Exhibit C Wetland and Waterbody Delineation Report

Cardno

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Wetland and Waterbody Delineation Report

Pleasant Prairie Solar Energy Project

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Acronyms

CWA	Clean Water Act
DOW	Division of Wildlife
EWH	Possible Exceptional Warm Water Habitat
FAC	Facultative Plants
FACU	Facultative Upland Plants
FACW	Facultative Wetland Plants
FLS	federally listed species
GIS	Geographic Information Systems
GPS	Global Positioning System
HDD	horizontal directional drill
HHEI	Headwater Habitat Evaluation Index
HUC	Hydrologic Unit Code
JD	Jurisdictional Determination
LRW	Limited Resource Water
MWH	Modified Warm Water Habitat
NHD	National Hydrography Dataset
NLCD	National Land Cover Database

NRCS	National Resource Conservation Service
NWI	National Wetlands Inventory
OBL	Obligate Wetland Plants
ODNR	Ohio Department of Natural Resources
OEPA	Ohio Environmental Protection Agency
OHWM	Ordinary High Water Mark
ORAM	Ohio Rapid Assessment Method
ORC	Ohio Revised Code
OWI	Ohio Wetland Inventory
PFO	palustrine forested
PEM	palustrine emergent
PSS	palustrine scrub shrub
Project	Yellow Wood Solar Energy
QHEI	Qualitative Habitat Evaluation Index
RTE	rare, threatened, or endangered
SBAS	Satellite-based Augmentation System
UPL	Obligate Upland Plants
USACE	United State Army Corps of Engineers
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
WQC	Water Quality Certifications
WOTUS	Waters of the United States
WWH	Warm Water Habitat

1 Introduction

Pleasant Prairie Solar Energy LLC is proposing to construct the Pleasant Prairie Solar Energy Project (Project) near Galloway, Ohio, and located approximately 10 miles east of Columbus, Ohio. The Project has a proposed generating capacity of up to 250 megawatts and is sited on approximately 2,352 acres (3.68 square miles) of leased private lands and easements easement(s) (Project Area). The Project Area is located within Pleasant and Prairie Townships, Franklin County, Ohio.

In support of planning for the Project, Cardno conducted a wetland delineation field survey to identify wetland or potential waterbodies of the United States, in accordance with Sections 401/404 of the Clean Water Act (CWA). Cardno's field efforts focused on accessible parcels across a broad area, totaling approximately 2,322 acres on 86 leased parcels (Survey Area). Approximately 16.6 acres of woodlots were intentionally omitted from the Survey Area because general Project siting aims to avoid these woodlots. Approximately 12.6 acres of easement parcels were not acquired at the time of survey and will be incorporated into future subsequent surveys. This report will be updated to reflects any future surveys. Figure 1-1 shows the general location of the Project and the areas surveyed.

The Project will consist of photovoltaic panels (solar arrays), along with access roads, electrical collection lines, laydown areas, and supporting infrastructure.

This report describes the methodology used by Cardno to complete the desktop assessment of the Project Area and results of the field survey within the Survey Area. Specifically, Section 2 of the report identifies the regulatory framework and methodology referenced during survey planning and execution. Section 3 describes the Project-specific methodology used during the identification of wetlands and surface waters within the Survey Area. Section 4 of the report outlines the findings of the desktop assessment of the Survey Area. Section 5 identifies the results of the field surveys. Section 6 presents the conclusions of the delineation and site survey. Section 7 provides a list of references cited in this report.

The report is accompanied by several appendices. Appendix A contains maps depicting the delineated wetlands and waterbodies. Appendix B contains representative photographic documentation of the delineated wetland and waterbody features. Appendix C contains the completed wetland data and assessment forms from the field efforts. Appendix D contains the completed stream assessment forms.



2 Regulatory Background

2.1 Regulatory Framework

2.1.1 U.S. Army Corps of Engineers

The USACE has authority over the discharge of fill or dredged material into "waters of the U.S.". This includes authority over any filling, mechanical land clearing, or construction activities that occur within the boundaries of any "waters of the U.S.". A permit must be obtained from the USACE before any of these activities occur. Permits can be divided into two general categories: Individual Permits and Nationwide Permits.

Individual Permits are required for projects that do not fall into one of the specific Nationwide Permits or are deemed to have significant environmental impacts. These permits are more difficult to obtain and receive a higher level of regulatory agency and public scrutiny and may require several months to more than a year for processing.

Nationwide Permits have been developed for projects that meet specific criteria and are deemed to have minimal impact on the aquatic environment. There are currently 52 Nationwide Permits for qualifying activities with 31 Nationwide Permit General Conditions that must be satisfied in order to receive NWP consideration from the USACE. The USACE has thirty days to review the submitted pre-construction notification (PCN) for completion. Assuming the PCN is complete and satisfactory information is submitted with the NWP application to conduct interagency coordination, the USACE has 45 days to issue the NWP verification letter with applicable special conditions. Work may proceed subject to the general, regional and special conditions of the NWP. If (1) NWP verification is not received within 45 days of receipt of a complete PCN, and (2) the NWP being utilized is not NWPs 21, 49 or 50, and (3) the activity does not require a written waiver to exceed specified limits of a NWP; then work may proceed under authority of the NWP.

2.1.1.1 Jurisdictional Determination

While Cardno cannot formally determine the jurisdictional status of a waterbody or wetland, Cardno has identified features it considers potentially jurisdictional. Any determination made by the USACE would be binding however, and may vary from Cardno's interpretation. Our interpretation is made based on available documentation from the U.S. Environmental Protection Agency (USEPA), including guidance on the "Current Implementation of Waters of the United States"¹ (WOTUS) which refers to the original 1986/1988 promulgation and subsequent Supreme Court cases which further defined the term, with the most current being the June 2020 ruling. The 2020 ruling simplified the definition of Waters of the U.S., and jurisdictionality to mean:

- 1. The territorial seas and traditional navigable waters;
- 2. Perennial and intermittent tributaries to those waters;
- 3. Certain lakes, ponds, and impoundments that contribute surface water flow in a typical year to a territorial sea or traditional navigable water; and
- 4. Wetlands adjacent to jurisdictional waters, separated by a natural berm, bank, or natural feature, or by an artificial dike or barrier, so long as the structure allows for a direct hydrological surface connection to waters described in the above sections 1 through 3.

¹ <u>https://www.epa.gov/nwpr/about-waters-united-states</u>

The 2020 ruling also details twelve (12) categories of exclusions (i.e. features not considered "waters of the U.S.)

- 1. All waters or features not defined by the 2020 rule;
- 2. Groundwater, including groundwater drained through subsurface drainage systems;
- 3. Ephemeral features that flow only in direct response to precipitation, including ephemeral streams, swales, gullies, rills, and pools;
- 4. Diffuse stormwater runoff and directional sheet flow over upland;
- 5. Ditches that are not traditional navigable waters, tributaries, or that are not constructed in adjacent wetlands, subject to certain limitations;
- 6. Prior converted cropland;
- 7. Artificially irrigated areas that would revert to upland if artificial irrigation ceases;
- 8. Artificial lakes and ponds that are not jurisdictional impoundments and that are constructed or excavated in upland or non-jurisdictional waters;
- 9. Water-filled depressions constructed or excavated in upland or in non-jurisdictional waters incidental to mining or construction activity, and pits excavated in upland or in non-jurisdictional waters for the purpose of obtaining fill, sand, or gravel;
- 10. Stormwater control features constructed or excavated in upland or in non-jurisdictional waters to convey, treat, infiltrate, or store stormwater run- off;
- 11. Groundwater recharge, water reuse, and wastewater recycling structures constructed or excavated in upland or in non-jurisdictional waters; and
- 12. Waste treatment systems.

2.1.2 Ohio Environmental Protection Agency

The OEPA is responsible for issuing Clean Water Act (CWA) Section 401 permits known as Water Quality Certifications (WQC) for all impacts to "waters of the State of Ohio." This includes authority over any dredging, filling, mechanical land clearing, impoundments or construction activities that occur within the boundaries of any "waters of the State," including those isolated waters not otherwise regulated by the USACE.

The OEPA issues Section 401 WQC in conjunction with the USACE' Section 404 permits. A Section 401 Water Quality Certification must be received before the USACE can issue any Section 404 Department of the Army Permit. The OEPA must issue Individual Section 401 WQC for all Individual Section 404 Permits. OEPA has up to 180 days to review applications for Section 401 WQC.

Water quality certification may be granted, without notification to the OEPA, if the project falls under the NWP limitations described above. In order to qualify for this granted certification, all prior-authorized and *de minimis* Ohio State Certification General Limitations and Conditions as published by the OEPA must be satisfied.

The OEPA also requires notification for all impacts to isolated wetlands and ephemeral streams, which includes a permit application and mitigation plan pursuant to Section 6111 of Ohio Revised Code (ORC).

2.2 Regulatory Methods

2.2.1 <u>Wetland Assessment</u>

Wetland delineations conducted according to the 1987 U.S. Army Corps of Engineers (USACE) *Corps of Engineers Wetlands Delineation Manual* (USACE, 1987) and the applicable regional supplements; *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0)* (USACE, 2010) (collectively, the Manual) requires that three wetland criteria be met in order for a wetland to be determined to be present. The area being evaluated must have a dominance of hydrophytic vegetation, hydric soils, and sufficient hydrology to be identified as a wetland.

2.2.1.1 Hydrophytic Vegetation

The hydrophytic vegetation criterion is met when more than 50 percent of the dominant plant community is hydrophytic, as determined by species dominance and the assigned species-specific indicator status of the identified species. Table 2-1 provides the indicator status categories for plants.

Indicator Category	Indicator Symbol	Definition
Obligate Wetland Plants	OBL	Plants that occur almost always (estimated probability > 99 percent) in wetlands under natural conditions, but which may also occur rarely (estimated probability <1 percent) in nonwetlands.
Facultative Wetland Plants	FACW	Plants that occur usually (estimated probability >67 percent to 99 percent) in wetlands, but also occur (estimated probability 1 percent to 33 percent) in nonwetlands.
Facultative Plants	FAC	Plants with a similar likelihood (estimated probability 33 percent to 67 percent) of occurring in both wetlands and nonwetlands.
Facultative Upland Plants	FACU	Plants that occur sometimes (estimated probability 1 percent to <33 percent) in wetlands, but occur more often (estimated probability >67 percent to 99 percent) in nonwetlands.
Obligate Upland Plants	UPL	Plants that occur rarely (estimated probability <1 percent) in wetlands, but occur almost always (estimated probability >99 percent) in nonwetlands under natural conditions.

Table 2-1 Plant Indicator Categories

Under certain circumstances, such as after disturbance from storm events or surveys occurring outside of the prime growing season, additional methods are employed to evaluate the vegetative communities of suspected wetlands. This can include calculating a prevalence index which weights the coverage of a particular class of species (using its wetland indicator status) against the total coverage within the sampling area. If a sampling area passes this test (which requires the value to be less than or equal to 3), it can be considered a wetland. Another potential evaluation method is the presence of morphological adaptations, which can include root buttressing, shallow roots, or multi-stemmed trunks. The presence of such adaptations is considered evidence that the plants (even FACU species) have adapted to survive in prolonged inundation or root saturation. Another method is to report "Problematic Hydrophytic Vegetation." This method is used sparingly, and reflects the delineator's opinion that conditions outside of those considered normal may be present, such as vegetation being bent or damaged to such a degree that identification to species level is impracticable. Under this method, the vegetation present would be treated as consistent with a wetland, but the vegetation could not be reliably identified.

2.2.1.2 Hydric Soils

The hydric soils criterion is determined in the field when the soils fall within the hydric ranges on the Munsell Color Chart, examining soil profiles for other evidence of reducing conditions, and/or observing other indicators of anaerobic activity per the Manual.

2.2.1.3 Hydrology

The hydrology criterion is met when sufficient hydrologic indicators are present. The indicators must be representative of sufficient saturation or inundation occurring over the growing season sufficient to support a hydrophytic plant-dominated vegetative community. Such indicators may include evidence of standing water, saturated soils, geomorphic position within the landscape, drainage patterns, water-stained leaves, and morphologic adaptation of vegetation.

2.2.1.4 Ohio Rapid Assessment Method (ORAM)

After wetlands are identified using USACE criteria, wetlands are then scored using the Ohio EPA (OEPA)'s Ohio Rapid Assessment Method (ORAM). The ORAM wetland functional assessment was developed to determine the ecological "quality" and level of function of a particular wetland in order to meet requirements under Section 401 of the CWA. Wetlands are scored on the basis of hydrology, upland buffer, habitat alteration, special wetland communities, and vegetation communities. Each of these subject areas is further divided into sub-categories under ORAM v5.0 resulting in a score that describes the wetland using a range from 0 (low quality and high disturbance) to 100 (high quality and low disturbance). Wetlands scored from 0 to 29.9 are grouped into "Category 1," 30 to 59.90 are "Category 2" and 60 to 100 are "Category 3." Transitional zones exist between "Categories 1 and 2" from 30 to 34.9 and between "Categories 2 and 3" from 60 to 64.9. However, wetland scores that fall into one of these transitional ranges should be assigned to the higher category unless collected data suggests the wetland should be placed in the lower category.

The ORAM functional assessment describes Category 1 wetlands as those that are often isolated emergent marshes dominated by cattails with little or no upland buffers located in active agricultural fields. Category 2 consists of wetlands for which rare, threatened or endangered (RTE) species and their habitat are absent, but may have well developed habitat for other more common species. Category 2 wetlands constitute the broad middle category of "good" quality wetlands. A "Modified Category 2" wetland appears to have some signs of degradation but also has the potential to restore some of the lost functionality. Category 3 wetlands are typified by high levels of diversity, a high proportion of native species, and/or high functional values. Category 3 wetlands include wetlands that contain or provide habitat for threatened or endangered species, are high quality mature forested wetlands, vernal pools, bogs, fens, or which are scarce regionally and/or statewide.

2.2.2 <u>Waterbody Assessment</u>

Flowing water features (streams and ditches, but not ponds), in order to be classified as a waterbody, must have a defined bed and bank with indications of a channel flow, and are assigned as perennial, intermittent, or ephemeral based on the definitions in Table 2-2. Furthermore, linear waterbodies are assessed using the Headwater Habitat Evaluation Index (HHEI) from the Ohio EPA's *Field Methods for Evaluating Primary Headwater Streams in Ohio* (OEPA 2018). The HHEI allows for uniform scoring of various waterbodies using a standard methodology that identifies pertinent information about the waterbody including substrates, pool depths, and ecological value or condition. HHEI forms typically are completed for waterbodies with a drainage area of less than 1 square mile. Prior to the OEPA Field Methods 2018 update, these Primary Headwater Streams (PHW) were defined as Class I, II or III. A summary of the HHEI Scoring and 2018 definitions is provided in Table 2-3 below.

Linear waterbodies, such as ditches and streams, were surveyed by locating the path (typically the centerline if water depth was shallow, or the top-of-bank if the centerline was not accessible) and

documenting widths (both as Ordinary High Water Mark (OHWM) to OHWM and top-of-bank to top-ofbank) at each survey point. Physical flagging was hung along the waterbody features to identify their general course. Observational notes about the characteristics of each waterbody (such as flow regime and substrate) were recorded by the field team to enable the categorization of the types of waterbodies encountered. To be classified as a waterbody, however, each feature must have a defined bed and bank with indications of a channel flow; grassy swales are not waterbodies, and were not identified as such. Table 2-2 identifies the definitions used in assigning waterbody flow.

Flow Category	Definition
Perennial	Flow is continuous and likely permanent across the seasons (although it may vary). Such flow can be surface based or occur as interstitial flow, which would include the flow driving underground for a portion of the channel.
Intermittent	Flow is present during extended periods of time during some seasons, but gradually returns to a state of isolated pools in the channel or a dry channel. There may be indications of subsurface flow.
Ephemeral	Flow is often not present during the majority of the year, and only occurs after a precipitation event. Channels of ephemeral streams will be dry with no evidence of isolated pools of water.

Table 2-2 Waterbody Flow Categories

Table 2-3 Headwater Habitat Evaluation Index (HHEI) Scoring

Final HHEI Score	Definition
<30	Ephemeral Aquatic Stream (natural channel). Well defined, normally dry channel; little to no aquatic life; no significant habitat for aquatic fauna
<30	Ephemeral Aquatic Stream (modified channel). Normally dry channel, historically channelized; permanent structures and channel modifications that impede or alter free-flowing water
30 - 70	Small Drainage Warm Water Stream (natural channel). Normally intermittent, but some may have perennial flow due to shallow groundwater
30 - 70	Small Drainage Warm Water Stream (modified channel). Normally intermittent, but some may have perennial flow. Historically channelized waterbodies; permanent structures and channel modifications that impede or alter free-flowing water
>70	Spring water (perennial), cool-cold water stream

Source - OEPA 2018

Larger features are evaluated using the Qualitative Habitat Evaluation Index (QHEI). The QHEI form is used to describe similar aspects of waterbodies, but is focused on larger (often higher quality) waterbodies. Typically, QHEI forms are completed for those perennial features with drainage areas greater than 1 square mile and pools deeper than 40 centimeters (approximately 15 inches). In cases where a feature scored highly on the HHEI forms but failed to meet either of QHEI criteria, they were still evaluated with the QHEI to better record the conditions present. Table 2-4 provides an overview of the typical score ranges and waterbody classification under QHEI.

Final QHEI Score	Definition
<32	Limited Resource Water (LRW)
32 - 60	Modified Warm Water Habitat (MWH)
60 - 75	Warm Water Habitat (WWH)
>75	Possible Exceptional Warm Water Habitat (EWH)

Table 2-4 Qualitative Habitat Evaluation Index (QHEI) Scoring

2.2.3 Ohio Mussel Survey

All native mussels in the State of Ohio are protected per Ohio Revised Code Section 1533.324, as are the 10 federally protected species which may occur in the state. In order to protect these species, the Ohio Department of Natural Resources' Division of Wildlife (ODNR DOW) and USFWS developed the Ohio Mussel Survey Protocol (ODNR and USFWS 2020) to identify the presence or absence of mussels in a waterbody. The protocols identify five types of streams based on their size and potential for federally listed species (FLS), as shown in Table 2-5. Such mussel surveys are required to be conducted by trained and accredited individuals, with the group of streams determining exact scale of surveys required. The unlisted streams and Group 1 streams may have visual reconnaissance surveys completed, with the results being forwarded to ODNR who then determine need for any additional surveys. All Group 2, 3, and 4 streams require a full survey.

Group	Definition
Unlisted	Streams not listed in the Survey Protocol, having a watershed larger than 5 square miles with the potential for mussels, but no FLS are expected
Group 1	Small to mid-sized streams, FLS not expected
Group 2	Small to mid-sized streams, FLS expected
Group 3	Large Rivers, FLS not expected
Group 4	Large Rivers, FLS expected

Table 2-5 Stream Classifications according to Mussel Survey Protocol

3 Survey Methodology

This section of the report identifies the methodologies used during the desktop review of the Project Area and field delineations of wetland and open waterbodies within the Survey Area. Cardno conducted surveys within 86 parcels that totaled approximately 2,322 acres in October 2020.

3.1 Desktop Review

Prior to field surveys, Cardno conducted a desktop review of the entire Project Area using publicly available Geographic Information Systems (GIS) data to identify and classify potential wetlands and waterbodies and create field maps for use during survey. Sources of this reference material included, but were not limited to: the National Land Cover Database (NLCD); the U.S. Department of Agriculture (USDA) National Resource Conservation Service (NRCS) Soil Survey; historic aerial photographs; U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) maps; U.S. Geologic Service (USGS) topographic maps; the USGS National Hydrography Dataset (NHD); and the Ohio Wetland Inventory (OWI).

3.2 Field Delineation Methodologies

Surveys were conducted in the Survey Area to determine the extent of wetlands and waterbodies in accordance with applicable Federal and State regulations and guidelines (see Section 2 above). A Trimble ® Global Positioning System (GPS) with sub-meter accuracy was used to collect wetland and waterbody feature boundary points and USACE data point locations. Delineated feature boundaries and USACE data points were logged with a unique identifier.

The information collected in the field was processed real-time in the field using Satellite-based Augmentation System (SBAS) and verified by the field team for accuracy. If a feature continued outside of the Survey Area, it was noted by the field teams.

After identifying the plant species present within a sampling area of a potential wetland, the dominance and indicator status for each identified unique species was determined. Based on the results, the vegetation community being evaluated was determined to be indicative of a either wetland or non-wetland.

3.2.1 <u>Wetland Delineations Methodologies</u>

Wetland delineation data were reported on routine wetland determination data forms, specifically the USACE forms and ORAM forms. The perimeter of each wetland was mapped using the GPS systems. Physical flagging is hung in areas that do not disturb the private land owners or endanger livestock. In addition to identifying the boundaries of wetlands, additional data points were taken with the GPS to locate delineation data collection center points. Any ponds located within the survey area were delineated in the same manner, but are not further evaluated using the USACE forms and ORAM forms.

3.2.2 <u>Waterbody Delineations</u>

Ditches are generally described by state and federal regulatory agencies as man-made or modified channels, constructed to improve drainage among agricultural lands and along roadways. Modification to channels could include the mowing of bank vegetation, altering of channel morphology, or removal of debris to maintain flow conditions. Many ditches have ephemeral or intermittent flows and heavily vegetated channels.

Streams are more often considered natural channels that had indications of significant recovery since any historic modification had occurred. Streams are more likely to have vegetated riparian buffers along the banks and pools of water, which might support wildlife.

Within the Survey Area, waterbodies were surveyed by locating the path (typically the centerline if water depth was shallow, or the top-of-bank if the centerline was not accessible) and documenting widths (both as Ordinary High Water Mark (OHWM) to OHWM and top-of-bank to top-of-bank) at each survey point. Physical flagging was hung along the waterbody features to identify their general course. Observational notes about the characteristics of each waterbody (such as flow regime and substrate) were recorded by the field team to enable the categorization of the types of waterbodies encountered. Grassy swales are not waterbodies, and were not identified as such.

The OEPA HHEI forms were completed for each stream and ditch and serve to record and score a variety of aspects about the feature. The HHEI forms score the types and percent composition of substrates, maximum pool depth, and average bank full width. Additional descriptive information was recorded in the forms regarding flow regime, riparian width and quality, morphology, and modification. Stream channel modification was referenced in many of the descriptions below, as either 'naturalized' or 'modified'. Naturalized features are those that have either never been modified or have historic signs of modification but appear to have recovered to a natural state. Modified features are those that appear to have recently been modified (such as through dredging or armoring of the banks) and may have little to no evidence of recovery.

