: | NOBLE | ESVILL | E |
| | Scale 1 IN = 250 FT | Township: T18N | Range: R4 | ŀΕ | Section: SEC 3 |
| Earch Source Inc. 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607 | Applicant: SECURE HOLDINGS LLC | Quadrangle: NOBLESVILLE (IN) | | | |
| | 9000 KEYSTONE CROSSING, SUITE 660 INDIANAPOLIS, INDIANA 46240 | Latitude/Longitude (WGS 84): 40.041740°, -86.068455° | | | |
| | | Date: 9-27-202 | 22 | Attachm | ent: M5 |

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



| Project Name: MIDLAND POINTE | $\left(\right)$ | WETLAND DELINEATION MAP | State: INDIAN | 4 | County: H | AMILTON | |
|--|------------------|-----------------------------------|--|-------|--------------|----------------|--|
| Agent: | | 0 250 FT 500 FT | Township Name: | NOBLE | SVILL | .E Section: | |
| | | Scale 1 IN = 250 FT | T18N | R4 | E | SEC 3 | |
| Earch Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 499 8511 Ery (260) 499 8607 | | Applicant: | Quadrangle: NOBLESVILLE (IN) | | | | |
| 11 Fax (200) 469-0007 | | 9000 KEYSTONE CROSSING, SUITE 660 | Latitude/Longitude (WGS 84): 40.041740° -86.068455° | | | | |
| | | | Date: 9-27-202 | 22 | Attachm | ent: M6 | |

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



| Project Name: MIDLAND POINTE | DATA POINT LOCATION MAP | State: INDIANA | County | | | |
|--|------------------------------------|-------------------|--------------|-------------|--|--|
| Agent: | 0 250 FT 500 FT | Township Name: | | LE | | |
| | Scale 1 IN = 250 FT | T18N | R4E | SEC 3 | | |
| Image: Weight of the second | Applicant: SECURE HOLDINGS, LLC | NOBLESVILLE (IN) | | | | |
| | INDIANAPOLIS, INDIANA 46240 | 40.04 | 1740°, -86.0 | -86.068455° | | |
| | | 9-27-202 | 2 Attach | M7 | | |

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

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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