Although no navigable WOTUS were identified in the Project, some could be considered tributaries that eventually flow into a WOTUS. Tributaries themselves may not be navigable, but have a significant impact on water quality 'downstream' in the WOTUS. Status as a tributary was primarily assessed on the presence or absence of a USGS NHD blue line feature and possibility for flow into a larger WOTUS. Additionally, if the waterbody or wetland abutted a potentially jurisdictional feature and had a permanent or potentially permanent hydrologic connection, then both waterbodies would be considered jurisdictional. For clarity, any features identified as jurisdictional, will be referred to as jurisdictional for the purposes of this wetland delineation report. However, final determinations of jurisdiction are the responsibility of the USACE. Any determination made by the USACE would be binding and modifications to a feature's jurisdictional status that varies from Cardno's would have to be honored.

3.2.3 Ohio Mussel Surveys

Cardno field staff conducted only visual reconnaissance surveys as part of the typical delineation process. If any mussels are found during stream delineations and if the stream is to be impacted, Cardno identified the stream for a follow-up survey. The survey protocol notes that use of horizontal directional drill (HDD) to cross a stream eliminates the need for surveys, and streams with a drainage area less than 5 square miles also do not require surveys.

4 Desktop Assessment Results

Multiple sources were reviewed prior to field investigations to identify potential resources within the Project Area as part of a preliminary desktop assessment. The findings of the desktop assessment were also verified during the field surveys, within the Survey Area. Any areas within the Project Area that were not available at the time of field survey will be verified during subsequent field surveys.

4.1 National Land Cover Database Review

Based on a review of available aerial imagery, the Project Area appeared to generally occur in cultivated crop areas. Review of the 2016 NLCD (MRLC 2018) confirmed this assessment, which showed that cultivated crops accounted for approximately 91.3% of the total acreage in the Project Area. The next prominent land uses within the Project Area were classified as "Pasture/Hay" which accounted for 4.8% of the acreage, "Developed, Open Space" which accounts for 1.9% of the acreage, and "Developed, Low Intensity" which accounted for approximately 1.0% of the acreage. The deciduous forests were observed to occur as isolated woodlots between agricultural areas. All other land use activities accounted for approximately less than 1% of the total acreage in the Survey Area. A summary is provided in Table 4-1 below.

Туре	Survey Area (acres)	Survey Area (%)
Cultivated Crops	2,148.0	91.3%
Pasture/Hay	112.6	4.8%
Developed, Open Space	44.5	1.9%
Developed, Low Intensity	23.9	1.0%
Deciduous Forest	11.3	0.5%
Shrub/Scrub	4.0	0.2%
Developed, Medium Intensity	2.8	0.1%
Woody Wetlands	2.0	0.1%
Mixed Forest	1.1	<0.1%
Emergent Wetlands	1.1	<0.1%
Grassland/Herbaceous	0.3	<0.1%
Barren Land (Rock/Sand/Clay)	0.2	<0.1%
Total	2,351.8	100.0%

Table 4-1 Land Use within the Pleasant Prairie Solar Project Area, Franklin County, Ohio

Compiled from NLCD 2016.

* The total acreage used in these calculations differs slightly from the project area due to differences inherent to the level of precision of the National Land Cover Dataset.

4.2 Geology

The Project is located in the Darby Till Plain Physiographic Region of Ohio, characterized as rolling broad mound moraine, poorly drained swales, and few large streams. The elevation for this physiographic region ranges between 750 feet and 1100 feet, with moderately low relief of 25 feet (ODGS, 1998)².

4.3 Soils & Hydric Ratings

Cardno reviewed soil types for the Project Area using the Web Soil Survey, an application of the NRCS (USDA-NRCS 2018). Based upon Table 4-2, below, there were 13 soil types identified. Five hydric soils were identified in the Project Area. The poor draining qualities of hydric soils combined with local flat or bowl-shaped topography can make locations predisposed to wetlands.

 Table 4-2
 Soils within the Pleasant Prairie Solar Project Area, Franklin County, Ohio

Туре	Map Unit Description	Hydric Rating	Acreage	Percentage of Project Area
Ko	Kokomo silty clay loam, 0 to 2 percent slopes	90	1,062.3	45.2%
LeB	Lewisburg-Crosby complex, 2 to 6 percent slopes (Franklin Co.)	15	810.9	34.5%
CrB	Crosby silt loam, Southern Ohio Till Plain, 2 to 6 percent slopes	5	264.4	11.2%
CrA	Crosby silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes	5	122.7	5.2%
MnI3A	Minster silty clay loam, till substratum, 0 to 1 percent slopes	93	26.7	1.1%
CeB	Celina silt loam, 2 to 6 percent slopes	10	18.0	0.8%
CeB2	Celina silt loam, 2 to 6 percent slopes, eroded	4	17.2	0.7%
MIC2	Miamian silty clay loam, 6 to 12 percent slopes, eroded	5	14.9	0.6%
Wt	Westland silty clay loam, Southern Ohio Till Plain, 0 to 2 percent slopes	90	5.5	0.2%
Сс	Carlisle muck	100	5.4	0.2%
MkB	Miamian silt loam, 2 to 6 percent slopes	5	1.9	0.1%
CeA	Celina silt loam, 0 to 2 percent slopes	5	1.4	0.1%
EIB	Eldean silt loam, 2 to 6 percent slopes	0	0.6	0.0%
Ko	Kokomo silty clay loam, 0 to 2 percent slopes	90	1,062.3	45.2%
LeB	Lewisburg-Crosby complex, 2 to 6 percent slopes (Franklin Co.)	15	810.9	34.5%
CrB	Crosby silt loam, Southern Ohio Till Plain, 2 to 6 percent slopes	5	264.4	11.2%
Total			2,351.8*	100.0%

* The total acreage used in these calculations differs slightly from the project area due to differences inherent to the level of precision of the soil data.

² <u>http://geosurvey.ohiodnr.gov/portals/geosurvey/PDFs/Misc_State_Maps&Pubs/physio.pdf</u>

4.4 Navigable Waters

The Survey Area is located within two watersheds, the Hellbranch Run and Silver Ditch-Big Darby Creek watersheds (Hydrologic Unit Code (HUC)-12), which are located within the larger Little Miami River drainage basin. No navigable waterways are located within the Survey Area. No waters have a designated use in the Water Quality Standards³

4.5 Remote Wetland and Waterbody Identification

Prior to site investigations, the Survey Area was screened using the USFWS NWI, USGS topographic maps, USGS NHD, and the OWI to identify potential wetlands and waterbodies in the vicinity of the Project. The NWI and OWI data shows remotely identified wetlands, which may be based on previous aerial imagery interpretation and soils surveys, while the NHD uses surface water data modeling to identify potential waterways. Fifteen wetlands, two streams, and one pond were identified within the Survey Area. Both streams identified appeared to be headwater tributaries to Big Darby Creek. NWI and OWI features are presented on the Wetland Mapbook in Appendix A. It is not uncommon for the NHD set to indicate features that are no longer present due to landowners rerouting the channel or moving it underground via tiles. Much of the Project Area, however, is cultivated crop area that limits the development of wetlands. The remotely identified features and land use information was expected given the region's heavy, historic manipulation of land use to accommodate and maintain farming operations

³ <u>https://epa.ohio.gov/portals/35/rules/01-18_nov15.pdf</u>

5 Field Survey Results

The following presents the results of field surveys conducted in October 2020 within the Survey Area. Temperature and precipitation were considered normal during the survey periods through evaluation of the National Oceanic and Atmospheric (NOAA) National Centers for Environmental Information (NCEI) 1981 -2019 Climate Normals data tool (2020).

Appendix A contains maps depicting the delineated wetlands and waterbodies. Appendix B contains representative photographic documentation of the delineated wetland and waterbody features. Appendix C contains the completed routine wetland data and assessment forms from the field efforts, and Appendix D contains stream assessment forms.

5.1 General Habitat within the Survey Area

Field surveys determined the predominant land use within the Survey Area is agricultural (crops). Most of the agricultural fields in the study area were either soybean fields or sod farms. Many of the cultivated areas and roadsides have grassy swales, which helped maintain drainage for proper growing conditions. These swales often had a mix of herbaceous species including reed canary grass (*Phalaris arundinacea*) and various other grasses (*Festuca* spp. and *Fescue* spp.) and sedges (*Carex* spp.). The swales appeared to be mowed seasonally. Vegetation in the adjacent woodlots was characterized by a canopy of oaks (*Quercus* spp.), maples (*Acer* spp.), Hickories (*Carya* spp.), and Elms (*Ulmus* spp.) and a shrub layer of Asian honeysuckle (*Lonicera maackii*). The data obtained during the field surveys was accurate to the results determined during the desktop review were found to be generally consistent with the results of the field survey.

5.2 Description of the Delineated Wetlands in the Survey Area

A total of fifteen (15) wetlands were delineated during field surveys, for a total of 7.62 acres of wetland within the Survey Area. Eleven (11) wetlands were palustrine emergent wetlands (PEM), one was palustrine scrub-scrub (PSS), and three were palustrine forested (PFO). Of the fifteen wetlands delineated, thirteen were considered Category 1 wetlands, and two were considered Category 2 wetlands. No Category 3 wetlands were delineated within the Survey Area. Cardno anticipates that one wetland could be federally jurisdictional, based on potential hydrologic connectivity to a potential WOTUS. Final verification of their boundaries for regulatory purposes can only be completed through a Jurisdictional Determination (JD) review by the USACE or its duly appointed representative. Isolated wetlands not under jurisdiction of the USACE are then evaluated as waters of the state by the OEPA. Table 5-1 provides a list of the delineated wetlands and associated characteristics.

One pond with an acreage of 0.52 acre was also delineated within the Survey Area. The single pond was a feature that appeared to hold water throughout the year. Many of the ponds in the vicinity of the Survey Area are typically man-made impoundments, which may be used for holding water for irrigation or recreational fishing and aesthetics.

- Category 1 Wetlands. Thirteen (13) wetlands were identified as Category 1 wetlands using the ORAM metrics. One emergent wetland is anticipated to be considered federally jurisdictional.
- Category 2 Wetlands. Two (2) wetlands were identified as a Category 2 wetland using the ORAM metrics. None are considered to be considered federally jurisdictional.
- > **Category 3 Wetlands.** No Category 3 wetlands were identified.

Wetland ID	Latitude of Center Point	Longitude of Center Point	Acres within Survey Area	Wetland Type	ORAM Score	Wetland Category	Anticipated Jurisdictional?	Drainage Basin
P101	39.910082	-83.189534	0.52	PUB	-	_	No	-
W001	39.894665	-83.179141	0.14	PEM	8	Cat 1	No	Hellbranch Run
W002	39.895705	-83.170857	0.18	PEM	21	Cat 1	Yes	Hellbranch Run
W003	39.898370	-83.183609	0.36	PFO	35	Cat 2	No	Hellbranch Run
W004	39.901320	-83.185626	0.06	PEM	18	Cat 1	No	Hellbranch Run
W005	39.928772	-83.200004	0.31	PEM	19	Cat 1	No	Hellbranch Run
W006	39.935056	-83.196295	0.39	PEM	23	Cat 1	No	Hellbranch Run
W007	39.934845	-83.196519	0.05	PEM	23	Cat 1	No	Hellbranch Run
W008	39.948344	-83.202325	0.22	PEM	17	Cat 1	No	Hellbranch Run
W009	39.942822	-83.188305	0.06	PEM	14	Cat 1	No	Hellbranch Run
W010	39.939299	-83.188618	0.36	PEM	16	Cat 1	No	Hellbranch Run
W011	39.938076	-83.215521	0.19	PEM	14	Cat 1	No	Silver Ditch-Big Darby Creek
W012	39.938862	-83.206030	4.56	PFO	34	Cat 2	No	Hellbranch Run
W101	39.892043	-83.184731	0.22	PEM	23	Cat 1	No	Hellbranch Run
W102	39.886078	-83.188860	0.01	PFO	24	Cat 1	No	Hellbranch Run
W103	39.910082	-83.189534	0.51	PSS	24	Cat 1	No	Hellbranch Run
Total Acreage			8.15					

 Table 5-1
 Wetlands Delineated in the Pleasant Prairie Solar Survey Area, Franklin County, Ohio

NOTES:

ORAM – Ohio Rapid Assessment Method

PEM – Palustrine Emergent Wetland

PFO – Palustrine Forested Wetland

PSS – Palustrine Scrub Shrub

PUB – Palustrine Unconsolidated Bottom

5.3 Description of the Delineated Waterbodies in the Survey Area

The linear waterbody delineation results are summarized in Table 5-2. Representative photographs of typical waterbodies can also be found in Appendix B.

A total of two streams were delineated in the Survey Area. One stream within the survey area had a drainage area greater than a square mile (S301). One stream was classified as a warm water habitat (WWH) (S001) and one stream was classified as a modified warm water (MWW) habitat (S301). All streams were flowing at the time of the survey at base flow levels. Turbidity levels were not elevated, indicating minimal runoff from surrounding fields at the time of survey, likely attributed to dry conditions.

While delineating the waterbodies in the Survey Area, Cardno evaluated the features for suitability as habitat for RTE species, including listed mussels. Due to the modification and disturbance present in the surrounding area, none of the waterbodies were identified as highly likely to serve as habitat for any RTE species. Frequently a waterbody may be able to provide physical habitat, but lack suitable water chemistry due to intensive land use in the upland areas. During the field surveys, Cardno observed no individuals or populations of freshwater mussel species.

None of the delineated streams within the Survey Area meet the requirements for formal mussel survey, having drainage areas greater than 5 square miles.

						•		•																	
Stream ID	Туре	Linear Feet	HHEI Score	QHEI Score	Flow Regime	Drainage Basin	OEPA Watershed Eligibility	Drainage Area (mi²)	Stream Name	Anticipated Jurisdictional	Potential RTE Habitat	Mussels Observed	SRW	wwн	EWH M	WH S	SSH	смн	LRW	PWS	AWS	IWS	BW	PCR	SCR
S001	Stream	1,851	62		Intermittent	Upper Scioto	Potentially Eligible	0.76	UNT to Hellbranch Run	Yes	No	No		х											х
S301	Stream	1,851		48.5	Perennial	Upper Scioto	Potentially Eligible	3.9	Hamilton Ditch	Yes	No	No				x									Х
Total Line	ar Feet	1,851												-											

Table 5-2. Waterbodies Delineated in the Pleasant Prairie Solar Survey Area, Franklin County, Ohio

HHEI Scoring	QHEI Scoring
<30: Ephemeral Aquatic Stream (modified channel)	< 32: Limited Resource Water (LRW)
<30: Ephemeral Aquatic Stream (natural channel)	32 to 60: Modified Warmwater Habitat (MWH)
30 - 70: Small Drainage Warm Water Stream (modified channel)	60 to 75: Warmwater Habitat (WWH)
30 - 70: Small Drainage Warm Water Stream (natural channel)	>75: Possible Exceptional Warmwater Habitat (EWH)
>70: Spring water (perennial), cool-cold water stream	

NOTES:

HHEI – Headwater Habitat Evaluation Index, QHEI – Qualitative Habitat Evaluation Index

PWS – Public Water Supply, AWS – Agricultural Water Supply, IWS – Industrial Water Supply, BW – Bathing Waters, PCR – Primary Contact Recreation, SCR – Secondary Contact Recreation, UNT – Unnamed Tributary

SRW - State Resource Water, WWH - Warmwater Habitat, EWH - Exceptional Warmwater Habitat, MWH - Modified Warmwater Habitat, SSH – Seasonal Salmonid Habitat, CWH – Cold Water Habitat, LRW – Limited Resource Water

6 Conclusions

The Survey Area is dominated by agricultural land use (cultivated crops) and isolated woods. Waterbodies were classified as streams, but had characteristics of manipulated, but recovering drainage ways. The history of land conversion for farming and other landscape manipulation to support farming operations has reduced the land available for wetlands to develop. The majority of wetlands were located along field boundaries and forested edges

In summary, Cardno delineated two streams expected to be waters of the United States due to their hydrologic connection to a WOTUS and flow regime, and one pond which is not anticipated to be considered jurisdictional. Fifteen wetlands were delineated within the Survey Area, with one 0.18-acre wetland anticipated to be jurisdictional by the USACE. The remaining wetlands have potential to be within jurisdiction of the state. Final verification of wetland and waterbody boundaries for regulatory purposes can only be completed through a JD review by the USACE or its duly appointed representative.

The findings of this investigation represent a study of the Survey Area for wetlands and waterbodies. This report represents a professional estimate of wetlands and waterbodies within the Survey Area based upon available information and techniques. Final verification of their boundaries for regulatory purposes can only be completed through a JD review by the USACE or its duly appointed representative.

Any parcels or sections of parcels currently not within the Survey Area, but will ultimately be considered within the Project Area, will be subject to the above survey methodologies and analysis, and this report will be updated to reflect the results of those subsequent surveys.

7 References

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Wetland and Waterbody Delineation Report Pleasant Solar Energy Project

APPENDIX

WETLAND AND WATERBODY MAPS



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Wetland and Waterbody Maps - Overview

Pleasant Prairie Solar Energy Project Franklin County, Ohio





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Wetland and Waterbody Maps (Sheet 1 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio











Wetland and Waterbody Maps (Sheet 2 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio











Wetland and Waterbody Maps (Sheet 3 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio





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Wetland and Waterbody Maps (Sheet 4 of 34)

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Wetland and Waterbody Maps (Sheet 5 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Wetland and Waterbody Maps (Sheet 6 of 34)

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Wetland and Waterbody Maps (Sheet 7 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio











Wetland and Waterbody Maps (Sheet 8 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio











Wetland and Waterbody Maps (Sheet 9 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio








Wetland and Waterbody Maps (Sheet 10 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Wetland and Waterbody Maps (Sheet 11 of 34)

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Wetland and Waterbody Maps (Sheet 12 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio









Wetland and Waterbody Maps (Sheet 13 of 34)

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Wetland and Waterbody Maps (Sheet 14 of 34)

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Wetland and Waterbody Maps (Sheet 15 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Wetland and Waterbody Maps (Sheet 16 of 34)

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Wetland and Waterbody Maps (Sheet 17 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Wetland and Waterbody Maps (Sheet 18 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Image: 2017

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Wetland and Waterbody Maps (Sheet 19 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Wetland and Waterbody Maps (Sheet 20 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio





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Wetland and Waterbody Maps (Sheet 21 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio







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Wetland and Waterbody Maps (Sheet 22 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Wetland and Waterbody Maps (Sheet 23 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio







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Wetland and Waterbody Maps (Sheet 24 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio













Wetland and Waterbody Maps (Sheet 25 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio







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Wetland and Waterbody Maps (Sheet 26 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Wetland and Waterbody Maps (Sheet 27 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio





Pleasant Prairie Solar Energy Project Franklin County, Ohio

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400 Feet

125 Meters



Image: 2017





Wetland and Waterbody Maps (Sheet 29 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio







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Wetland and Waterbody Maps (Sheet 30 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio









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400 Feet

125 Meter



Wetland and Waterbody Maps (Sheet 31 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Wetland and Waterbody Maps (Sheet 32 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio





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Wetland and Waterbody Maps (Sheet 33 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Wetland and Waterbody Maps (Sheet 34 of 34)

Pleasant Prairie Solar Energy Project Franklin County, Ohio

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Wetland and Waterbody Delineation Report Pleasant Solar Energy Project

APPENDIX



PHOTOGRAPHS OF SURVEY AREA AND VICINITY

Date: 09/29/2020

Description: Photo of typical sod farm in the Project Area. Sod farmland was interspersed among other agricultural crops, and isolated tree lots and windrows. Sod appeared be regularly maintained at low heights.



Date: 09/29/2020

Description: Photo of potential bat roost tree, located within the Project Area and within the tree lots proposed for avoidance areas. Wood lots appeared as isolated areas between agricultural fields and along property edges.



Date: 09/29/2020

Description: Photo of a typical fence road composed of maples and shrub understory. These treed areas provided boundaries between different agricultural crops and property boundaries.



Date: 11/05/2017

Description: Potential bat roost tree within Project Area, along the edge of a tree lot with a shrub understory.



Feature: W011

Date: 10/01/2020

Feature: W003

Date: 09/29/2020

Description: Photo of a Category 2 forested wetland along the edge of maintained crop land, exhibiting a herbaceous and shrub edge, and forested interior. Vegetation includes Frank's sedge, large barnyard grass, American water-plantain, devil'spitchfork, and broad-leaf cattail. Due to its isolated nature, this forested wetland is not anticipated to be jurisdictional as waters of the U.S

Description: Photo of a typical, category 1 wetland. This feature is an example of a depressional wetland within the agricultural field. Due to its isolated nature, this wetland is not anticipated to jurisdictional as waters of the U.S. Wetland vegetation included large barnyard grass, prickly fanpetals, velvetleaf, Japanese bristle grass, yellow bristle grass, flower of an hour, and fall panic grass.



Feature: S001

Date: 09/29/2020

Description: Photo of a typical, intermittent stream. This stream exhibits a relatively narrow riparian wooded edge, and can provided potential warmwater habitat. Due to its connection to Hellbranch Run, this stream is anticipated to be jurisdictional to waters of the U.S. The intermittent nature and reduced flow in this stream provides limited to no habitat for **RTE** species and freshwater mussels.



Feature: W005

Date: 09/30/2020

Description: Photo of a typical category 1, emergent wetland. W005 is depressional wetland within an agricultural field. Due to its isolated nature, this wetland is not anticipated to be jurisdictional as waters of the U.S. Vegetation within this wetland consists of narrow-leaf cattail, blunt spike-rush, king's-cureall, Norwegian cinquefoil, chufa, pinkweed, and velvetleaf.

Wetland and Waterbody Delineation Report Pleasant Solar Energy Project

APPENDIX

WETLAND DELINEATION AND ASSESSMENT FORMS



ORAM v 5.0 Field Form Quantitative Rating



Grand Total (max 100 pts)

Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html

Comments:



ORAM v 5.0 Field Form Quantitative Rating



Grand Total (max 100 pts)

Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html

Comments:



ORAM v 5.0 Field Form Quantitative Rating


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ORAM v 5.0 Field Form Quantitative Rating



Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html

Comments:

18



ORAM v 5.0 Field Form Quantitative Rating



Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html



ORAM v 5.0 Field Form Quantitative Rating



Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html



ORAM v 5.0 Field Form Quantitative Rating



Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html



ORAM v 5.0 Field Form Quantitative Rating



Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html

Comments:

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ORAM v 5.0 Field Form Quantitative Rating



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ORAM v 5.0 Field Form Quantitative Rating



Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html

Comments:

16



ORAM v 5.0 Field Form Quantitative Rating



Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html



ORAM v 5.0 Field Form Quantitative Rating



Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html



ORAM v 5.0 Field Form Quantitative Rating



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ORAM v 5.0 Field Form Quantitative Rating



Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html



ORAM v 5.0 Field Form Quantitative Rating



Refer to the most recent ORAM Score Calibration Report for the scoring breakpoints between wetland categories at the following address: http://www.epa.state.oh.us/dsw/401/401.html

Project/Site:	Pleasant Prairie					City/County	: Galloway/Fran	klin	Sampling Date: 9/29/2020
Applicant/Owner:	Invenergy					State	: OH	Sampling Point:	dp001
Investigator(s):	B Hess						Section, Towns	hip, Range: <u>NA</u>	
Landform (hillslope	, terrace, etc.):	Toeslope					Lo	cal relief (concave, convex, no	one): <u>concave</u>
Slope (%):	1%	Lat:	3	9.8946		Long:		-83.179	Datum: NAD83 UTM16N
Soil Map Unit Name	e: Kokomo silty clay loam, 0	to 2 percent slopes (Ko)					NWI c	assification: none
Are climatic / hydro	logic conditions on the site t	ypical for this time of ye	ar?			Yes	X No	(If no, explain in Rema	arks.)
Are Vegetation	<u> </u>	oil <u>N</u>	, or Hydrolog	jy N	significantly dis	sturbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	<u>N</u> , So	pil N	, or Hydrolog	iy N	naturally proble	ematic?	(If needed	, explain any answers in Rema	arks.)
SUMMARY OF	FINDINGS Attach	site map showing	sampling p	oint locatio	ons, transects, in	portant featur	res, etc.		
Hydrophytic Ve	egetation Present?		Yes <u>x</u>	(No	_ Is the	Sampled A	ea	
Hydric Soil Pres	sent?		Yes X	<u> </u>	No	withir	h a Wetland'	Yes	<u> X No </u>
	logy Present?		res x	<u> </u>		_			
Remarks:									
VEGETATION	Use scientific nam	es of plants.							
		-			Absolute	Dominant	Indicator		
Tree Stratum (Plot	t size: 30' radius)				% Cover	Species?	Status	Dominance Test workshe	eet:
1									
2								Number of Dominant Spec	ies
3								That Are OBL, FACW, or F	AC: <u> </u>
4									
5								I otal Number of Dominant	
						= Total Cover		Species Across All Strata:	(B)
Sanling/Shrub Strat	tum (Plot size: 15' radius)							Percent of Dominant Speci	
1								That Are OBL_EACW_or E	ΔC· 100% (Δ/Β)
2								That Ale Obe, I Adw, of I	
3.									
4.								Prevalence Index workshe	eet:
5.									
						= Total Cover		Total % Cover of:	Multiply by:
						_		That Are OBL, FACW, or F	AC: A/B
Herb Stratum (Plot	t size: 5' radius)		_					OBL species	5% x1 = 0.05
1. Echinochloa cri	us-galli				90%	Yes	FACW	FACW species	90% x2 = 1.80
2. Poa pratensis					5%	No	FAC	FAC species	5% x3 = 0.15
3. Eleocharis obtu	usa				5%	No	OBL	FACU species	x4 =
4								UPL species	x5 =
5					·			Column Totals: 1	00% (A) <u>2.00</u> (B)
6									
7								Prevalence Ind	ex = B/A = 2.00
8									
9									
10								Hydropnytic vegetation li	iuicators:
10								V 1 Danid Test for 1	Audrophytic Vogetation
12									tio >50%
13								x 3-Prevalence Inde	1 = -30%
14 15									daptations ¹ (Provide supporting
16									or on a senarate shoot)
10								Problematic Hvdr	ophytic Vegetation ¹ (Explain)
18									

18. 19. 20.	100%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		= Total Cover	Hydrophytic Vegetation Present? Yes X No
Remarks: (Include photo numbers here or on a separate sheet.)			

Profile Desc	cription: (Describe to th	e depth needed	to document the in	dicator or co	onfirm the al	bsence of	indicators.)	
Depth	Matrix		Red	ox Features	1	2		
(inches)	Color (moist)	%	Color (moist)	%	Туре'	Loc ²	Texture	Remarks
0-16"	10YR 3/1	95	10YR 3/6	5	С	М	Clay Loam	
		· ·						
					,			
	Concentration D-Depleti		Matrix CS=Covered	- Cootod S	and Craina	² 1 coatic		M-Matrix
Hydric Soil	Indicators ³		Matrix, CS-Covered		Sanu Grains.	Locald	Indicators of Hydri	ic Soils:
Histos	nl (A1)		Sandy Gleve	d Matrix (S4)			Iron-Mangar	nese Masses (F12)
Histic F	Epipedon (A2)		Sandy Redox	(S5)			Verv Shallov	v Dark Surface (F22)
Black I	Histic (A3)		Stripped Mat	rix (S6)			Other (Expla	ain in Remarks)
Hvdroc	aen Sulfide (A4)		Dark Surface	(S7)				
Stratifie	ed Lavers (A5)		Loamy Mucky	Mineral (F1)			
2 cm M	/luck (A10)		Loamy Gleve	d Matrix (F2)	,			
Deplet	ed Below Dark Surface (<i>i</i>	A11)	Depleted Mat	trix (F3)				
Thick [Dark Surface (A12)	,	X Redox Dark S	Surface (F6)			³ The hydric soil ind	dicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Dar	k Surface (F	7)		comply with the	Field Indicators of Hydric Soils
5 cm N	lucky Peat or Peat (S3)		X Redox Depre	ssions (F8)			in the United S	<i>tates</i> , Version 8.0, 2016.
Restrictive	aver (if observed):							
Type:	Layer (il observeu).							
Depth (inches).					Hydric	Soil Present?	Yes X No
HYDROL	OGY							
Wetland Hy	drology Indicators:							
Primary Indi	cators (minimum of one i	s required: check	all that apply)				Secondary Indicat	ors (minimum of two required)
Surfac	e Water (A1)		Water-Staine	d Leaves (B§	9)		Surface Soil	Cracks (B6)
High W	/ater Table (A2)		Aquatic Faun	a (B13)			Drainage Pa	atterns (B10)
Satura	tion (A3)		True Aquatic	Plants (B14)			Dry-Season	Water Table (C2)
Water	Marks (B1)		Hydrogen Su	lfide Odor (C	1)		Crayfish Bur	rows (C8)
Sedime	ent Deposits (B2)		Oxidized Rhiz	zospheres or	n Living Roots	s (C3)	Saturation V	isible on Aerial Imagery (C9)
Drift De	eposits (B3)		Presence of I	Reduced Iron	n (C4)		Stunted or S	Stressed Plants (D1)
Algal M	/lat or Crust (B4)		Recent Iron F	Reduction in ⁻	Tilled Soils (C	C6)	X Geomorphic	Position (D2)
Iron De	eposits (B5)		Thin Muck Su	urface (C7)			X FAC-Neutra	l Test (D5)
Inunda	tion Visible on Aerial Ima	igery (B7)	Gauge or We	ell Data (D9)				
Sparse	ely Vegetated Concave S	urface (B8)	Other (Explai	n in Remarks	s)			
Field Obser	vations:							
Surface Wa	ter Present?	Yes <u>No</u> X	Depth (inches)	: <u>N/A</u>				
Water Table	Present?	Yes No X	Depth (inches)	. N/A				
Saturation F	Present?	Yes No X	Depth (inches)	: N/A	Wetland	Hydrolog	y Present?	Yes <u>X</u> No
(includes ca	pillary fringe)							
Describe Re	ecorded Data (stream ga	uge, monitoring w	ell, aerial photos, pre	evious inspec	ctions), if ava	ilable:		
Remarks								

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	lin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy				State	: <u>OH</u>	Sampling Point:	dp002
Investigator(s):	B Hess					Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Summit				Loc	al relief (concave, convex, none): r	none
Slope (%):	1%	Lat:	39.8929		Long:		-83.178	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 percent slopes (Ko)					NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical for this time of yea	r?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally probler	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map showing	sampling point location	ons, transects, imp	portant featur	es, etc.		
Hydrophytic Veg	getation Present?		Yes x	No	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes	No <u>x</u>	within	n a Wetland?	Yes	No <u></u>
Wetland Hydrol	ogy Present?		Yes	No <u>x</u>				
Remarks:								
VEGETATION -	Use scientific n	ames of plants.		Abcoluto	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			Absolute % Cover	Species?	Status	Dominance Test worksheet	
1.					000003:		Sommanioo 1001 WOLKSHEEL.	
2.							Number of Dominant Species	
3.							That Are OBL, FACW, or FAC	1 (A)
4.					·			\ /
5.					·		Total Number of Dominant	
					= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strat	um (Plot size: 15' radiu	ls)					Percent of Dominant Species	
1.							That Are OBL, FACW, or FAC:	100% (A/B)
2.					·			
3.					· · · · · · · · · · · · · · · · · · ·			
4.					·		Prevalence Index worksheet:	
5.					·			
					= Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species	x1 =
1. Echinochloa cru	ıs-galli			60%	Yes	FACW	FACW species 65%	x2 = 1.30
2. <u>Setaria pumila</u>				20%	No	FAC	FAC species 35%	x3 = 1.05
3. Poa pratensis				10%	No	FAC	FACU species 5%	x4 = 0.20
4. Schedonorus ar	rundinaceus			5%	No	FACU	UPL species	x5 =
5. Persicaria macu	ılosa			5%	No	FACW	Column Totals: 105%	(A) <u>2.55</u> (B)
6. Polygonum avid	ulare			5%	No	FAC		
7					·		Prevalence Index = E	3/A =2.43
8								
9								
10							Hydrophytic Vegetation Indicat	ors:
11					·			
12							X 1-Rapid Test for Hydrop	hytic Vegetation
13							X 2-Dominance Test is >5	i0%
14							3-Prevalence Index is ≤	3.U Aiomo 1 (Danui de commente
15					·		4-iviorphological Adapta	uoris (Provide supporting
16					·		data in Remarks or on	a separate sheet)
17					·			o vegetation (Explain)
18.							¹ Indicators of hydric asilest and and	and bydrology must
19							mulcators of hydric soll and weth	and nyurology must
20							be present, unless disturbed or p	problematic.
				105%	= I otal Cover			
		۸.					lladaad 4	
vvoody vine Stratun	n (Plot size: 30' radius	\$) 					Hydrophytic	
1							vegetation	Y No
2							Present? Yes	<u>× No</u>
					= I otal Cover			
Damiente d'activit								
Remarks: (Include)	prioto numbers here or	on a separate sheet.)						
L								

I Frome Desci	ription: (Describe to	o the depth needec	d to document the in	ndicator or co	onfirm the a	bsence of	indicators.)	
Depth	Matrix		Red	dox Features				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-16"	10YR 3/1	100					Clay Loam	
				·				
				·			·	
		<u> </u>		·			·	
				·			·	
· ·								
¹ Type: C=C	Concentration, D=Deple	etion, RM=Reduce	d Matrix, CS=Covere	d or Coated S	Sand Grains.	² Locatio	on: PL=Pore Lining	ı, M=Matrix.
Hydric Soil I	Indicators ³ :					Test	Indicators of Hyd	ric Soils:
Histoso	ol (A1)		Sandy Gleye	ed Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic E	Epipedon (A2)		Sandy Redo	x (S5)			Very Shallo	w Dark Surface (F22)
Black H	Histic (A3)		Stripped Ma	trix (S6)			Other (Exp	ain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surface	e (S7)				
	ed Layers (A5)		Loamy Much	(F1) (F1) (Ky Mineral)			
2 cm M	IUCK (ATU)	~ (^ 1 1)	Loamy Gleye	ed iviatrix (F2))			
	ed Below Dark Surface	e (A11)		atrix (F3)			³ The hudrie esil in	
Sandy P	Jaik Sullace (A12) Mucky Minoral (S1)			Surface (F6)	7)			nucators have been updated to
Sanuy i	wucky willeral (ST) lucky Post or Post (S3	2)	Depieted Da		()		in the United	States Vorsion 8.0, 2016
<u> </u>	lucky reactor reac (00)						States, Version 0.0, 2010.
Restrictive L	_ayer (if observed):							
Type:								
Depth (II	inches):					Hydric	Soil Present?	Yes NoX
HYDROL	OGY							
HYDROL(Wetland Hyd	OGY drology Indicators:							tors (minimum of two required)
HYDROL(Wetland Hyd Primary Indic	OGY drology Indicators: cators (minimum of on	e is required: checl	k all that apply)	od Looves (PR	2)		Secondary Indica	tors (minimum of two required)
HYDROLO Wetland Hyd Primary Indic Surface	OGY drology Indicators: cators (minimum of on e Water (A1)	e is required: checl	k all that apply) Water-Stain	ed Leaves (B	9)		Secondary Indica	tors (minimum of two required) il Cracks (B6)
HYDROLO Wetland Hyd Primary Indic Surface High W	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2)	e is required: checl	k all that apply) Water-Stain Aquatic Fau	ed Leaves (Bs na (B13)	9)		Secondary Indica	tors (minimum of two required) il Cracks (B6) atterns (B10)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3)	e is required: checl	k all that apply) Water-Stain Aquatic Fau True Aquatic	ed Leaves (Bs na (B13) c Plants (B14)	9)		Secondary Indica Surface So Drainage P Dry-Season	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ant Deposits (B2)	e is required: chec	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Ovidized Bh	ed Leaves (Bs na (B13) 2 Plants (B14) ulfide Odor (C	9)) :1)	s (C3)	Secondary Indica Surface So Drainage P Dry-Season Crayfish Bu Saturation	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) enosits (B3)	e is required: checl	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of	ed Leaves (Bs na (B13) 2 Plants (B14) ulfide Odor (C izospheres or Reduced Iror	9)) :1) n Living Root	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	e is required: checl	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron	ed Leaves (B na (B13) 2 Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduction in	9)) 11) 11 Living Root 11 (C4) Tilled Soils ((s (C3)	Secondary Indica Surface So Drainage P Dry-Season Crayfish Bu Saturation Stunted or	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	e is required: checl	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (B na (B13) Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduction in	9) :1) n Living Root n (C4) Tilled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage P Dry-Season Crayfish Bu Saturation Stunted or Geomorphi X FAC-Neutr	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) tion Visible on Aerial II	e is required: check	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (B na (B13) 2 Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduced Iror Reduction in Surface (C7) ell Data (D9)	9) :1) n Living Root n (C4) Tilled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage P Dry-Season Crayfish Bu Saturation Stunted or Geomorphi X FAC-Neutra	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave	ne is required: checl magery (B7) e Surface (B8)	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduction in curface (C7) ell Data (D9) in in Remarks	9) 11) 11 Living Root 1 (C4) Tilled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage P Dry-Season Crayfish Bu Saturation Stunted or Geomorphi X FAC-Neutra	tors (minimum of two required) il Cracks (B6) ratterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De Inundat Sparsel	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave	ne is required: check magery (B7) e Surface (B8)	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) Plants (B14) Ilfide Odor (C izospheres or Reduced Iror Reduced Iror Reduction in furface (C7) ell Data (D9) in in Remarks	9) :1) n Living Root n (C4) Tilled Soils ((s)	s (C3) C6)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi X FAC-Neutra	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel	OGY crology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave vations: ter Present?	ne is required: check magery (B7) e Surface (B8)	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (BS na (B13) 2 Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduced Iror Reduction in Surface (C7) ell Data (D9) in in Remarks	9) i:1) n Living Root n (C4) Tilled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage P Dry-Season Crayfish Bu Saturation Stunted or Geomorphi X FAC-Neutra	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Water	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave vations: ter Present?	ne is required: check magery (B7) e Surface (B8) Yes <u>No X</u> Yes <u>No X</u>	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduction in curface (C7) ell Data (D9) in in Remarks): N/A	9) in Living Root n (C4) Tilled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage P Dry-Season Crayfish Bu Saturation Stunted or Geomorphi X FAC-Neutra	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
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HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Water Surface Water Saturation Pri (includes car Describe Rec	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) tion Visible on Aerial In ty Vegetated Concave vations: ter Present? Present? pillary fringe) ecorded Data (stream g	ne is required: check magery (B7) a Surface (B8) Yes No _X Yes No _X Yes No _X gauge, monitoring v	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (BS na (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduced Iror Reduction in curface (C7) ell Data (D9) in in Remarks): <u>N/A</u>): <u>N/A</u>): <u>N/A</u>	9) 1) 1 Living Root 1 (C4) Tilled Soils ((s) Wetland ctions), if ava	s (C3) C6) I Hydrolog	Secondary Indica Surface So Drainage P Dry-Season Crayfish Bu Saturation Stunted or Geomorphi X FAC-Neutra	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Water Table Saturation Pl (includes cap Describe Red	OGY drology Indicators: cators (minimum of on e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave vations: ter Present? Present? Present? pillary fringe) ecorded Data (stream of	magery (B7) e Surface (B8) Yes No X Yes No X Yes No X Yes No X	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla Depth (inches Depth (inches Mell, aerial photos, pr	ed Leaves (B na (B13) c Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduction in curface (C7) ell Data (D9) in in Remarks): N/A): N/A): N/A	9) 1) 1) 1 Living Root 1 (C4) Tilled Soils ((s) Wetland ctions), if ava	s (C3) C6) I Hydrolog	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or Geomorphi X FAC-Neutra	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5) Yes NoX
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Water Table Saturation Pri (includes cap Describe Rec	OGY drology Indicators: cators (minimum of on a Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) tion Visible on Aerial In ely Vegetated Concave vations: ter Present? Present? pillary fringe) ecorded Data (stream g	ne is required: check magery (B7) e Surface (B8) Yes No X Yes No X Yes No X gauge, monitoring v	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (BS na (B13) 2 Plants (B14) ulfide Odor (C izospheres or Reduced Iror Reduction in Gurface (C7) ell Data (D9) in in Remarks): N/A): N/A): N/A evious inspect	9) 1) 1 Living Root n (C4) Tilled Soils ((s) Wetland ctions), if ava	s (C3) C6) I Hydrolog	Secondary Indica Surface So Drainage P Dry-Season Crayfish Bu Saturation Stunted or Geomorphi X FAC-Neutra	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5) Yes NoX
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Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	lin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp003
Investigator(s):	B Hess						Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Summit					Loc	al relief (concave, convex, none): <u>r</u>	none
Slope (%):	0%	Lat:	39.8941			Long:		-83.1764	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	am, 0 to 2 percent slopes (Ko)						NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical for this time of yea	r?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	<u>N</u>	, Soil N	, or Hydrology	<mark>۷ si</mark>	gnificantly distu	urbed?	Are "Norm	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	N	, Soil N	, or Hydrology	N na	aturally problem	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map showing	sampling point locati	ions, trai	nsects, imp	oortant featur	res, etc.		
Hydrophytic Ve	getation Present?)	Yes	No	х	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes	No	Х	within	n a Wetland?	Yes	No <u></u>
Wetland Hydrol	ogy Present?		Yes	No	Х				
VEGETATION -	Use scientific	names of plants.			Absolute % Cover	Dominant Species 2	Indicator	Dominance Test worksheet	
	size. 30 Taulus)			-	% Cover	Species?	Status	Dominance Test worksneet:	
1								Number of Dominant Species	
3								That Are OBL_EACW_or EAC	0 (A)
4								That Are ODE, I AGW, of I AG.	((
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1 (B)
									()
Sapling/Shrub Strat 1 2	um (Plot size: 15' rad	ius)						Percent of Dominant Species That Are OBL, FACW, or FAC:	(A/B)
3									
4								Prevalence Index worksheet:	
5.						. <u></u>			
						= Total Cover		Total % Cover of:	Multiply by:
Lianh Christian (Dist								That Are OBL, FACW, or FAC:	<u>A/B</u>
Herb Stratum (Plot	size: 5' radius)				750/	X			x1 =
1. Glycine max					75%	Yes		FACW species	x2 =
2. Abutilon theoph	rasti				5%	No		FAC species	X3 =
3. Sida spiriosa	lhum				3%	No	FACU	LIDL openies 75%	x4 = 0.48
4. Chenopodium a	ibum				Ζ 70	INO	FACU	Column Totals: 87%	$x_{3} = \frac{3.73}{4.23}$ (B)
5									(A) <u>4.23</u> (B)
7								Provalance Index - F	8/4 - 4.86
8									5/A - 4.00
9						·			
10						·		Hydrophytic Vegetation Indicat	ors.
11									
12								1-Rapid Test for Hydrop	hytic Vegetation
13.								2-Dominance Test is >5	j0%
14.								3-Prevalence Index is ≤	3.0 ¹
15.								4-Morphological Adapta	tions ¹ (Provide supporting
16.								data in Remarks or on a	a separate sheet)
17.								Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.								—	
19.								¹ Indicators of hydric soil and wetl	and hydrology must
20.								be present, unless disturbed or p	problematic.
					87%	= Total Cover		l '	
									
Woody Vine Stratur	n (Plot size: 30' radiu	is)						Hydrophytic	
1								Vegetation	
2.								Present? Yes	No X
						= Total Cover		-	
Remarks: (Include	photo numbers here o	or on a separate sheet.)							

Profile Desc	cription: (Describe to th	ne depth needed to	o document the in	dicator or co	onfirm the a	bsence of	indicators.)	
Depth	Matrix		Red	ox Features	_ 1			
(inches)	Color (moist)	<u>%</u> C	olor (moist)	%	Туре'	Loc ²	Texture	Remarks
0-16"	10YR 3/1	100					Clay Loam	
	·	- <u> </u>						
		· ·			·		·	
		· ·			·			
		·			<u> </u>			
1		· <u> </u>			<u> </u>	2		
'Type: C=0	Concentration, D=Depletion	on, RM=Reduced N	Aatrix, CS=Covered	d or Coated S	and Grains.	Locatio ²	on: PL=Pore Lining,	M=Matrix.
Histos	ol (A1)		Sandy Glever	d Matrix (S4)			Iron-Mangan	ese Masses (F12)
Histic	Eninedon (A2)	-	Sandy Bedox	(S5)			Very Shallow	Dark Surface (E22)
Black I	Histic (A3)	-	Stripped Mate	rix (S6)			Other (Expla	in in Remarks)
Hydroc	nen Sulfide (A4)	-	Dark Surface	(S7)				in in remainey
Stratifi	ed Lavers (A5)	-	Loamy Mucky	(Or) Mineral (E1))			
Ou a u ll		-		d Matrix (E2)	,			
	red Below Dark Surface (Δ11) -	Denleted Mat	trix (F3)				
	Dark Surface (Δ12)		Reday Dark 9	Surface (E6)			³ The hydric soil ind	icators have been undated to
Sandy	Mucky Mineral (S1)	-		k Surface (FU)	7)		comply with the	Field Indicators of Hydric Soils
Gandy	Mucky Peat or Peat (S?)	-	Depieted Dal	ssions (FR)	1		in the I Inited St	ates Version 8.0 2016
		-		3310113 (1 0)				
Restrictive	Layer (if observed):							
Type.	(inches);					Lludria	Call Dragant?	
Deptil	(incres).					inguite	boint resent:	
HYDROL Wetland Hy	.OGY drology Indicators:							
Primary Indi	icators (minimum of one i	s required: check a	ll that apply)				Secondary Indicate	ors (minimum of two required)
Surfac	æ Water (A1)	_	Water-Staine	d Leaves (B9	9)		Surface Soil	Cracks (B6)
High V	Vater Table (A2)	_	Aquatic Faun	a (B13)			Drainage Pa	tterns (B10)
Satura	ition (A3)		True Aquatic	Plants (B14)			Dry-Season	Water Table (C2)
Water	Marks (B1)	_	Hydrogen Su	lfide Odor (C	1)		Crayfish Bur	rows (C8)
Sedim	ent Deposits (B2)	_	Oxidized Rhiz	zospheres on	Living Root	s (C3)	Saturation Vi	sible on Aerial Imagery (C9)
Drift D	eposits (B3)	_	Presence of F	Reduced Iron	(C4)		Stunted or S	tressed Plants (D1)
Algal M	Mat or Crust (B4)	_	Recent Iron F	Reduction in T	Filled Soils (0	C6)	Geomorphic	Position (D2)
Iron De	eposits (B5)	_	Thin Muck Su	urface (C7)			FAC-Neutral	Test (D5)
Inunda	ation Visible on Aerial Ima	agery (B7)	Gauge or We	ell Data (D9)				
Sparse	ely Vegetated Concave S	urface (B8)	Other (Explai	n in Remarks	;)			
Field Obser	vations:			: N/A				
Field Obser Surface Wa	vations: iter Present?	Yes No X	Depth (inches)		-			
Field Obser Surface Wa Water Table	vations: iter Present? `` e Present? ``	Yes NoX Yes NoX	Depth (inches) Depth (inches)	: N/A				
Field Obser Surface Wa Water Table Saturation F	vations: iter Present? *** e Present? *** Present? ***	Yes <u>No X</u> Yes <u>No X</u> Yes <u>No X</u>	Depth (inches) Depth (inches) Depth (inches)	: N/A : N/A	Wetland	l Hydrolog	y Present?	Yes NoX
Field Obser Surface Wa Water Table Saturation F (includes ca	vations: ter Present? Pr	Yes No X Yes No X Yes No X	Depth (inches) Depth (inches) Depth (inches)	: N/A : N/A	Wetland	l Hydrolog	y Present?	Yes NoX
Field Obser Surface Wa Water Table Saturation F (includes ca Describe Re	vations: ter Present? Present? apillary fringe) ecorded Data (stream gau	Yes No X Yes No X Yes No X uge, monitoring we	Depth (inches) Depth (inches) Depth (inches) II, aerial photos, pre	: N/A : N/A evious inspec	Wetland tions), if ava	I Hydrolog ilable:	y Present?	Yes NoX
Field Obser Surface Wa Water Table Saturation F (includes ca Describe Re	vations: iter Present? Present? Present? apillary fringe) ecorded Data (stream gat	Yes <u>No X</u> Yes <u>No X</u> Yes <u>No X</u> uge, monitoring wel	Depth (inches) Depth (inches) Depth (inches) II, aerial photos, pre	: N/A : N/A evious inspec	Wetland	I Hydrolog ilable:	y Present?	Yes NoX
Field Obser Surface Wa Water Table Saturation F (includes ca Describe Re Remarks:	vations: ter Present?	Yes No X Yes No X Yes No X	Depth (inches) Depth (inches) Depth (inches) II, aerial photos, pre	: N/A : N/A evious inspec	Wetland tions), if ava	I Hydrolog ilable:	y Present?	Yes NoX
Field Obser Surface Wa Water Table Saturation F (includes ca Describe Re	vations: ter Present?	Yes No X Yes No X Yes No X	Depth (inches) Depth (inches) Depth (inches) II, aerial photos, pre	: N/A : N/A evious inspec	Wetland	I Hydrolog	ly Present?	Yes NoX
Field Obser Surface Wa Water Table Saturation F (includes ca Describe Re	vations: ter Present?	Yes No X Yes No X Yes No X	Depth (inches) Depth (inches) Depth (inches) II, aerial photos, pre	: N/A : N/A evious inspec	Wetland tions), if ava	l Hydrolog ilable:	y Present?	Yes NoX
Field Obser Surface Wa Water Table Saturation F (includes ca Describe Re	vations: ter Present?	Yes <u>No X</u> Yes <u>No X</u> Yes <u>No X</u> uge, monitoring wel	Depth (inches) Depth (inches) Depth (inches) II, aerial photos, pre	: N/A : N/A evious inspec	Wetland	I Hydrolog ilable:	y Present?	Yes NoX
Field Obser Surface Wa Water Table Saturation F (includes ca Describe Re	vations: iter Present?	Yes No X Yes No X Yes No X	Depth (inches) Depth (inches) Depth (inches) II, aerial photos, pre	: N/A : N/A evious inspec	Wetland	I Hydrolog ilable:	ly Present?	Yes NoX

Project/Site:	Pleasant Prairie	City/County: Gal	lloway/Franklin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy	State: OH	Sampling Point:	dp004
Investigator(s):	B Hess	Sect	ion, Township, Range: N/A	
Landform (hillslope	, terrace, etc.): Summit		Local relief (concave, convex, none)	: none
Slope (%):	0% Lat: 39.8959	Long:	-83.1776	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam, 0 to 2 percent slopes (Ko)		NWI class	sification: none
Are climatic / hydro	logic conditions on the site typical for this time of year?	Yes X	No (If no, explain in Remarks.)
Are Vegetation	N, Soil N, or Hydrology N signific	antly disturbed?	Are "Normal Circumstances" present?	Yes <u>X</u> No
Are Vegetation	N, Soil N, or Hydrology N, natural	y problematic?	(If needed, explain any answers in Remarks	.)
SUMMARY OF	FINDINGS Attach site map showing sampling point locations, transed	ts, important features,	etc.	
Hydrophytic Ve	getation Present? Yes <u>x</u> No	Is the Sar	mpled Area	
Hydric Soil Pre	sent? Yes No	× within a V	Vetland? Yes	No <u></u>
vvetland Hydro	logy Present? Yes X No			
Remarks:				
	Use scientific names of plants			
	Ab	solute Dominant I	ndicator	
Tree Stratum (Plot	t size: 30' radius) %	Cover Species?	Status Dominance Test worksheet:	
1				
2			Number of Dominant Species	
3			That Are OBL, FACW, or FAC	1 (A)
4				
5			Total Number of Dominant	
		= Total Cover	Species Across All Strata:	<u> </u>
Sapling/Shrub Stra	tum (Plot size: 15' radius)		Percent of Dominant Species	
1			That Are OBL, FACW, or FAC	100% (A/B)
2				
3				
4			Prevalence Index worksheet:	
5.				
[= Total Cover	That Are OBL_EACW, or EAC	Multiply by:
Herb Stratum (Plo	t size: 5' radius)		OBL species	x1 =
1 Echinochloa cr	us-galli 1	00% Yes	FACW FACW species 100%	$x_2 = 2.00$
2.			FAC species	x3 =
3.			FACU species	x4 =
4.			UPL species	x5 =
5.			Column Totals: 100%	(A) 2.00 (B)
6.				、
7.			Prevalence Index =	= B/A = 2.00
8.				
9.				
10.			Hydrophytic Vegetation Indic	ators:
11.				
12.			X 1-Rapid Test for Hydr	ophytic Vegetation
13.			X 2-Dominance Test is	>50%
14.			3-Prevalence Index is	≤3.0 ¹
15.			4-Morphological Adap	tations ¹ (Provide supporting
16.			data in Remarks or o	n a separate sheet)
17			Problematic Hydroph	ytic Vegetation ¹ (Explain)
18.				

18 19 20	100%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		= Total Cover	Hydrophytic Vegetation Present? Yes X No
Remarks: (Include photo numbers here or on a separate sheet.)			

	ded to document the indicator or co	onfirm the absen	ce of indicators.)	
	Redox Features	Tum-1 .		
(Incnes) Color (moist) %	Color (moist) %	iype Lo	oc l'exture	Kemarks
<u> </u>			Clay Loam	
<u> </u>				
¹ Type: C=Concentration, D=Depletion, RM=Red	uced Matrix, CS=Covered or Coated S	and Grains. ² L	ocation: PL=Pore Lining,	M=Matrix.
Hydric Soil Indicators ³ :		-	Test Indicators of Hydrid	c Soils:
Histosol (A1)	Sandy Gleyed Matrix (S4)		Iron-Mangan	ese Masses (F12)
Histic Epipedon (A2)	Sandy Redox (S5)		Very Shallow	Dark Surface (F22)
Black Histic (A3)	Stripped Matrix (S6)		Other (Explai	n in Remarks)
Hydrogen Sulfide (A4)	Dark Surface (S7)		、 .	,
Stratified Layers (A5)	Loamy Mucky Mineral (F1))		
2 cm Muck (A10)	Loamy Gleyed Matrix (F2)			
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)			
Thick Dark Surface (A12)	Redox Dark Surface (F6)		³ The hydric soil ind	icators have been updated to
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7	7)	comply with the	Field Indicators of Hydric Soils
5 cm Mucky Peat or Peat (S3)	Redox Depressions (F8)		in the United St	ates , Version 8.0, 2016.
Restrictive Laver (if observed):				
Depth (inches):		H	/dric Soil Present?	Yes No X
wetland Hydrology Indicators:				
Drimary Indiactors (minimum of analis required, a			Cocondony Indicate	re (minimum of two required)
Primary Indicators (minimum of one is required: cl	neck all that apply)	N	Secondary Indicato	ors (minimum of two required)
Primary Indicators (minimum of one is required: c	neck all that apply) Water-Stained Leaves (B9)	Secondary Indicato	ors (minimum of two required) Cracks (B6)
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2)	heck all that apply) Water-Stained Leaves (B9 Aquatic Fauna (B13)))	Secondary Indicato	ors (minimum of two required) Cracks (B6) tterns (B10)
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3)	heck all that apply) Water-Stained Leaves (B9 Aquatic Fauna (B13) True Aquatic Plants (B14))	Secondary Indicato Surface Soil Drainage Pai Dry-Season	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2)
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	heck all that apply) Water-Stained Leaves (B9 Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C	1)	Secondary Indicato	ors (minimum of two required) Cracks (B6) terns (B10) Water Table (C2) ows (C8)
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	heck all that apply) Water-Stained Leaves (B9 Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron	1) 1) Living Roots (C3	Secondary Indicato Surface Soil Drainage Pal Dry-Season Crayfish Burr 3) Saturation Vi	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) rows (C8) sible on Aerial Imagery (C9)
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	heck all that apply) Water-Stained Leaves (BS Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron	1) Living Roots (C3 (C4)	Secondary Indicato Surface Soil Drainage Pat Dry-Season Crayfish Burr 3) Saturation Vi Stunted or St	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) rows (C8) sible on Aerial Imagery (C9) tressed Plants (D1)
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	heck all that apply) Water-Stained Leaves (B9 Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7)	1) Living Roots (C3 (C4) Tilled Soils (C6)	Secondary Indicato Surface Soil Drainage Pat Dry-Season Crayfish Burr Sturation Vi Stunted or St X Geomorphic	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) ows (C8) sible on Aerial Imagery (C9) tressed Plants (D1) Position (D2)
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	heck all that apply) Water-Stained Leaves (B9 Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in 1 Thin Muck Surface (C7)	I) Living Roots (C3 (C4) ⁻illed Soils (C6)	Secondary Indicato Surface Soil Drainage Pat Dry-Season V Crayfish Burr Saturation Vi Stunted or Si X Geomorphic X FAC-Neutral	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) rows (C8) sible on Aerial Imagery (C9) tressed Plants (D1) Position (D2) Test (D5)
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7)	heck all that apply) Water-Stained Leaves (BS Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Gauge or Well Data (D9)	1) Living Roots (C3 (C4) `illed Soils (C6)	Secondary Indicato Surface Soil Drainage Pal Dry-Season Crayfish Burn 3) Saturation Vi Stunted or Si X Geomorphic X FAC-Neutral	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) ows (C8) sible on Aerial Imagery (C9) tressed Plants (D1) Position (D2) Test (D5)
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)	heck all that apply) Water-Stained Leaves (BS Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks	1) Living Roots (C3 (C4) Filled Soils (C6)	Secondary Indicato Surface Soil Drainage Pat Dry-Season Crayfish Burr 3) Saturation Vi Stunted or St X Geomorphic X FAC-Neutral	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) rows (C8) sible on Aerial Imagery (C9) tressed Plants (D1) Position (D2) Test (D5)
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)	heck all that apply) Water-Stained Leaves (B9 Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks	1) Living Roots (C3 (C4) Filled Soils (C6)	Secondary Indicato Surface Soil Drainage Pat Dry-Season V Crayfish Burr Saturation Vi Stunted or Si X Geomorphic X FAC-Neutral	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) ows (C8) sible on Aerial Imagery (C9) tressed Plants (D1) Position (D2) Test (D5)
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Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No Water Table Present? Yes No	heck all that apply) Water-Stained Leaves (BS Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks) X Depth (inches): N/A	1) Living Roots (C3 (C4) `illed Soils (C6))	Secondary Indicato Surface Soil Drainage Pal Dry-Season Crayfish Burr 3) Saturation Vi Stunted or St X Geomorphic X FAC-Neutral	ors (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) rows (C8) sible on Aerial Imagery (C9) tressed Plants (D1) Position (D2) Test (D5)
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Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No Water Table Present? Yes No Saturation Present? Yes No Mater Sat	Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks) X Depth (inches): N/A	1) Living Roots (C3 (C4) -illed Soils (C6)) Wetland Hyd tions), if available	Secondary Indicato Surface Soil Drainage Pai Dry-Season Crayfish Burn Saturation Vi Stunted or St X Geomorphic X FAC-Neutral	Yes X No
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes	Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks) X Depth (inches): N/A	1) Living Roots (C3 (C4) ⁻ illed Soils (C6)) Wetland Hyd tions), if available	Secondary Indicato Surface Soil Drainage Pat Dry-Season Crayfish Burn Stunted or Si X Geomorphic X FAC-Neutral	rrs (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) ows (C8) sible on Aerial Imagery (C9) tressed Plants (D1) Position (D2) Test (D5) Yes X No
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No Water Table Present? Yes No Saturation Present? Yes No Sectible Recorded Data (stream gauge, monitori Remarks:	Meck all that apply) Water-Stained Leaves (BS Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks) X Depth (inches): N/A X Depth (inches): N/A x Depth (inches): N/A x Depth (inches): mg well, aerial photos, previous inspective	1) Living Roots (C3 (C4) -illed Soils (C6)) Wetland Hyd tions), if available	Secondary Indicato Surface Soil Drainage Pal Dry-Season V Crayfish Burn Saturation Vi X Geomorphic X FAC-Neutral	res (minimum of two required) Cracks (B6) tterns (B10) Water Table (C2) ows (C8) sible on Aerial Imagery (C9) tressed Plants (D1) Position (D2) Test (D5) Yes X No
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No Water Table Present? Yes No Gincludes capillary fringe) Describe Recorded Data (stream gauge, monitori Remarks:	Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks) X Depth (inches): N/A	1) Living Roots (C3 (C4) "illed Soils (C6)) Wetland Hyd tions), if available	Secondary Indicato Surface Soil Drainage Pai Dry-Season Crayfish Burn Saturation Vi Stunted or St X Geomorphic X FAC-Neutral	Yes Kes Kes Kes Kes Kes Kes Kes Kes Kes K
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No Saturation Present? Yes No Remarks: Remarks:	Meck all that apply) Water-Stained Leaves (BS Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks) X Depth (inches): N/A X Depth (inches): N/A X Depth (inches): N/A ng well, aerial photos, previous inspect	1) Living Roots (C3 (C4) -illed Soils (C6)) Wetland Hyd tions), if available	Secondary Indicato Surface Soil Drainage Pat Dry-Season Crayfish Burn Saturation Vi Stunted or Si X Geomorphic X FAC-Neutral	Yes X No
Primary Indicators (minimum of one is required: cl Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No Saturation Present? Yes No Saturation Present? Yes No Saturation Present? Yes No Remarks:	Action Water-Stained Leaves (BS) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C Oxidized Rhizospheres on Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks) X Depth (inches): N/A	1) Living Roots (C3 (C4) ⁻ illed Soils (C6)) Wetland Hyd tions), if available	Secondary Indicato Surface Soil Drainage Pat Dry-Season V Crayfish Burn Stunted or Si X Geomorphic X FAC-Neutral	res (minimum of two required) Cracks (B6) terns (B10) Water Table (C2) ows (C8) sible on Aerial Imagery (C9) tressed Plants (D1) Position (D2) Test (D5) Yes X No

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	lin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp005
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Summit					Loc	al relief (concave, convex, none): r	ione
Slope (%):	0%	Lat:	39.8971			Long:		-83.1768	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m. 0 to 2 percent slopes (Ko)				<u> </u>		NWI classifi	cation: none
Are climatic / hvdrol	ogic conditions on the	site typical for this time of yea	r?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	Soil N	or Hydrology	N siar	nificantly dist	urbed?	Are "Norm:	al Circumstances" present?	Yes X No
Are Vegetation	N	, soil N	or Hydrology	v nati		natic?	(If needed	evolain any answers in Remarks)	
		, soil <u>n</u>	, or rigatology						
	FINDINGS Atta	ach site map snowing	sampling point locati	ions, trans	sects, imp		es, etc.		
Hydrophytic Veg	getation Present?		Yes X	No		Is the	Sampled Are	ea	Nia y
Hydric Soll Pres	sent?		Yes	NO	X	within	h a wetland?	Yes	NO <u>X</u>
	ogy Flesent?								
VEGETATION -	Use scientific ı	names of plants.						_	
					Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1						·			
2								Number of Dominant Species	
3						. <u></u>		That Are OBL, FACW, or FAC:	1 (A)
4									
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	<u>um</u> (Plot size: 15' radi	us)						Percent of Dominant Species	
1.								That Are OBL, FACW, or FAC:	100% (A/B)
2.									
3.									
4.								Prevalence Index worksheet:	
5.									
						= Total Cover		Total % Cover of:	Multiply by:
								That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)							OBL species	x1 =
1. Echinochloa cru	is-galli				90%	Yes	FACW	FACW species 95%	x2 = 1.90
2. Setaria pumila					10%	No	FAC	FAC species 10%	x3 = 0.30
3. Persicaria macu	ılosa				5%	No	FACW	FACU species 7%	x4 = 0.28
4. Schedonorus ar	rundinaceus				5%	No	FACU	UPL species	x5 =
5. Portulaca olerad	cea				2%	No	FACU	Column Totals: 112%	(A) 2.48 (B)
6.									
7.								Prevalence Index = E	B/A = 2.21
8.						·			
9									
10								Hydrophytic Vegetation Indicat	ors.
11									
12								¥ 1-Ranid Test for Hudron	hytic Vegetation
13									ny
13.									0 /0 3 0 ¹
14									tions ¹ (Drovido cunnorting
15.									aons (Frovide supporting
16								data in Remarks or on	a separate sheet)
17								Problematic Hydrophyti	c vegetation (Explain)
18								1	
19						<u> </u>		'Indicators of hydric soil and wetl	and hydrology must
20								be present, unless disturbed or p	roblematic.
					112%	= Total Cover			
Woody Vine Stratun	<u>n</u> (Plot size: 30' radiu	s)						Hydrophytic	
1								Vegetation	
2.								Present? Yes	X No
						= Total Cover		-	
Remarks: (Include)	photo numbers here o	r on a separate sheet.)							
		,							

Profile Desc	ription: (Describe to t	he depth needed	to document the in	dicator or co	onfirm the al	bsence of	indicators.)	
Depth	Matrix		Red	ox Features	1			
(inches)	Color (moist)	% (Color (moist)	%	Туре	Loc ²	Texture	Remarks
0-16"	10YR 3/2	100					Clay Loam	
1Type: C=C	oncentration D=Deplet	ion RM=Reduced	Matrix CS=Covered	l or Coated S	and Grains		n: Pl =Pore Lining	M=Matrix
Hydric Soil I	ndicators ³ :					Test	Indicators of Hvdr	ic Soils:
Histoso	l (A1)		Sandy Gleve	d Matrix (S4)			Iron-Mangar	nese Masses (F12)
Histic E	pipedon (A2)		Sandy Redox	(S5)			Very Shallov	w Dark Surface (F22)
Black H	listic (A3)		Stripped Mat	rix (S6)			Other (Expla	ain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surface	(S7)			、 .	
Stratifie	d Layers (A5)		Loamy Mucky	y Mineral (F1)			
2 cm M	uck (A10)		Loamy Gleye	d Matrix (F2)				
Deplete	d Below Dark Surface ((A11)	Depleted Mat	trix (F3)				
Thick D	ark Surface (A12)		Redox Dark S	Surface (F6)			³ The hydric soil in	dicators have been updated to
Sandy I	Mucky Mineral (S1)		Depleted Dar	k Surface (F	7)		comply with the	e Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S3)		Redox Depre	ssions (F8)			in the United S	<i>tates</i> , Version 8.0, 2016.
Restrictive L	ayer (if observed):							
Туре:								
Depth (i	nches):					Hydric \$	Soil Present?	Yes NoX
Remarks:								
HYDROL	DGY							
Wetland Hvd	rology Indicators:							
Primary Indic	ators (minimum of one	is required: check	all that apply)				Secondary Indicat	tors (minimum of two required)
Surface	Water (A1)		Water-Staine	d Leaves (B	9)		Surface Soi	l Cracks (B6)
 Hiah W	ater Table (A2)		Aquatic Faun	a (B13)	,		Drainage Pa	atterns (B10)
Saturati	on (A3)		True Aquatic	Plants (B14)			Dry-Season	Water Table (C2)
Water M	/larks (B1)		Hydrogen Su	lfide Odor (C	1)		Crayfish Bu	rrows (C8)
Sedime	nt Deposits (B2)		Oxidized Rhiz	zospheres or	Living Roots	s (C3)	Saturation V	/isible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence of I	Reduced Iron	ı (C4)		Stunted or S	Stressed Plants (D1)
Algal M	at or Crust (B4)		Recent Iron F	Reduction in ⁻	Tilled Soils (C	C6)	X Geomorphic	c Position (D2)
Iron De	posits (B5)		Thin Muck Su	urface (C7)			X FAC-Neutra	ll Test (D5)
Inundat	ion Visible on Aerial Im	agery (B7)	Gauge or We	ell Data (D9)				
Sparsel	y Vegetated Concave S	Surface (B8)	Other (Explai	n in Remarks	6)			
Field Observ	ations:							
Surface Wate	er Present?	Yes No X	Depth (inches)	: N/A				
Water Table	Present?	Yes No X	Depth (inches)	: N/A				
Saturation P	resent?	Yes No X	Depth (inches)	: N/A	Wetland	Hydrolog	y Present?	Yes X No
(includes cap	oillary fringe)							
Describe Re	corded Data (stream ga	uge, monitoring we	ell, aerial photos, pre	evious inspec	tions), if ava	ilable:		
Remarks:								

Project/Site:	Pleasant Prairie	City/County:	/County: Galloway/Franklin			Sampling Date: 9/29/2020						
Applicant/Owner:	Inenergy					State	: OH	Sampling Poin	ıt:	dp00	06	
Investigator(s):	B Hess						Section, Townsh	ip, Range: <u>N/A</u>				
Landform (hillslope	e, terrace, etc.):	Summit					Loc	al relief (concave, co	nvex, none): <u>n</u>	one		
Slope (%):	0%	Lat:	39.901			Long:		-83.1753		Datum: NA	D83 UTM16N	N
Soil Map Unit Nam	e: Kokomo silty clay lo	am, 0 to 2 percent slop	es (Ko)						NWI classific	cation: nor	ne	
Are climatic / hydro	ologic conditions on the	e site typical for this tim	e of year?			Yes	X No	(If no, explain	in Remarks.)			
Are Vegetation	N	, Soil N	, or Hydrology	<u>N</u> s	significantly dist	urbed?	Are "Norma	al Circumstances" pro	esent?	Yes X	No	
Are Vegetation	N	, Soil N	, or Hydrology	N r	naturally proble	matic?	(If needed,	explain any answers	in Remarks.)			
SUMMARY OF	FINDINGS Att	ach site map sho	wing sampling point I	ocations, tra	ansects, im	portant featur	res, etc.					
Hydrophytic Vegetation Present? Yes No x							Is the Sampled Area					
Hydric Soil Pre	Hydric Soil Present? Yes No X					within a Wetland? Yes No x						
Wetland Hydro	logy Present?		Yes	. No	X	-						
Remarks:												
VEGETATION	Use scientific	names of plants.										
					Absolute	Dominant	Indicator					
Tree Stratum (Plo	t size: 30' radius)				% Cover	Species?	Status	Dominance Test	worksheet:			
1						·						
2								Number of Domina	ant Species			
3								That Are OBL, FA	CW, or FAC:	0	(A)
4						·		T to be been to be a f D				
5										0	(D)	`
								Species Across Ar	i Strata.	2	(D)
Sapling/Shrub Stra	tum (Plot size: 15' rac	lius)						Percent of Domina	ant Species			
1									CW or $E\Delta C$	0%	6 (Δ	/B)
2								That AIC ODE, I A	ow, or i A0.			(0)
3												
4.								Prevalence Index	worksheet:			
5.								-				
	 = Tc					= Total Cover		- Total % Cover of: Multiply by:				
						-		That Are OBL, FAC	W, or FAC:		A/	В
<u>Herb Stratum</u> (Plo	t size: 5' radius)							OBL species		x1 =		
1. Glycine max					75%	Yes	UPL	FACW species		x2 =		
2. Sida spinosa					20%	Yes	FACU	FAC species		x3 =		
3.								FACU species	20%	x4 =	0.80	
4								UPL species	75%	x5 =	3.75	
5.								Column Totals:	95%	(A)	4.55	(B)
6												
7						<u> </u>		Preval	ence Index = B	/A =	4.79	
8						·						
9						·						
10						·		Hydrophytic Vege	etation Indicate	ors:		
11												
12							1-Rapid Test for Hydrophytic Vegetation					
13								2-Dominance Test is >50%				
14								3-Prevale	nce Index is ≤3	5.0' · 1 <i>.</i> - · · ·		
15						·		4-Morpho	logical Adaptat	ions' (Provide	supporting	
16						·		data in R	emarks or on a	separate she	et)	
17						·			auc Hydrophytic	vegetation' (⊏xpiain)	
118.								1				

18. 19. 20.	95%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.					
Woody Vine Stratum (Plot size: 30' radius) 1.		= Total Cover	Hydrophytic Vegetation Present? Yes No X					
Remarks: (Include photo numbers here or on a separate sheet.)								
Profile Desc	cription: (Describe to	the depth needed t	o document the ind	dicator or co	onfirm the a	bsence of	findicators.)	
------------------------	---------------------------	---------------------------	------------------------	----------------	-------------------	---------------------	---------------------------------	------------------------------------
(inches)	Color (moiot)		Celor (moiot)		Type ¹	1002	Taxtura	Demorko
(inches)	Color (moist)	<u>%</u> C	olor (moist)	%	туре	LOC	Texture	Remarks
0-16"	10YR 3/1	100					Clay Loam	
					·			
					·		·······	
					·			
¹ Type: C=C	Concentration, D=Deple	etion, RM=Reduced I	Matrix, CS=Covered	l or Coated S	and Grains.	² Locati	on: PL=Pore Lining	, M=Matrix.
			O an sha Olaraa			rest		
HISTOSC	DI (A1) Tainadan (AO)	•	Sandy Gleyed	Matrix (54)			Iron-Manga	nese Masses (F12)
	=pipedon (A2)	•	Sandy Redox	(85)			Very Shallo	W Dark Surface (F22)
Black H	Histic (A3)		Stripped Matr	ix (S6)			Other (Expl	ain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	(S7)				
Stratifie	ed Layers (A5)		Loamy Mucky	/ Mineral (F1)			
2 cm N	luck (A10)		Loamy Gleye	d Matrix (F2)				
Deplete	ed Below Dark Surface	(A11)	Depleted Mat	rix (F3)			3	
Thick [Dark Surface (A12)		Redox Dark S	Surface (F6)			³ The hydric soil ir	ndicators have been updated to
Sandy	Mucky Mineral (S1)	-	Depleted Dar	k Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm N	lucky Peat or Peat (S3)	Redox Depres	ssions (F8)			in the United S	States , Version 8.0, 2016.
Restrictive I	_ayer (if observed):							
Type:								
Depth (inches):					Hydric	Soil Present?	Yes NoX
HYDROL	OGY							
Wetland Hyd	drology Indicators:	- is us an ins de sha she						
Primary Indi	cators (minimum or on	e is required: check a	all that apply)		N		Secondary Indica	lors (minimum of two required)
Surface	e vvater (A1)	-	vvater-Staine	d Leaves (BS	9)		Surface So	
High W	/ater Table (A2)		Aquatic Faun	a (B13)			Drainage P	atterns (B10)
Satura	tion (A3)		True Aquatic	Plants (B14)			Dry-Seasor	n Water Table (C2)
Water	Marks (B1)		Hydrogen Sul	fide Odor (C	1)		Crayfish Bu	irrows (C8)
Sedime	ent Deposits (B2)	-	Oxidized Rhiz	cospheres on	Living Root	s (C3)	Saturation V	Visible on Aerial Imagery (C9)
Drift De	eposits (B3)		Presence of F	Reduced Iron	(C4)		Stunted or	Stressed Plants (D1)
Algal M	lat or Crust (B4)	-	Recent Iron R	Reduction in T	Filled Soils (0	C6)	Geomorphi	c Position (D2)
Iron De	eposits (B5)		Thin Muck Su	ırface (C7)			FAC-Neutra	al Test (D5)
Inunda	tion Visible on Aerial Ir	nagery (B7)	Gauge or We	ll Data (D9)				
Sparse	ly Vegetated Concave	Surface (B8)	Other (Explain	n in Remarks	s)			
Field Obser	vations:							
Surface Wat	ter Present?	Yes No X	Depth (inches):	N/A				
Water Table	Present?	Yes No X	Depth (inches):	N/A				
Saturation P	resent?	Yes No X	Depth (inches):	N/A	Wetland	Hydrolog	gy Present?	Yes No X
(includes ca	pillary fringe)							
Describe Re	ecorded Data (stream g	auge, monitoring we	ll, aerial photos, pre	evious inspec	tions), if ava	ilable:		
Doresta								
Remarks:								

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	lin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp007
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Stream Terrace					Loc	al relief (concave, convex, none): r	one
Slope (%):	0%	Lat:	39.8959			Long:		-83.1695	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo siltv clav loa	m. 0 to 2 percent slopes (Ko)				Ū		NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical for this time of yea	r?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	. Soil N	. or Hydrology	N si	unificantly distu	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	Soil N	or Hydrology	N na	aturally problem	natic?	(If needed	explain any answers in Remarks)	
		ch site man showing	sampling point loca	tione tra	acacte imr	ortant foatur	(in needed,		
	FINDINGS Alla	ach site map showing		uons, ua	150015, 1114				
Hydrophytic Ve	getation Present?		Yes X	NO_		IS the	Sampled Ar	ea Voc v	No
Wetland Hydrol	ogy Present?			No_		within		res <u>x</u>	
	ogy Present?			110					
VEGETATION -	Use scientific r	names of plants.							
					Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			-	% Cover	Species?	Status	Dominance Test worksheet:	
1									
2								Number of Dominant Species	
3								That Are OBL, FACW, or FAC:	1 (A)
4									
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	<u>um</u> (Plot size: 15' radi	us)						Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	100% (A/B)
2.									
3.									
4.								Prevalence Index worksheet:	
5.									
L						= Total Cover		Total % Cover of:	Multiply by:
								That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)							OBL species 90%	x1 = 0.90
1. Leersia orvzoide	es é 🛄				90%	Yes	OBL	FACW species 10%	x2 = 0.20
2. Bidens frondosa	9				10%	No	FACW	FAC species 5%	x3 = 0.15
3. Ambrosia trifida					5%	No	FAC	FACU species	x4 =
4.					-	·		UPL species	x5 =
5						·		Column Totals: 105%	(A) 125 (B)
6									(0)
7								Provalance Index - F	// - 1 10
8									
0									
9						·		I hadne what is Manufaction Indiant	
10						·		Hydrophytic vegetation indicat	ors:
11				·				V A Devid Track (11.1	hutia Vagatatian
12						·		A 1-Kapid Lest for Hydrop	nyuc vegetation
13								X 2-Dominance Test is >5	U%
14								X 3-Prevalence Index is ≤	D.U
15								4-Morphological Adapta	ions' (Provide supporting
16								data in Remarks or on a	a separate sheet)
17								Problematic Hydrophyti	c Vegetation ¹ (Explain)
18									
19								¹ Indicators of hydric soil and wetla	and hydrology must
20								be present, unless disturbed or p	roblematic.
					105%	= Total Cover			
Woody Vine Stratun	n_(Plot size: 30' radiu	s)						Hydrophytic	
1.								Vegetation	
2.						·		Present? Yes	X No
				, _		= Total Cover			— —
				-					
Remarks: (Include)	photo numbers here o	on a separate sheet)						1	
		,							

Profile Desc	cription: (Describe to th	e depth needed	to document the in	dicator or co	onfirm the a	bsence of	findicators.)	
Depth	Matrix		Red	ox Features	- 1	. 2	_	
(inches)	Color (moist)	%	Color (moist)	%	Type'	Loc ²	Texture	Remarks
0-16"	10YR 4/1	90	10YR 4/6	10	С	М	Clay Loam	
		·						
		·					· · · · · · · · · · · · · · · · · · ·	
		·						
¹ Type: C=C	Concentration, D=Depletion	on, RM=Reduced	Matrix, CS=Covered	d or Coated S	and Grains.	² Locatio	on: PL=Pore Lining,	M=Matrix.
Hydric Soil	Indicators ³ :					Test	Indicators of Hydrid	c Soils:
Histoso	ol (A1)		Sandy Gleye	d Matrix (S4)			Iron-Mangan	ese Masses (F12)
Histic E	Epipedon (A2)		Sandy Redox	(S5)			Very Shallow	Dark Surface (F22)
Black I	Histic (A3)		Stripped Mat	rix (S6)			Other (Explai	n in Remarks)
Hydrog	gen Sulfide (A4)		Dark Surface	e (S7)				
Stratifie	ed Layers (A5)		Loamy Muck	y Mineral (F1)			
2 cm M	luck (A10)		Loamy Gleye	d Matrix (F2)	1			
Deplet	ed Below Dark Surface (<i>i</i>	A11)	X Depleted Ma	trix (F3)				
Thick [Dark Surface (A12)		Redox Dark	Surface (F6)			³ The hydric soil ind	icators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Dar	rk Surface (F	7)		comply with the	Field Indicators of Hydric Soils
5 cm M	lucky Peat or Peat (S3)		Redox Depre	ssions (F8)	,		in the United St	ates, Version 8.0, 2016.
			·	. ,				
Type	Layer (II observed):							
Type.	incheo);					Lludaio	Sail Dresset?	
	,					,		
	OGY							
Primary Indi	cators (minimum of one i	s required: check	all that apply)				Secondary Indicate	ors (minimum of two required)
Surface	e Water (A1)	s required. crices	Water-Staine	d Leaves (B	a)		Surface Soil	Cracks (B6)
	/ oten Toble (AQ)				5)			
	Valer Table (AZ)			Ia (B13)			<u> </u>	Netro Teles (20)
X Satura	tion (A3)		I rue Aquatic	Plants (B14)			Dry-Season	Water Table (C2)
Water	Marks (B1)		Hydrogen Su	lifide Odor (C	:1) 	(00)	Crayfish Buri	rows (C8)
Sedime	ent Deposits (B2)			zospheres or	1 Living Root	s (C3)	Saturation Vi	sible on Aerial Imagery (C9)
	eposits (B3)		Presence of	Reduced Iror	n (C4)		Stunted or St	ressed Plants (D1)
Algal N	/at or Crust (B4)		Recent Iron F	Reduction in	Tilled Soils (0	C6)	Geomorphic	Position (D2)
Iron De	eposits (B5)		Thin Muck S	urface (C7)			X FAC-Neutral	Test (D5)
Inunda	tion Visible on Aerial Ima	gery (B7)	Gauge or We	ell Data (D9)				
Sparse	ely Vegetated Concave S	urface (B8)	Other (Explai	in in Remarks	s)			
Field Obser	vations:							
Surface Wa	ter Present?	res No X	Depth (inches)	: N/A				
Water Table	Present?	res No X	Depth (inches)	: N/A				
Saturation F	Present?	res No X	Depth (inches)	: N/A	Wetland	l Hydrolog	v Present?	Yes X No
(includes ca	pillary fringe)		,			, ,		
Describe Re	ecorded Data (stream gau	uge, monitoring w	ell, aerial photos, pre	evious inspec	tions), if ava	ilable:		
					,			
Remarks:								

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	lin		Sampling Date	e: <u>9/29/2020</u>	1
Applicant/Owner:	Inenergy					State	: OH	Sampling Poir	ıt:	dp00	08	
Investigator(s):	B Hess						Section, Townsh	ip, Range: <u>N/A</u>				
Landform (hillslope	, terrace, etc.):	Summit					Loc	al relief (concave, co	onvex, none): <u>n</u>	one		
Slope (%):	0%	Lat:	39.89	36		Long:		-83.1696		Datum: NA	D83 UTM16	N
Soil Map Unit Name	e: Kokomo silty clay loam, 0	to 2 percent slopes (Ko)						NWI classific	ation: <u>no</u>	ne	
Are climatic / hydro	logic conditions on the site ty	pical for this time of ye	ar?			Yes	X No	(If no, explain	in Remarks.)			
Are Vegetation	<u> </u>	bil N	, or Hydrology	Ν	significantly dist	urbed?	Are "Norma	al Circumstances" pr	esent?	Yes X	No	
Are Vegetation	N , Sc	oil N	, or Hydrology	Ν	naturally problem	matic?	(If needed,	explain any answers	in Remarks.)			
SUMMARY OF	FINDINGS Attach	site map showing	sampling point	locations, tr	ransects, im	portant featur	res, etc.					
Hydrophytic Ve	getation Present?		Yes	N	o <u>x</u>	Is the	Sampled Ar	ea				
Hydric Soil Pres	sent?		Yes <u>x</u>	N	0	within	n a Wetland?		Yes	No	Х	
Wetland Hydrol	logy Present?		Yes	N	0 <u> X </u>	-						
Remarks:												
VEGETATION	Use scientific name	es of plants.										
Trees Official (D)					Absolute	Dominant	Indicator					
ree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test	worksheet:			
1								Number of Domin				
2										0	()	`
3								That Ale OBL, FA	CVV, OF FAC.	0	(A	()
					·			Total Number of D	ominant			
J					·	= Total Cover		Species Across A	l Strata:	1	(B	:)
											(5	,
Sapling/Shrub Strat	tum (Plot size: 15' radius)							Percent of Domina	ant Species			
1.	,							That Are OBL, FA	' CW, or FAC:	0%	⁄а (А	/B)
2.								,			`	,
3.												
4.								Prevalence Index	worksheet:			
5.												
						= Total Cover		Total % 0	Cover of:	М	ultiply by:	
						-		That Are OBL, FAC	CW, or FAC:		A/	′B
Herb Stratum (Plot	size: 5' radius)		_					OBL species		x1 =		
1. Glycine max					85%	Yes	UPL	FACW species		x2 =		
2. Abutilon theoph	hrasti				10%	No	FACU	FAC species		x3 =		
3. Sida spinosa					5%	No	FACU	FACU species	15%	x4 =	0.60	
4								UPL species	85%	x5 =	4.25	
5								Column Totals:	100%	(A)	4.85	(B)
6					·							
<i>(</i>								Preva	ence Index = B	/A =	4.85	
ö												
9									totion Indiant			
10					·	·		nyuropnytic veg	etation indicate	л 5 :		
10					<u></u>	·		1 Denid	Loct for Undra-	Ntio Vogeteti-	n	
12					·	·				iyuc vegetatic	11	
14					·			2-Domina 3-Prevala	ance index is <9	5.0 ¹		
14 15								4-Morphe	logical Adaptat	ions ¹ (Provide	supporting	
16									emarke or on o	separato aba	ot)	
17								Problem	atic Hvdronhvtir	Vegetation ¹ (Explain)	
10									, .	<u> </u>		

18. 19. 20.	100%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			I

Jonth	Matrix		Po	day Easturas				
inches)		%	Color (moist)		Type ¹	loc^2	- Texture	Remarks
					<u> </u>			Keinarks
0-16	101R 4/2	95	10YR 3/6	5		IVI	Clay Loam	
¹ Type: C=Cc	ncentration D=Deple	tion RM=Redu	uced Matrix CS=Covere	d or Coated	Sand Grains	² l ocat	ion [.] PI =Pore I ining	 M=Matrix
ydric Soil In	dicators ³ :	,	,			Tes	t Indicators of Hyd	ric Soils:
Histosol	(A1)		Sandy Gley	ed Matrix (S4))		Iron-Manga	anese Masses (F12)
Histic Ep	bipedon (A2)		Sandy Redo	x (S5)			Very Shall	ow Dark Surface (F22)
Black Hi	stic (A3)		Stripped Ma	trix (S6)			Other (Exp	lain in Remarks)
Hydroge	n Sulfide (A4)		Dark Surfac	e (S7)				
Stratified	d Layers (A5)		Loamy Muc	ky Mineral (F1	1)			
2 cm Mu	ick (A10)		Loamy Gley	ed Matrix (F2)			
 Depleted	d Below Dark Surface	(A11)	X Depleted Ma	atrix (F3)				
Thick Da	ark Surface (A12)		Redox Dark	Surface (F6)			³ The hydric soil i	ndicators have been updated to
Sandy M	lucky Mineral (S1)		Depleted Da	ark Surface (F	7)		comply with th	ne Field Indicators of Hydric Soils
5 cm Mu	icky Peat or Peat (S3))	Redox Depr	essions (F8)			in the United	States , Version 8.0, 2016.
estrictive I a	aver (if observed):							
Type:								
Denth (in	iches):					Hydric	Soil Present?	Yes X No
marks:								
Marks: YDROLC	OGY rology Indicators:							
emarks: YDROLC /etland Hydi ?rimary Indica	OGY rology Indicators: ators (minimum of one	e is required: cl	neck all that apply)				Secondary Indica	ators (minimum of two required)
emarks: YDROLC /etland Hydu Primary Indica Surface	DGY rology Indicators: ators (minimum of one Water (A1)	is required: cl	neck all that apply) Water-Stain	ed Leaves (B	.9)		Secondary Indica	ators (minimum of two required) vil Cracks (B6)
PMARKS: YDROLC Vetland Hydu Vrimary Indica Surface High Wa	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	e is required: cl	neck all that apply) Water-Stain Aquatic Fau	ed Leaves (B na (B13)	9)		Secondary Indica	ators (minimum of two required) vil Cracks (B6) Patterns (B10)
Primarks: YDROLC Vetland Hydu Primary Indica Surface High Wa Saturatio	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)	e is required: cl	neck all that apply) Water-Stain Aquatic Fau True Aquati	ed Leaves (B na (B13) c Plants (B14	9)		Secondary Indica Surface So Drainage F Dry-Seaso	ators (minimum of two required) oil Cracks (B6) Patterns (B10) n Water Table (C2)
PMARKS: YDROLC /etland Hydu rimary Indica Surface High Wa Saturatio Water M	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1)	∋ is required: cl	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C	.9)) C1)		Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8)
PMARKS: PUROLC Tetland Hydu rimary Indica Surface High Wa Saturatio Water M Sedimer	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2)	is required: cl	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o	9)) C1) n Living Root		Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)
Primarks: YDROLC Vetland Hydr Primary Indica Surface High Wa Saturation Water M Sedimer Drift Dep	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3)	e is required: cl	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rr Presence of	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron	9)) C1) n Living Root n (C4)	:s (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
Marks: YDROLC /etland Hydu rimary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	is required: cl	neck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduction in	9)) 21) n Living Root n (C4) Tilled Soils (¹	is (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bo Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
Primarks: Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	is required: cl	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iroi Reduction in Surface (C7)	9)) C1) n Living Root n (C4) Tilled Soils (s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) oil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
Permarks: YDROLC /etland Hydu 'rimary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Im	is required: cl	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron Reduced Iron Surface (C7) ell Data (D9)	9)) C1) n Living Root n (C4) Tilled Soils (¹	s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
emarks: YDROLC etland Hydr rimary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial In / Vegetated Concave	is required: cl is required: cl nagery (B7) Surface (B8)	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o r Reduced Iron Reduction in Gurface (C7) fell Data (D9) ain in Remark	9)) C1) n Living Root n (C4) Tilled Soils (ss)	rs (C3) C6)	Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) oil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
Primarks: YDROLC /etland Hydu rimary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial In r Vegetated Concave	is required: cl nagery (B7) Surface (B8)	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iroi Reduction in Surface (C7) ell Data (D9) ain in Remark	9)) C1) n Living Root n (C4) Tilled Soils (ss)	s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) oil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Im y Vegetated Concave ations: or Present?	ais required: cl nagery (B7) Surface (B8)	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rr Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron Reduced Iron Reduction in Surface (C7) fell Data (D9) ain in Remark	9)) C1) n Living Root n (C4) Tilled Soils (ss)	s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Im v Vegetated Concave ations: or Present?	agery (B7) Surface (B8) Yes No Yes No	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla X Depth (inches	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron Reduction in Surface (C7) fell Data (D9) ain in Remark	9)) C1) n Living Root n (C4) Tilled Soils ((s)	c6)	Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) oil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial In / Vegetated Concave ations: r Present? Present?	a is required: cl hagery (B7) Surface (B8) Yes No Yes No Yes No Yes No	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla X Depth (inches X Depth (inches	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduction in Surface (C7) ell Data (D9) ain in Remark	9)) 21) n Living Root n (C4) Tilled Soils (ss) Wetland	s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bo Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
Primarks: Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely Surface Water Vater Table F Saturation Pro- ncludes cap	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial Im / Vegetated Concave ations: or Present? Present? esent? esent? illary fringe)	e is required: cl hagery (B7) Surface (B8) Yes No Yes No Yes No	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla X Depth (inches X Depth (inches	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iroi Reduction in Surface (C7) ell Data (D9) ain in Remark c): N/A c): N/A	9)) 21) n Living Root n (C4) Tilled Soils (ss) Wetlanc	s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5) Yes No
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emarks: YDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely ield Observa Surface Water Vater Table F Saturation Pro- includes cap Describe Rec	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Im / Vegetated Concave ations: ar Present? Present? esent? illary fringe) porded Data (stream g	e is required: cl nagery (B7) Surface (B8) Yes No Yes No Yes No Yes No auge, monitori	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rr Presence of Recent Iron Thin Muck S Gauge or W Other (Expla X Depth (inches X Depth (inches X Depth (inches	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron Reduction in Surface (C7) fell Data (D9) ain in Remark c): N/A c): N/A c): N/A	9)) C1) n Living Root n (C4) Tilled Soils (((s) Wetland ctions), if ava	ts (C3) C6) Hydrolo	Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) pil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5) Yes No
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Project/Site:	Site: Pleasant Prairie					City/County: Galloway/Franklin Sampling Date: 9/29/2				
Applicant/Owner:	Inenergy					State	: <u>OH</u>	Sampling Point:	dp009	
Investigator(s):	B Hess						Section, Townsh	ip, Range: <u>N/A</u>		
Landform (hillslope,	terrace, etc.):	Summit					Loc	al relief (concave, convex, none): <u>r</u>	none	
Slope (%):	<u> 0% </u>	t:	39.8925			Long:		-83.1727	Datum: NAD83 UTM16N	
Soil Map Unit Name	: Kokomo silty clay loam, 0 to 2	percent slopes (Ko)						NWI classifi	cation: none	
Are climatic / hydrol	ogic conditions on the site typica	l for this time of year	?			Yes	X No	(If no, explain in Remarks.)		
Are Vegetation	N, Soil	N	, or Hydrology	N sign	nificantly distu	urbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No	
Are Vegetation	N , Soil	Ν	, or Hydrology	N natu	urally problen	natic?	(If needed,	explain any answers in Remarks.)		
SUMMARY OF	FINDINGS Attach site	map showing s	ampling point locat	ions, trans	sects, imp	oortant featur	es, etc.			
Hydrophytic Veo	petation Present?		Yes	No	X	Is the	Sampled Are	ea		
Hydric Soil Pres	sent?		Yes x	No		withir	a Wetland?	Yes	No x	
Wetland Hydrol	ogy Present?		Yes	No	Х					
Remarks: VEGETATION -	Use scientific names c	of plants.								
		•			Absolute	Dominant	Indicator			
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:		
1										
2								Number of Dominant Species		
3								That Are OBL, FACW, or FAC:	0 (A)	
4										
5								Total Number of Dominant		
						= Total Cover		Species Across All Strata:	1 (B)	
Sapling/Shrub Strate	um (Plot size: 15' radius)							Percent of Dominant Species		
1								That Are OBL, FACW, or FAC:	0% (A/B)	
2										
3										
4.								Prevalence Index worksheet:		
5.										
						= Total Cover		Total % Cover of:	Multiply by:	
								That Are OBL, FACW, or FAC:	A/B	
Herb Stratum (Plot	size: 5' radius)							OBL species	x1 =	
1. Glycine max					85%	Yes	UPL	FACW species 5%	x2 = 0.10	
2. Abutilon theoph	rasti				5%	No	FACU	FAC species	x3 =	
3. Sida spinosa					5%	No	FACU	FACU species 10%	x4 = 0.40	
4. Echinochloa cru	ıs-galli				5%	No	FACW	UPL species 85%	x5 = 4.25	
5								Column Totals: 100%	(A) <u>4.75</u> (B)	
6										
7								Prevalence Index = E	3/A = 4.75	
8										
9										
10								Hydrophytic Vegetation Indicat	ors:	
11										
12								1-Rapid Test for Hydrop	hytic Vegetation	
13								2-Dominance Test is >5	i0%	
14								3-Prevalence Index is ≤	3.U Aisma 1 (Daassi da saaran di	
15								4-Morphological Adapta	uons (Provide supporting	
16								data in Remarks or on a	a separate sheet)	
17								Problematic Hydrophyti	c vegetation (Explain)	
18								1	and baseline to the state	
19								indicators of hydric soil and wetle	and hydrology must	
20								be present, unless disturbed or p	problematic.	
					100%	= Total Cover				
										
Woody Vine Stratun	n (Plot size: 30' radius)							Hydrophytic		
1								Vegetation		
2								Present? Yes	No X	
						= Total Cover				
Remarks: (Include	photo numbers here or on a sepa	arate sheet.)								

rome Desci	iption. (Describe to ti	-						
Depth	Matrix		Re	dox Features			_	
inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-16"	10YR 3/1	95	10YR 3/6	5	С	М	Clay Loam	
					·			
·								
Type: C=C	oncentration, D=Depleti	on, RM=Redu	iced Matrix, CS=Cover	ed or Coated	Sand Grains.	² Locat	ion: PL=Pore Linir	ng, M=Matrix.
ydric Soil Ir	ndicators ³ :					Tes	t Indicators of Hy	dric Soils:
Histoso	(A1)		Sandy Gley	ed Matrix (S4	·)		Iron-Mang	janese Masses (F12)
Histic E	pipedon (A2)		Sandy Red	ox (S5)			Very Shal	low Dark Surface (F22)
Black H	istic (A3)		Stripped Ma	atrix (S6)			Other (Ex	plain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surfac	ce (S7)				
Stratifie	d Layers (A5)		Loamy Muc	ky Mineral (F	1)			
2 cm Mi	uck (A10)		Loamy Gley	ed Matrix (F2	2)			
Deplete	d Below Dark Surface (A11)	Depleted M	atrix (F3)				
Thick D	ark Surface (A12)		X Redox Dark	Surface (F6))		³ The hydric soil	indicators have been updated to
Sandy N	/ucky Mineral (S1)		Depleted D	ark Surface (F	=7)		comply with	the Field Indicators of Hydric Soils
5 cm Mi	ucky Peat or Peat (S3)		Redox Dep	ressions (F8)	,		in the United	States , Version 8.0, 2016.
estrictive l	aver (if observed):							
Type [.]								
Depth (ir	chec):					Hydric	Soil Present?	Ves X No
YDROL(DGY rology Indicators:							
YDROLC	DGY rology Indicators: ators (minimum of one	is required: ch	neck all that apply)				Secondary Indic	cators (minimum of two required)
YDROLO /etland Hyd Primary Indic Surface	DGY rology Indicators: ators (minimum of one Water (A1)	is required: ch	neck all that apply)	ned Leaves (E	39)		Secondary Indic	cators (minimum of two required) oil Cracks (B6)
YDROLO Vetland Hyd Vrimary Indic Surface High Wa	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: ch	neck all that apply) Water-Stair Aquatic Fat	ned Leaves (B una (B13)	39)		Secondary Indic	cators (minimum of two required) ioil Cracks (B6) Patterns (B10)
YDROLO /etland Hyd Primary Indic Surface High Wa Saturati	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquat	ned Leaves (E una (B13) ic Plants (B14	39)		Secondary Indic Surface S Drainage Dry-Sease	cators (minimum of two required) ioil Cracks (B6) Patterns (B10) on Water Table (C2)
YDROLC /etland Hyd rimary Indic Surface High Wa Saturati Water M	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1)	is required: ch	neck all that apply) Water-Stair Aquatic Fai True Aquat Hydrogen S	ned Leaves (E una (B13) c Plants (B14 sulfide Odor ((39) 1) C1)		Secondary Indic Surface S Drainage Dry-Sease Crayfish E	cators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8)
YDROLO etland Hyd rimary Indic Surface High Wa Saturati Water M Sedime	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2)	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S	ned Leaves (B una (B13) ic Plants (B14 sulfide Odor (C nizospheres o	39) I) C1) on Living Root	s (C3)	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturatior	cators (minimum of two required) toil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9)
YDROLO retland Hyd rimary Indic Surface High Wa Saturati Water M Sedime Drift De	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3)	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o	ned Leaves (E una (B13) ic Plants (B14 sulfide Odor ((nizospheres o f Reduced Iro	39) I) C1) ın Living Root ın (C4)	s (C3)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o	cators (minimum of two required) ioil Cracks (B6) Patterns (B10) ion Water Table (C2) Burrows (C8) in Visible on Aerial Imagery (C9) r Stressed Plants (D1)
YDROLO etland Hyd rimary Indic Surface High Wa Saturati Water M Sedime Drift De Algal Ma	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	is required: ch	neck all that apply) Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized Ri Presence o Recent Iror	ned Leaves (E una (B13) to Plants (B14 sulfide Odor (C nizospheres o f Reduced Iro Reduction in	39) () C1) on Living Root n (C4) Tilled Soils ((s (C3)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpl	cators (minimum of two required) ioil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2)
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YDROLO etland Hyd rimary Indic Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima	is required: ch	neck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or W	ned Leaves (E una (B13) c Plants (B14 sulfide Odor ((nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9)	39) C1) n Living Root n (C4) Tilled Soils ((s (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpl FAC-Neut	cators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2) tral Test (D5)
YDROLO etland Hyd rimary Indic Surface High Wa Saturati Water N Sedime Drift De Algal Ma Iron De Inundati Sparsel	DGY rology Indicators: ators (minimum of one i Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Imagy y Vegetated Concave S	is required: ch agery (B7) Surface (B8)	neck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or V Other (Expl	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark	39) C1) on Living Root n (C4) Tilled Soils ((s (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	cators (minimum of two required) roil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) nic Position (D2) tral Test (D5)
YDROLO etland Hyd rimary Indic Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel eld Observer	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations:	is required: ch agery (B7) Surface (B8)	neck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or V Other (Expl	ned Leaves (E una (B13) c Plants (B14 sulfide Odor ((nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark	39) C1) n Living Root n (C4) Tilled Soils ((s (C3) C6)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpl FAC-Neut	cators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2) tral Test (D5)
YDROLO	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: pr Present?	is required: ch agery (B7) Surface (B8) Yes No	Neck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or W Other (Expl	ned Leaves (B una (B13) ic Plants (B14 sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark	39) C1) on Living Root in (C4) Tilled Soils (f	s (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	cators (minimum of two required) toil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) In Stressed Plants (D1) hic Position (D2) tral Test (D5)
YDROLO rimary Indic Surface High Wa Saturati Water N Sedime Drift De Drift De Iron Deg Inundati Sparsel eld Observ urface Water	DGY rology Indicators: ators (minimum of one i Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present?	is required: ch agery (B7) Surface (B8) Yes <u>No</u>	Aquatic Fau Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or W Other (Expl X Depth (inche	ned Leaves (B una (B13) ic Plants (B14 sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A	39) C1) on Living Root n (C4) Tilled Soils ((ss)	s (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	cators (minimum of two required) toil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2) tral Test (D5)
YDROLO	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present?	is required: ch agery (B7) Surface (B8) Yes <u>No</u> Yes <u>No</u>	neck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or W Other (Expl X Depth (inche X Depth (inche X Depth (inche	ned Leaves (E una (B13) ic Plants (B14 sulfide Odor ((nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A	39) C1) on Living Root n (C4) Tilled Soils (((s) Wetland	s (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	cators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) nic Position (D2) tral Test (D5)
YDROLO	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present? esent?	is required: ch agery (B7) Surface (B8) Yes <u>No</u> Yes <u>No</u>	Leck all that apply) Water-Stair Aquatic Fai True Aquatic Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or V Other (Expl X Depth (inche X Depth (inche X Depth (inche	ned Leaves (E una (B13) ic Plants (B14 culfide Odor ((nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A	39) C1) n Living Root n (C4) Tilled Soils (((s) Wetland	s (C3) C6)	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturation Stunted o Geomorpl FAC-Neut	cators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2) tral Test (D5) Yes No X
YDROLO	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present? esent? iillary fringe) porded Data (stream ga	is required: ch agery (B7) Surface (B8) Yes <u>No</u> Yes <u>No</u> Yes <u>No</u>	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or V Other (Expl X Depth (inche X Depth (inche X Depth (inche X Depth (inche	ned Leaves (E una (B13) c Plants (B14 sulfide Odor ((nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A	39) 1) C1) n Living Root n (C4) Tilled Soils (((s) (s) Wetland ections), if ava	s (C3) C6) I Hydrolo	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	eators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2) tral Test (D5) Yes NoX
Vetland Hyd Primary Indic Surface High Wa Saturati Water N Sedime Drift De Algal Ma Iron Dep Inundati Sparsel ield Observ Surface Wate Vater Table Saturation Pr includes cap	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present? esent? illary fringe) corded Data (stream ga	is required: ch agery (B7) Surface (B8) Yes <u>No</u> Yes <u>No</u> Yes <u>No</u> uge, monitorir	meck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or W Other (Expl X Depth (inche	ned Leaves (E una (B13) ic Plants (B14 sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A	39) C1) on Living Root n (C4) Tilled Soils (((s) Wetland ections), if ava	s (C3) C6) I Hydrolo illable:	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	cators (minimum of two required) toil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) in Visible on Aerial Imagery (C9) in Stressed Plants (D1) hic Position (D2) tral Test (D5)
Vetland Hyd Primary Indic Surface High Wa Saturati Water N Sedime Drift De Algal Ma Iron Dep Inundati Sparsel ield Observ Surface Wate Vater Table Saturation Pr includes cap Describe Rec	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) boosits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present? esent? illary fringe) corded Data (stream ga	is required: ch agery (B7) Surface (B8) Yes <u>No</u> Yes <u>No</u> Yes <u>No</u>	Action Mater-Stair Aquatic Fau True Aquatic True Aquatic Aquatic Fau Oxidized RI Presence o Recent Iron Thin Muck Gauge or W Other (Expl X Depth (inche X Depth (inche	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A	39) C1) on Living Root n (C4) Tilled Soils (((s) (s) (wetland ections), if ava	s (C3) C6) I Hydrolo	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	eators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) nic Position (D2) tral Test (D5) Yes NoX
Vetland Hyd Primary Indic Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel ield Observ Surface Wate Vater Table Saturation Pr includes cap Describe Rec	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present? esent? illary fringe) corded Data (stream ga	is required: ch agery (B7) Surface (B8) Yes No Yes No Yes No uge, monitorir	Acceleration Mater-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized Ri Presence or Recent Iron Thin Muck Gauge or W Other (Expl X Depth (inche	ned Leaves (E una (B13) c Plants (B14 culfide Odor ((nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A	39) C1) n Living Root n (C4) Tilled Soils (((s) Wetland ections), if ava	s (C3) C6) I Hydrolo iilable:	Secondary India Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	eators (minimum of two required) foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) in Visible on Aerial Imagery (C9) in Stressed Plants (D1) hic Position (D2) tral Test (D5) Yes <u>No X</u>
YDROLO	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) fon Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present? esent? illary fringe) corded Data (stream ga	is required: ch agery (B7) Surface (B8) Yes <u>No</u> Yes <u>No</u> yes <u>No</u> uge, monitorir	Meck all that apply) Water-Stair Aquatic Fau True Aquatic True Aquatic Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or W Other (Expl X Depth (inche	ned Leaves (E una (B13) ic Plants (B14 sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A revious inspe	39) C1) on Living Root n (C4) Tilled Soils (((s) Wetlanc ections), if ava	s (C3) C6) I Hydrolo iilable:	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	cators (minimum of two required) toil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) hic Position (D2) tral Test (D5)
YDROLO	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? esent? illary fringe) corded Data (stream ga	is required: ch agery (B7) Surface (B8) Yes <u>No</u> Yes <u>No</u> Yes <u>No</u> uge, monitorir	neck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck Gauge or W Other (Expl X Depth (inche X Depth (inche X Depth (inche X Depth (inche	ned Leaves (B una (B13) ic Plants (B14 sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A revious inspe	39) C1) on Living Root in (C4) Tilled Soils (((s) Wetland ections), if ava	s (C3) C6) I Hydrolo illable:	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	eators (minimum of two required) foil Cracks (B6) Patterns (B10) fon Water Table (C2) Burrows (C8) in Visible on Aerial Imagery (C9) in Stressed Plants (D1) fric Position (D2) tral Test (D5)
YDROLO etland Hyd rimary Indic Surface High Wa Saturati Water N Sedime Drift De Algal Ma Iron Deg Inundati Sparsel eld Observ urface Wate /ater Table aturation Pr ncludes cap rescribe Rec	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present? esent? illary fringe) corded Data (stream ga	is required: ch agery (B7) Surface (B8) Yes <u>No</u> Yes <u>No</u> Yes <u>No</u>	neck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized RI Presence o Recent Iror Thin Muck Gauge or V Other (Expl X Depth (inche X Depth (inche X Depth (inche X Depth (inche	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A	39) C1) n Living Root n (C4) Tilled Soils (((s) Wetland ections), if ava	s (C3) C6) I Hydrolo	Secondary Indic Surface S Drainage Dry-Sease Crayfish E Saturatior Stunted o Geomorpl FAC-Neut	eators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) nic Position (D2) tral Test (D5) Yes NoX

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	lin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy				State	e: OH	Sampling Point:	dp010
Investigator(s):	B Hess					Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	al relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.8984		Long:		-83.1835	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	am, 0 to 2 percent slopes (Ko)					NWI classifi	cation: PFO1C
Are climatic / hydrol	ogic conditions on the	site typical for this time of year	r?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	Ν	, Soil N	, or Hydrology N	naturally probler	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Att	ach site map showing	sampling point location	ns, transects, im	portant featu	res, etc.		
Hydrophytic Ve	getation Present?		Yes x	No	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes x	No	withi	n a Wetland?	Yes <u>x</u>	No
Wetland Hydrol	ogy Present?		Yes <u>x</u>	No				
Remarks:	lloo ociontifio	names of plants						
		names of plants.		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1.								
2.					·		Number of Dominant Species	
3.							That Are OBL, FACW, or FAC:	2 (A)
4.								
5.					·		Total Number of Dominant	
					= Total Cover		Species Across All Strata:	2 (B)
Sapling/Shrub Strat	<u>um</u> (Plot size: 15' rad	ius)					Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	100% (A/B)
2.								
3.								
4.							Prevalence Index worksheet:	
5.								
					= Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species 65%	x1 = 0.65
1. Carex frankii				45%	Yes	OBL	FACW species 50%	x2 = 1.00
2. Echinochloa cru	ıs-galli			40%	Yes	FACW	FAC species	x3 =
3. Alisma subcord	atum			15%	No	OBL	FACU species	x4 =
4. Bidens frondos	3			10%	No	FACW	UPL species	x5 =
5. Typha latifolia				5%	No	OBL	Column Totals: 115%	(A) <u>1.65</u> (B)
6					·			
7					·		Prevalence Index = E	3/A = 1.43
8					·			
9								
10							Hydrophytic Vegetation Indicat	ors:
11					·	·		had a Maria da di
12					·		X 1-Rapid Test for Hydrop	nytic Vegetation
13					·		X 2-Dominance Test is >5	0% 2 0 ¹
14					·		X 3-Prevalence Index is ≤	J.U tiono ¹ (Drouido oursetimes
15								
16							data in Remarks or on a	a separate sheet)
10					·			o vogetation (Expidin)
10					·		¹ Indicators of hydric soil and wat	and hydrology must
19.					·		he propert unless distants of	
20				1150/	- Total Cover		be present, unless disturbed or p	
L				115%	- Total Cover			
Moody Viza Ctart	Diot size: 201	c)					Hudronbutte	
vvoody vine Stratur	III (PIOLSIZE: 30' radiu	s)						
^{1.}					·		Procent?	X No
۲					- Total Occ		resent? Yes	∧ INO
					= 1 otal Cover			
Domestres (Include	nhoto numbers berg	ron a concepta -h+					1	
include	prioto numbers nere o	i on a separate sneet.)						

Profile Desc	ription: (Describe to	the depth need	ed to document the in	dicator or c	onfirm the a	bsence o	of indicators.)	
Depth	Matrix		Red	ox Features			_	
(inches)	Color (moist)	%	Color (moist)	%	Type'	Loc ²	Texture	Remarks
0-16"	10YR 3/1	95	10YR 3/6	5	С	Μ	Silty Clay	
¹ Type: C=C	oncentration, D=Depl	etion, RM=Reduc	ed Matrix, CS=Covere	d or Coated S	Sand Grains.	² Locat	ion: PL=Pore Lining	, M=Matrix.
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hydi	ric Soils:
Histoso	ol (A1)		Sandy Gleye	d Matrix (S4))		Iron-Manga	nese Masses (F12)
Histic E	Epipedon (A2)		Sandy Redox	(S5)			Very Shallo	w Dark Surface (F22)
Black ⊦	listic (A3)		Stripped Mat	rix (S6)			Other (Expl	ain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	e (S7)				
Stratifie	ed Layers (A5)		Loamy Muck	y Mineral (F1)			
2 cm M	uck (A10)		Loamy Gleye	d Matrix (F2))			
Deplete	ed Below Dark Surfac	e (A11)	Depleted Ma	trix (F3)				
Thick D	ark Surface (A12)		X Redox Dark	Surface (F6)			³ The hydric soil ir	idicators have been updated to
Sandy I	Mucky Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S	3)	X Redox Depre	ssions (F8)			in the United S	States , Version 8.0, 2016.
Restrictive I	aver (if observed):							
Type [.]								
Depth (i	nches).					Hydric	Soil Present?	Yes X No
HYDROL	OGY							
Wetland Hyd	Irology Indicators							
Primary India	cators (minimum of or	e is required: che	eck all that apply)				Secondary Indica	tors (minimum of two required)
Surface	Water (A1)	le le required. one	Water-Staine	d Leaves (B	9)		Surface Sol	il Cracks (B6)
High W	ator Table (A2)		Aquatic Faur	(B13)	0)		Drainago P	attorns (B10)
Tiight W	A = A = A = A = A = A = A = A = A = A =			Diante (B14)	\		Dry Socor	Water Table (C2)
<u> </u>	Marke (B1)		Hydrogen Su	lfide Odor (C	/ `1)		Dry-Geason	$\frac{1}{10000000000000000000000000000000000$
Valer i	ant Deposite (B2)		Ovidized Rhi		n Living Root	te (C3)	Saturation V	visible on Aerial Imageny (CQ)
Drift De	anosite (B3)		Dresence of	Zuspileies ui Reduced Iror	(C4)	is (03)	Saturation Stunted or	Stressed Plants (D1)
			Percent lass /			C (1)		
	at or Crust (B4)		Recent from i		Tilled Solis ((6)		C Position (D2)
Iron De	posits (B5)						X FAC-Neutra	ai Test (D5)
Inundat	tion Visible on Aerial I	magery (B7)	Gauge or We	ell Data (D9)				
Sparse	ly Vegetated Concave	e Surface (B8)	Other (Expla	in in Remark	s)			
Field Observ	vations:							
Surface Wat	er Present?	Yes No	X Depth (inches)	: N/A				
Water Table	Present?	Yes No	X Depth (inches)	: N/A				
Saturation P	resent?	Yes No	X Depth (inches)	: N/A	Wetland	d Hydrolo	gy Present?	Yes X No
(includes ca	oillary fringe)							
Describe Re	corded Data (stream	gauge, monitoring	g well, aerial photos, pr	evious inspe	ctions), if ava	ailable:		
1								
Remarks:								
1								

Project/Site:	Pleasant Prairie				City/County	/: Galloway/Frank	din	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy				State	e: OH	Sampling Point:	dp011
Investigator(s):	B Hess					Section, Townsh	nip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	cal relief (concave, convex, none): d	concave
Slope (%):	0% L	.at:	39.9013		Long:		-83.1856	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam, 0 to 2	2 percent slopes (Ko)			_		NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the site typic	cal for this time of yea	?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N , Soil	N	, or Hydrology N	significantly dis	turbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N , Soil	N	, or Hydrology N	naturally proble	ematic?	(If needed,	explain any answers in Remarks.)	
	FINDINGS Attach sit	e man showing	ampling point location	ons transects im	nortant featu	res etc		
	notation Dragant?	c map showing .		No.	lo the	Sompled Ar		
Hydric Soil Pres	ent?		Yes X	NO	_ is the within	n a Wotland?	ea Vec v	No
Wetland Hydrol	ogy Present?		Yes X	No				
Demonto de la compañía de la	-997		<u> </u>					
Remarks:								
	- Use scientific names	of plants.		۸ h = - ۱۰۰۴	Dominant	Indiantar		
Tree Stratum (Plot	size: 30' radius)			Absolute	Dominant	Status	Dominance Test workshoot	
1					Opecies !	Jialus	Sommance rest worksheet.	
2							Number of Dominant Spacias	
2 3								2 (A)
J							THAL ALE UDL, FAUVY, OF FAU	(A)
4				· ·			Total Number of Denvis	
5					- Table	·	rotal number of Dominant	
L					= Iotal Cover		Species Across All Strata:	<u> </u>
Sapling/Shrub Strate	um (Plot size: 15' radius)						Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	(A/B)
2								
3								
4							Prevalence Index worksheet:	
5.						·		
					= Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species 30%	x1 = 0.30
1. Echinochloa cru	ıs-galli			85%	Yes	FACW	FACW species 95%	x2 = 1.90
2. Eleocharis obtu	sa			30%	Yes	OBL	FAC species 10%	x3 = 0.30
3. Bidens frondosa	3			10%	No	FACW	FACU species	x4 =
4. Xanthium strum	arium			10%	No	FAC	UPL species	x5 =
5.							Column Totals: 135%	(A) <u>2.50</u> (B)
6.								
7.					_		Prevalence Index = E	B/A = 1.85
8.								
9.								
10.							Hydrophytic Vegetation Indicat	ors:
11.								
12.							X 1-Rapid Test for Hydror	hytic Vegetation
13							X 2-Dominance Test is SF	50%
14							x 3-Prevalence Index is <	3.0 ¹
15							4-Morphological Adapta	tions ¹ (Provide supporting
16							doto in Domentica en un	a soparato shoot)
17				· ·			Problematic Hydrophyti	a separate siteer) ic Vegetation ¹ (Evoluin)
10								u voyotation (∟∧pialii)
18							1 Indianters of Involutions 1	and hydrolo
19							indicators of hydric soil and wetl	and hydrology must
20							be present, unless disturbed or p	problematic.
				135%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)						Hydrophytic	
1							Vegetation	
2.							Present? Yes	X No
					= Total Cover		-	
					_			
Remarks: (Include	photo numbers here or on a se	parate sheet.)						
		-						

Profile Desc	ription: (Describe to th	ne depth needed	o document the in	dicator or co	onfirm the al	osence of	indicators.)	
Depth	Matrix		Red	ox Features	1			
(inches)	Color (moist)	% (Color (moist)	%	Туре	Loc ²	Texture	Remarks
0-16"	10YR 3/1	95	10YR 3/6	5	С	М	Clay Loam	
		· · · · · · · · · · · · · · · · · · ·						
				·				
¹ Turnet C=C		on DM=Dodwood	Matrix CS=Covered	- Cootod S	and Crains	² 1 a a a tia		Manatrix
	ndicators ³	on, Rivi-Reduced	Matrix, CS-Covered	I OF COALED S	and Grains.		Indicators of Hydr	
Histoso			Sandy Gleve	d Matrix (S4)		1630	Iron-Mandar	nese Masses (F12)
Histic F	Fnipedon (A2)		Sandy Redox	(S5)			Very Shallov	w Dark Surface (F22)
Black H	Histic (A3)		Stripped Mat	rix (S6)			Other (Expla	ain in Remarks)
Hvdrog	en Sulfide (A4)		Dark Surface	(S7)			0 (±/p.	
Stratifie	ed Lavers (A5)		Loamy Mucky	(O.) Mineral (F1)			
2 cm M	luck (A10)		Loamy Gleve	d Matrix (F2)	/			
Deplete	ed Below Dark Surface (A11)	Depleted Mat	trix (F3)				
Thick E	Dark Surface (A12)	,	X Redox Dark S	Surface (F6)			³ The hydric soil in	dicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Dar	k Surface (F	7)		comply with the	e Field Indicators of Hydric Soils
5 cm N	lucky Peat or Peat (S3)		X Redox Depre	ssions (F8)	,		in the United S	<i>tates</i> , Version 8.0, 2016.
Restrictive I	aver (if observed):							
Type:								
Depth (inches):					Hvdric	Soil Present?	Yes X No
HYDROL	OGY							
Wetland Hyd	drology Indicators:						I	
Primary Indi	cators (minimum of one i	is required: check	all that apply)				Secondary Indicat	tors (minimum of two required)
Surface	e Water (A1)		Water-Staine	d Leaves (B	9)		Surface Sol	I Cracks (B6)
High W	(ater Table (A2)		Aquatic Faun	a (B13)			Drainage Pa	atterns (B10)
Satural	tion (A3)		I rue Aquatic	Plants (B14)			Dry-Season	Water Table (C2)
Water	Marks (B1)		Hydrogen Su	Ifide Odor (C	1) Living Doots	(02)	Crayfish Bu	(isible on Asriel Imagen (CO)
Seaime	ent Deposits (B2)			zospheres or Poducod Iron		s (C3)	Saturation V	Strossod Plants (D1)
					r (04) Tilled Ceile <i>(</i> (
	nacific (B5)		Thin Muck Su			<i>(</i> 0 <i>)</i>	X EAC Noutra	L Tost (D5)
	tion Visible on Asriel Ima	acry (PZ)						
Inunua Snarse	luon visible on Aenai ina	urface (B8)	Other (Explai	n in Remarks	2)			
Opuloe	ly regelated concave c				,			
Field Observ	vations:							
Surface Wat	er Present?	Yes No X	Depth (inches)	: <u>N/A</u>				
Soturation D	Present?	$\frac{\text{Yes}}{1} = \frac{\text{NO} \times 1}{2}$	Depth (inches)	: N/A	Watland	Lludrolog	v Drocont?	
	nillary fringe)		Depth (inches)	. IN/A	vvetianu	пушоюу	ly Present?	
Describe Re	ecorded Data (stream da	uge. monitoring we	ell, aerial photos, pre	evious inspec	tions), if avai	lable:		
		5-,e	, p, p.					
Remarks:								

Project/Site:	Pleasant Prairie					City/County:	Galloway/Frank	lin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy					State:	ОН	Sampling Point:	dp012
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	
Landform (hillslope	e, terrace, etc.):	Summit					Loc	al relief (concave, convex, none): none
Slope (%):	0%	Lat:	39.9255			Long:		-83.202	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loan	n, 0 to 2 percent slopes (Ko)					NWI clas	sification: None
Are climatic / hydro	ologic conditions on the s	ite typical for this time of ye	ear?			Yes	X No	(If no, explain in Remarks	5.)
Are Vegetation	<u> </u>	, Soil N	, or Hydrology	N signi	ficantly distur	rbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	<u> </u>	, Soil N	, or Hydrology	N natu	rally problem	atic?	(If needed,	explain any answers in Remark	s.)
SUMMARY OF	FINDINGS Attac	ch site map showing	g sampling point lo	cations, trans	ects, imp	ortant featur	es, etc.		
Hydrophytic Ve	egetation Present?		Yes	No	Х	Is the	Sampled Are	ea	
Hydric Soil Pre	sent?		Yes x	No		within	a Wetland?	Yes	<u>No x</u>
Wetland Hydro	logy Present?		Yes	No	<u>X</u>				
Remarks:									
VEGETATION	Use scientific na	ames of plants.							
		•			Absolute	Dominant	Indicator		
Tree Stratum (Plot	t size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet	:
1									
2								Number of Dominant Species	
3								That Are OBL, FACW, or FAC	C: 0 (A)
4									
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	(B)
Copling/Chruh Stro	tum (Dist size, 15' radiu	e)						Demonstrat Demoissant Creasian	
Sapling/Shrub Stra	itum (Piot size: 15 radiu	s)						Percent of Dominant Species	
1								That Are OBL, FACVV, or FAC	
2									
3								Brovalance Index workshoot	
4								Frevalence index worksheet	•
5.						= Total Cover	·	Total % Cover of	Multiply by:
								That Are OBL. FACW. or FAC	: A/B
Herb Stratum (Plo	t size: 5' radius)							OBL species	x1 =
1. Glycine max	·		_		95%	Yes	UPL	FACW species	x2 =
2.								FAC species	x3 =
3.								FACU species	x4 =
4.								UPL species 95%	6 x5 = 4.75
5.								Column Totals: 95%	6 (A) 4.75 (B)
6.									
7.								Prevalence Index	= B/A = 5.00
8.									
9.									
10.								Hydrophytic Vegetation Indi	cators:
11									
12.								1-Rapid Test for Hyd	rophytic Vegetation
13.								2-Dominance Test is	s >50%
14								3-Prevalence Index i	s ≤3.0 ¹
15.								4-Morphological Ada	ptations ¹ (Provide supporting
16								data in Remarks or	on a separate sheet)
17								Problematic Hydrop	hytic Vegetation ¹ (Explain)
18.									

18	95%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1 2		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			

dp012

Depth	Maduit		D-					
(inchos)	Color (maint)	0/_	Color (moist)		Type ¹	L oc ²	- Toxturo	Pomarka
0 10"		70		70	1,990	LUC		Remarks
10.16"	10110 5/1		101/0 4/6					
10-16	10 fR 3/2	90	101K 4/0	10	U	IVI	Clay Loam	
1 						21		. M. Masheira
Type: C=Co	oncentration, D=Depleti	on, RM=Red	uced Matrix, CS=Cover	ed or Coated S	Sand Grains.	Locati	t Indicators of Hyd	g, M=Matrix.
Histosol	(A1)		Sandy Glev	ed Matrix (S4)		163	Iron-Mang	anese Masses (F12)
Histic Er	pipedon (A2)		Sandy Red	ox (S5)			Verv Shall	ow Dark Surface (F22)
Black Hi	stic (A3)		Stripped Ma	trix (S6)			Other (Exp	lain in Remarks)
Hydroge	n Sulfide (A4)		Dark Surfac	e (S7)				
Stratified	d Layers (A5)		Loamy Muc	ky Mineral (F1)			
2 cm Mu	ıck (A10)		Loamy Gley	ed Matrix (F2))			
X Depleted	d Below Dark Surface (A11)	Depleted M	atrix (F3)			2	
Thick Da	ark Surface (A12)		Redox Dark	Surface (F6)	_`		[°] The hydric soil i	ndicators have been updated to
Sandy N	iucky Mineral (S1)		Depleted D	ark Surface (F	()		comply with th	ne Field Indicators of Hydric Soils
5 cm Mu	icky Peat or Peat (S3)			essions (F8)			in the United	States, Version 8.0, 2016.
Restrictive La	ayer (if observed):							
Type:	-1		-			I la calada		
Depth (In	CODOD -					HVORIC	Soll Present?	YES À NO
emarks:			-					
iemarks:	OGY rology Indicators:		-					
emarks: IYDROLC Vetland Hydr Primary Indica	DGY rology Indicators: ators (minimum of one	is required: c	- heck all that apply) Water Stair	od Logyop (B	2)		Secondary Indica	ators (minimum of two required)
emarks: IYDROLC Vetland Hydr Primary Indica Surface	DGY rology Indicators: ators (minimum of one Water (A1)	is required: c	heck all that apply)	ed Leaves (B	9)		Secondary Indica	ators (minimum of two required) bil Cracks (B6)
emarks: IYDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquati	ed Leaves (B ina (B13) c Plants (B14)	9)		Secondary Indica	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2)
emarks: IYDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio Water M	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquati Hvdrogen S	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C	9)		Secondary Indica Surface So Drainage F Dry-Seaso Cravfish B	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8)
emarks: Primary Indica Surface High Wa Saturatio Water W Sedimer	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized Rł	ed Leaves (B Ina (B13) c Plants (B14) ulfide Odor (C nizospheres or	9)) :1) n Living Roo	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)
emarks: IYDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3)	is required: c	- heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł Presence o	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror	9)) :1) n Living Roo n (C4)	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
emarks: Primary Indica Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł Presence o Recent Iron	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C iizospheres or f Reduced Iror Reduction in	9) :1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Br Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
emarks: IYDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S	ed Leaves (B Ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduced Iror Reduction in Surface (C7)	9) :1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
emarks: Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W	ed Leaves (B Ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) 'ell Data (D9)	9) :1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
emarks: IYDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial Ima v Vegetated Concave S	is required: c agery (B7) surface (B8)	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W Other (Expl	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C izospheres or f Reduced Iror Reduction in Surface (C7) 'ell Data (D9) ain in Remarks	9) i:1) n Living Roo n (C4) Tilled Soils (s)	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
emarks: HYDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely Field Observa	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima / Vegetated Concave S ations:	is required: c agery (B7) burface (B8)	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W Other (Expl	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduced Iror Reduction in Surface (C7) 'ell Data (D9) ain in Remarks	9) i:1) n Living Roo n (C4) Tilled Soils (s)	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
emarks: IYDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely Surface Wate	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima / Vegetated Concave S ations: rr Present?	is required: c agery (B7) surface (B8) Yes No	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inchest)	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) (ell Data (D9) ain in Remarks s):NA	9) 1) 1) 1 Living Roo 1 (C4) Tilled Soils (s)	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Br Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
it Drift Dep Sedimer Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely ield Observa Surface Wate Nater Table F	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial Ima / Vegetated Concave S ations: or Present?	is required: c agery (B7) surface (B8) Yes No Yes No	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inchest	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C izospheres or f Reduced Iror Reduction in Surface (C7) 'ell Data (D9) ain in Remarks s): N/A	9) 11) 1 Living Roo 1 (C4) Tilled Soils (s)	ts (C3) (C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely Sield Observa Surface Wate Vater Table F Saturation Pre	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima / Vegetated Concave S ations: r Present? Present?	is required: c agery (B7) surface (B8) Yes No Yes No Yes No	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) fell Data (D9) ain in Remarks s): N/A s): N/A	9) i:1) n Living Roo n (C4) Tilled Soils (s) Wetland	ts (C3) (C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5) Yes No X
emarks: IYDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely Sield Observa Surface Water Vater Table F Saturation Pro- Saturation Pro-	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima / Vegetated Concave S ations: rr Present? Present? esent? esent? esent? esent?	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) 'ell Data (D9) ain in Remarks s): N/A s): N/A	9) 11) 1 Living Roo 1 (C4) Tilled Soils (s) Wetland	ts (C3) (C6) d Hydrolo	Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5) Yes NoX
iteld Observa Surface Water N Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely ield Observa Surface Water Nater Table F Saturation Pro includes cap Describe Rec	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial Ima / Vegetated Concave S ations: r Present? Present? esent? illary fringe) oorded Data (stream ga	is required: c agery (B7) surface (B8) Yes No Yes No Yes No Yes No yes No	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches X Depth (inches Depth (inches X Depth (inches Depth (inches)	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C izospheres or f Reduced Iror Reduction in Surface (C7) fell Data (D9) ain in Remarks s): N/A s): N/A s): N/A revious inspect	9) 1) 1 Living Roo n (C4) Tilled Soils (s) Wetland ctions), if ava	ts (C3) (C6) d Hydrolo	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5) Yes No X
Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely Field Observa Surface Water Vater Table F Saturation Pro (includes cap) Describe Reco	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima / Vegetated Concave S ations: or Present? Present? esent? esent? illary fringe) porded Data (stream ga	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No Yes No uge, monitori	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches N Depth (inches Depth (inches)	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) 'ell Data (D9) ain in Remarks s): N/A s): N/A s): N/A revious inspec	9) 1) 1 Living Roo 1 (C4) Tilled Soils (s) Wetland ctions), if ava	ts (C3) (C6) d Hydrolo	Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
Algal Ma Iron Dep Inundatio Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely Surface Water Water Table F Saturation Pro (includes cap) Describe Reco	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial Ima / Vegetated Concave S ations: r Present? Present? esent? illary fringe) orded Data (stream ga	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No Yes No uge, monitori	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches X Depth (inches Depth (inches	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C izospheres or f Reduced Iror Reduction in Surface (C7) 'ell Data (D9) ain in Remarks s): N/A s): N/A s): N/A revious inspect	9) 1) 1 Living Roo n (C4) Tilled Soils (s) Wetland ctions), if ava	ts (C3) (C6) d Hydrolo	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5) Yes NoX
emarks: IYDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely Sield Observa Surface Water Water Table F Saturation Pro (includes cap) Describe Reco	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial Ima / Vegetated Concave S ations: r Present? Present? esent? illary fringe) oorded Data (stream ga	is required: c agery (B7) surface (B8) Yes No Yes No Yes No yes No uge, monitori	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches X Depth (inches Depth (inches X Depth (inches	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C izospheres or f Reduced Iror Reduction in Surface (C7) fell Data (D9) ain in Remarks s): N/A s): N/A revious inspect	9) 1) 1 Living Roo n (C4) Tilled Soils (s) Wetland ctions), if ava	ts (C3) (C6) d Hydrolo	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
emarks: IYDROLC Vetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely Vater Table F Saturation Pro includes cap Describe Reco	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) bosits (B3) at or Crust (B4) bosits (B5) on Visible on Aerial Ima / Vegetated Concave S ations: rr Present? Present? esent? illary fringe) borded Data (stream ga	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches X Depth (inches Depth (inches)	ed Leaves (B ina (B13) c Plants (B14) ulfide Odor (C nizospheres or f Reduced Iror Reduction in Surface (C7) fell Data (D9) ain in Remarks s): N/A s): N/A s): N/A revious inspect	9) 1) 1 Living Roo 1 (C4) Tilled Soils (s) Wetland ctions), if ava	ts (C3) (C6) d Hydrolo	Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5) Yes NoX

Project/Site:	Pleasant Prairie			City/County:	Galloway/Frank	lin Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy			State:	ОН	Sampling Point: dp013
Investigator(s):	B Hess				Section, Townsh	ip, Range: N/A
Landform (hillslope	e, terrace, etc.): Summit				Loc	al relief (concave, convex, none): none
Slope (%):	0% Lat:	39.92119255		Long:		-83.1974 Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam, 0 to 2 percent slopes (K	0)				NWI classification: None
Are climatic / hydro	ologic conditions on the site typical for this time of y	ear?		Yes	X No	(If no, explain in Remarks.)
Are Vegetation	N, Soil N	, or Hydrology N	significantly distu	Irbed?	Are "Norma	al Circumstances" present? Yes X No
Are Vegetation	N, Soil N	, or Hydrology N	naturally problem	natic?	(If needed,	explain any answers in Remarks.)
SUMMARY OF	FINDINGS Attach site map showin	g sampling point location	s, transects, imp	ortant featur	es, etc.	
Hydrophytic Ve	egetation Present?	Yes <u>x</u>	No	Is the	Sampled Are	ea
Hydric Soil Pre	esent?	Yes	No <u>x</u>	within	a Wetland?	Yes NoX
Wetland Hydro	ology Present?	Yes	No <u>x</u>			
Remarks:						
VEGETATION	Use scientific names of plants.		Absolute	Dominant	Indicator	
Tree Stratum (Plot	t size: 30' radius)		% Cover	Species?	Status	Dominance Test worksheet:
2.						Number of Dominant Species
3.						That Are OBL, FACW, or FAC: 1 (A)
4.						
5.						Total Number of Dominant
				= Total Cover		Species Across All Strata: 1 (B)
Sapling/Shrub Stra	tum (Plot size: 15' radius)					Percent of Dominant Species
1						That Are OBL, FACW, or FAC: 100% (A/B)
2						
3						
4						Prevalence Index worksheet:
5.						
				= Total Cover		Total % Cover of: Multiply by:
Llark Stratum (Dla	t aiza, El radiua)					That Are OBL, FACW, or FAC: A/B
1 Bee protonoio		_	250/	Vac		
				res	FAC	FAC species $x_2 = $
2						FACU species X3 =
۵ ۵						I Pool species x4 - I IPI species x5 =
5.						Column Totals: 35% (A) 1.05 (B)
6.						
7.						Prevalence Index = B/A = 3.00
8.						
9.						
10.						Hydrophytic Vegetation Indicators:
11.						
12.						1-Rapid Test for Hydrophytic Vegetation
13.						X 2-Dominance Test is >50%
14.						3-Prevalence Index is ≤3.0 ¹
15.						4-Morphological Adaptations ¹ (Provide supporting
16.						data in Remarks or on a separate sheet)
17						Problematic Hydrophytic Vegetation ¹ (Explain)
18.						

18. 19. 20.	35%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1 2		= Total Cover	Hydrophytic Vegetation Present? Yes X No
Remarks: (Include photo numbers here or on a separate sheet.)			

SOIL Warning - Depleted Layer Needs To Be At Least Six Inches Sampling Point: dp013 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix **Redox Features** Type (inches) Color (moist) % Color (moist) Loc² Texture Remarks % 0-12" 10YR 3/1 95 Clav Loam С 10YR 5/2 90 10YR 4/6 10 12-16" Μ Clay Loam ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix. Hvdric Soil Indicators³: Test Indicators of Hydric Soils: Sandy Gleyed Matrix (S4) Histosol (A1) Iron-Manganese Masses (F12) Histic Epipedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Black Histic (A3) Stripped Matrix (S6) Other (Explain in Remarks) Hydrogen Sulfide (A4) Dark Surface (S7) Loamy Mucky Mineral (F1) Stratified Layers (A5) 2 cm Muck (A10) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) ³The hydric soil indicators have been updated to Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils 5 cm Mucky Peat or Peat (S3) Redox Depressions (F8) in the United States, Version 8.0, 2016. Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No Remarks: HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check all that apply) Secondary Indicators (minimum of two required) Surface Water (A1) Water-Stained Leaves (B9) Surface Soil Cracks (B6) High Water Table (A2) Aquatic Fauna (B13) Drainage Patterns (B10) Saturation (A3) True Aquatic Plants (B14) Dry-Season Water Table (C2) Water Marks (B1) Hydrogen Sulfide Odor (C1) Cravfish Burrows (C8) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Drift Deposits (B3) Geomorphic Position (D2) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Iron Deposits (B5) Thin Muck Surface (C7) FAC-Neutral Test (D5) Gauge or Well Data (D9) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No X Depth (inches): N/A Water Table Present? No X Depth (inches): N/A Saturation Present? No X Depth (inches): N/A Wetland Hydrology Present? Yes Yes Х No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Project/Site:	Pleasant Prairie					City/County:	Galloway/Frank	lin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy					State:	ОН	Sampling Point:	dp014
Investigator(s):	B Hess						Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope	e, terrace, etc.):	Summit					Loc	al relief (concave, convex, non	e): none
Slope (%):	0%	Lat:	39.9196			Long:		-83.196	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam, 0	to 2 percent slopes (Ko)					NWI cla	assification: None
Are climatic / hydro	ologic conditions on the site	typical for this time of ye	ear?			Yes	X No	(If no, explain in Remar	ks.)
Are Vegetation	<u> </u>	oil N	, or Hydrology	N sign	ificantly distu	irbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	<u> </u>	oil N	, or Hydrology	N natu	rally problem	natic?	(If needed,	explain any answers in Remar	ks.)
SUMMARY OF	FINDINGS Attach	site map showing	g sampling point lo	ocations, trans	ects, imp	ortant featur	es, etc.		
Hydrophytic Ve	egetation Present?		Yes <u>x</u>	No		Is the	Sampled Are	ea	
Hydric Soil Pre	esent?		Yes	No	Х	within	a Wetland?	Yes_	<u> </u>
Wetland Hydro	ology Present?		Yes	No	Х				
Remarks:									
VEGETATION	Use scientific nam	es of plants.							
					Absolute	Dominant	Indicator		
Tree Stratum (Plo	t size: 30' radius)			—	% Cover	Species?	Status	Dominance Test workshee	t:
1									
2								Number of Dominant Specie	s (A)
3								That Are OBL, FACW, or FA	C: <u>2</u> (A)
4								Total Number of Dominant	
J								Species Across All Strate:	2 (B)
								Species Across Air Strata.	(B)
Sapling/Shrub Stra	tum (Plot size: 15' radius)							Percent of Dominant Specie	8
1								That Are OBL FACW, or FA	с 100% (A/B)
2									
3									
4.								Prevalence Index workshee	et:
5.									
L						= Total Cover		Total % Cover of:	Multiply by:
								That Are OBL, FACW, or FA	C: A/B
<u>Herb Stratum</u> (Plo	t size: 5' radius)							OBL species	x1 =
1. Panicum dicho	otomiflorum				70%	Yes	FACW	FACW species 70	0% x2 = 1.40
2. Poa pratensis					35%	Yes	FAC	FAC species 35	5% x3 = 1.05
3.								FACU species	x4 =
4								UPL species	x5 =
5.								Column Totals: 10	5% (A) 2.45 (B)
6.									
7								Prevalence Inde	x = B/A =2.33
8									
9									
10								Hydrophytic Vegetation Inc	dicators:
11									
12								1-Rapid Test for Hy	drophytic Vegetation
13								X 2-Dominance Test	is >50%
14								3-Prevalence Index	is ≤3.0'
15								4-Morphological Ad	aptations ¹ (Provide supporting
16								data in Remarks of	r on a separate sheet)
17								Problematic Hydro	phytic Vegetation' (Explain)
18.								1	

18. 19. 20.	105%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		= Total Cover	Hydrophytic Vegetation Present? Yes X No
Remarks: (Include photo numbers here or on a separate sheet.)			

SOIL Warning - Depleted Layer Needs To Be At Least Six Inches Sampling Point: dp014 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix **Redox Features** Type (inches) Color (moist) % Color (moist) Loc² Texture Remarks % 0-12" 10YR 3/1 100 Clav Loam С 10YR 5/2 90 10YR 4/6 10 12-16" Μ Clay Loam ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix. Hvdric Soil Indicators³: Test Indicators of Hydric Soils: Sandy Gleyed Matrix (S4) Histosol (A1) Iron-Manganese Masses (F12) Histic Epipedon (A2) Sandy Redox (S5) Very Shallow Dark Surface (F22) Black Histic (A3) Stripped Matrix (S6) Other (Explain in Remarks) Hydrogen Sulfide (A4) Dark Surface (S7) Loamy Mucky Mineral (F1) Stratified Layers (A5) 2 cm Muck (A10) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) ³The hydric soil indicators have been updated to Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) comply with the Field Indicators of Hydric Soils 5 cm Mucky Peat or Peat (S3) Redox Depressions (F8) in the United States, Version 8.0, 2016. Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No Remarks: HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: check all that apply) Secondary Indicators (minimum of two required) Surface Water (A1) Water-Stained Leaves (B9) Surface Soil Cracks (B6) High Water Table (A2) Aquatic Fauna (B13) Drainage Patterns (B10) Saturation (A3) True Aquatic Plants (B14) Dry-Season Water Table (C2) Water Marks (B1) Hydrogen Sulfide Odor (C1) Cravfish Burrows (C8) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Drift Deposits (B3) Geomorphic Position (D2) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Iron Deposits (B5) Thin Muck Surface (C7) FAC-Neutral Test (D5) Gauge or Well Data (D9) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No X Depth (inches): N/A Water Table Present? No X Depth (inches): N/A Saturation Present? No X Depth (inches): N/A Wetland Hydrology Present? Yes Yes Х No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp015
Investigator(s):	B Hess					Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	al relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.9287		Long:		-83.1998	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam	, 0 to 2 percent slopes (Ko)					NWI classifi	cation: PEM1A
Are climatic / hydrol	ogic conditions on the sit	e typical for this time of year	?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	<u> </u>	Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	<u>N</u>	Soil N	, or Hydrology N	naturally problem	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	h site map showing s	ampling point location	s, transects, imp	oortant featur	res, etc.		
Hydrophytic Veg	getation Present?		Yes x	No	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes x	No	within	a Wetland?	Yes <u>x</u>	No
Wetland Hydrol	ogy Present?		Yes x	No				
Remarks:	lloo opiontifio no	mag of plants						
		illes of plants.		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1.								
2.							Number of Dominant Species	
3							That Are OBL, FACW, or FAC:	(A)
4								
5.							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radius)					Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	100% (A/B)
2					·			
3					· - <u></u> .			
4							Prevalence Index worksheet:	
5.								
					= Total Cover		Total % Cover of:	Multiply by:
Herb Stratum (Plot	size: 5' radius)						OBL species 00%	<u> </u>
1 Typha angustife				70%	Vos	OPI	EACW species 90%	X10.90
2 Eleocharis obtu	sa			20%	No		FAC species 5%	x2 - 0.20
3 Oenothera bien	nis			5%	No	FACU	FACIL species 7%	x4 = 0.28
4. Potentilla norve	aica			5%	No	FAC	UPL species	x5 =
5. Cyperus escule	ntus			5%	No	FACW	Column Totals: 112%	(A) 1.53 (B)
6. Persicaria pens	ylvanica			5%	No	FACW		
7. Abutilon theoph	rasti			2%	No	FACU	Prevalence Index = E	3/A = 1.37
8.								
9.								
10.							Hydrophytic Vegetation Indicat	ors:
11								
12							X 1-Rapid Test for Hydrop	hytic Vegetation
13							X 2-Dominance Test is >5	0%
14							X 3-Prevalence Index is ≤	3.0 ¹
15							4-Morphological Adapta	tions ¹ (Provide supporting
16							data in Remarks or on	a separate sheet)
17							Problematic Hydrophyti	c Vegetation ¹ (Explain)
18							1	
19							'Indicators of hydric soil and wetl	and hydrology must
20					·		be present, unless disturbed or p	problematic.
L				112%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)						Hydrophytic	
1							Vegetation	
2							Present? Yes _	X No
					= Total Cover			
	ula de la la la la							
Remarks: (Include	pnoto numbers here or o	n a separate sheet.)						

dp015

		•	5	day Ct·····			,	
Deptn (inches)	Color (moist)	0/2	Color (moist)	dox Features	Type ¹	L oc ²	- Texture	Remarks
		100		70	1,990			Tenaks
8-16"	10VR 5/2		10VR 4/6	10			Clay Loam	
0-10	1011X 3/2		1011(4/0	10		111		
¹ Type: C=C	Concentration D=Depleti	ion RM=Red	uced Matrix CS=Cover	d or Coated S	Sand Grains	² l ocat	ion [.] PI =Pore Linin	g M=Matrix
lydric Soil I	ndicators ³ :					Tes	t Indicators of Hy	dric Soils:
Histoso	ol (A1)		Sandy Gley	ed Matrix (S4))		Iron-Mang	anese Masses (F12)
Histic E	Epipedon (A2)		Sandy Redo	ox (S5)			Very Shall	low Dark Surface (F22)
Black H	listic (A3)		Stripped Ma	trix (S6)			Other (Exp	plain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surfac	e (S7)				
Stratifie	ed Layers (A5)		Loamy Muc	ky Mineral (F1	1)			
2 cm M	IUCK (AIU) ad Balow Dark Surface (A11)		eu iviatrix (F2))			
	ark Surface (A12)	<u> </u>	Reday Dark	Surface (F6)			³ The hydric soil	indicators have been undated to
Sandv I	Mucky Mineral (S1)		Depleted Da	ark Surface (F	7)		comply with t	the Field Indicators of Hvdric Soils
	lucky Peat or Peat (S3)		Redox Depi	essions (F8)	/		in the United	States, Version 8.0, 2016.
Restrictive L	_ayer (if observed):							
Type:	,							
						Hydric	Soil Present?	Yes <u>X</u> No
Depth (i emarks:	inches):		-					
Depth (i emarks: IYDROL(Vetland Hyd	OGY drology Indicators:		- 					
Depth (i emarks: IYDROLO Vetland Hyc Primary Indic	OGY drology Indicators: cators (minimum of one	is required: c	- heck all that apply)	od Logyop (P	0)		Secondary Indic	ators (minimum of two required)
Depth (i emarks: IYDROL(Vetland Hyc Primary Indic Surface	OGY drology Indicators: cators (minimum of one e Water (A1)	is required: c	- heck all that apply) Water-Stair	ed Leaves (B	9)		Secondary Indic	ators (minimum of two required) oil Cracks (B6)
Depth (i emarks: IYDROLO Vetland Hyc Primary Indic Surface High W Saturat	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) ion (A3)	is required: c	- heck all that apply) Water-Stair Aquatic Fau True Aquati	ed Leaves (B na (B13) c Plants (B14)	9)		Secondary Indic Surface S Drainage	ators (minimum of two required) oil Cracks (B6) Patterns (B10)
Depth (i emarks: IYDROLO Vetland Hyc Primary Indic Surface High W Saturat Water I	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1)	is required: c	- heck all that apply) Water-Stair Aquatic Fau True Aquati Hvdrogen S	ed Leaves (B na (B13) c Plants (B14) ulfide Odor (C	9)		Secondary Indic Surface S Drainage Dry-Seaso Cravfish B	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8)
Depth (i emarks: IYDROLO Vetland Hyc Primary Indic Surface High W Saturat Water I Sedime	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	is required: c	- heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł	ed Leaves (B na (B13) c Plants (B14) ulfide Odor (C iizospheres oi	9)) 21) n Living Root	ts (C3)	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) o Visible on Aerial Imagery (C9)
Depth (i emarks: IYDROLO Vetland Hyc Primary Indic Surface High W Saturat Water I Sedime Drift De	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: c	- heck all that apply) Water-Stair Aquatic Fau True Aquati True Aquati Oxidized Rt Presence o	ed Leaves (B na (B13) c Plants (B14) ulfide Odor (C iizospheres of Reduced Iror	9)) 21) n Living Roof n (C4)	ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish B Saturation Stunted of	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1)
Depth (i emarks: IYDROLO Vetland Hyd Primary Indic Surface High W Saturat Water I Sedime Drift De Algal M	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) fat or Crust (B4)	is required: c	- heck all that apply) Water-Stair Aquatic Fau True Aquati True Aquati Hydrogen S Oxidized Rł Presence o Recent Iron	ed Leaves (B na (B13) c Plants (B14) ulfide Odor (C izospheres of Reduced Iror Reduction in	9)) c1) n Living Root n (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation Stunted or X Geomorph	eators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) r Stressed Plants (D1) nic Position (D2)
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Depth (i emarks: IYDROLO Vetland Hyc Primary Indic Surface High W Saturat Water I Sedime Drift De Algal M Iron De Inundat Sparse	OGY drology Indicators: cators (minimum of one e Water (A1) /ater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) tion Visible on Aerial Ima ly Vegetated Concave S vations:	is required: c agery (B7) Surface (B8)	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence o Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14) ulfide Odor (C izospheres of Reduced Iror Reduced Iror Reduction in Surface (C7) 'ell Data (D9) ain in Remark	9) 21) n Living Roof n (C4) Tilled Soils (s)	ts (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation Stunted ou X Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) a Visible on Aerial Imagery (C9) r Stressed Plants (D1) nic Position (D2) ral Test (D5)
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Project/Site:	Pleasant Prairie					City/County:	Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy					State:	OH	Sampling Point:	dp016
Investigator(s):	B Hess						Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Summit					Loc	al relief (concave, convex, none): <u>r</u>	one
Slope (%):	0%	Lat:	39.9289			Long:		-83.1998	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loan	n, 0 to 2 percent slopes (Ko)						NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the s	ite typical for this time of year	?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	Ν	, Soil N	, or Hydrology N	signi	ficantly distu	irbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	N	, Soil N	, or Hydrology N	natu	rally problem	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attac	ch site map showing s	ampling point locatio	ns, trans	ects, imp	ortant featur	es, etc.		
Hydrophytic Veg	getation Present?		Yes	No	х	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes x	No		within	a Wetland?	Yes	No <u>x</u>
Wetland Hydrol	ogy Present?		Yes	No	Х				
VEGETATION -	Use scientific na	ames of plants.			Absolute	Dominant Sporios?	Indicator	Dominance Test worksheet	
	size. 30 radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1								Number of Dominant Species	
3								That Are OBL_EACW_ or EAC	
3								That Are ODE, I AGW, of I AG.	(C)
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata	2 (B)
									(3)
Sapling/Shrub Strate 1. 2.	um (Plot size: 15' radius	S)						Percent of Dominant Species That Are OBL, FACW, or FAC:	(A/B)
3									
4								Prevalence Index worksheet:	
5.									
						= Total Cover		Total % Cover of:	Multiply by:
								That Are OBL, FACW, or FAC:	
Herb Stratum (Plot	size: 5' radius)				0.50/			OBL species	x1 =
1. Sida spinosa					35%	Yes	FACU	FACW species	x2 =
2. Abutilon theoph	rasti				15%	Yes	FACU		x3 =
3. Daucus carota					2%	No		FACU species 51%	x4 = 2.04
4. Acalypha rhomb	ooidea				1%	NO	FACU	UPL species 2%	$x_5 = 0.10$
5									(A) <u>2.14</u> (B)
0								Dravalance Index - D	- <u> </u>
/					<u> </u>				%A =
0									
								Hydrophytic Vogotation Indicat	ors
11									015.
12								1-Rapid Test for Hydron	hytic Vegetation
13								2-Dominance Test is 55	0%
14								3-Prevalence Index is ≤	3.0 ¹
15.								4-Morphological Adapta	tions ¹ (Provide supporting
16.								data in Remarks or on a	a separate sheet)
17.								Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.									,
19.								¹ Indicators of hydric soil and wetla	and hydrology must
20.								be present, unless disturbed or p	roblematic.
					53%	= Total Cover			
L									
Woody Vine Stratun	<u>n</u> (Plot size: 30' radius)							Hydrophytic	
1.	,							Vegetation	
2.								Present? Yes	No X
						= Total Cover		-	
Remarks: (Include	photo numbers here or o	on a separate sheet.)							

Profile Desc	ription: (Describe to	the depth nee	ded to document the ir	dicator or c	onfirm the a	bsence o	f indicators.)			
Depin			Rec Octor (modiat)		Turna ¹	1 2	- -	D.		
(Inches)	Color (moist)	<u>%</u>	Color (moist)	%	туре	LOC	Texture	Re	narks	
0-10"	10YR 3/2	100					Clay Loam			
10-16"	10YR 5/2	85	10YR 6/6	15	С	М	Clay Loam			
				·						
				·						
17 0.0		<u> </u>				2				
'Type: C=C	oncentration, D=Deple ndicators ³	tion, RM=Redu	uced Matrix, CS=Covere	d or Coated S	Sand Grains.	Locat	ion: PL=Pore Lining	, M=Matrix.		
Histoso	(A1)		Sandy Gleve	d Matrix (S4))		Iron-Manga	nese Masses (F1)	2)	
Histic E	ininedon (A2)		Sandy Bedo	v (95))		Very Shallo	w Dark Surface (F	-)	
Black H	listic (A3)		Stripped Mat	riv (S6)			Other (Evol	w Dark Surface (i ain in Remarks)	22)	
	an Sulfida $(\Lambda 4)$		Dark Surface	(90) (97)						
Flyarog	d Lovero (AE)			v Minorol (E1	1)					
	u Layers (AD)			y wineral (Fi	1 <i>)</i>					
	uck (AIU)	(111)	Loamy Gleye	triv (E2))					
	e Below Dark Surface	(ATT)	Depleted Ma	urix (F3)			3	dia da di di di		
	bark Surface (A12)		Redox Dark	Surface (F6)			"The hydric soil in	dicators have bee	n updated to	
Sandy I	VIUCKY Mineral (S1)		Depleted Da	rк Surface (F	.()		comply with th	e Field Indicators	of Hydric Soils	
5 cm M	ucky Peat or Peat (S3)	Redox Depre	essions (F8)			in the United S	States, Version 8.0), 2016.	
Restrictive L	ayer (if observed):									
Туре:										
Depth (i	nches):					Hydric	Soil Present?	Yes X	<u>No</u>	
Drimony India	irology indicators:	io roquirodi ol	ack all that apply)				Cocondom Indico	toro (minimum of	we required)	
Fillinary Inuic	Motor (A1)	e is required. Ci	Water Stain	d Loovos (B	0)		Secondary Indica	il Cracke (B6)	wo required)	
					9)					
High W	ater Table (A2)		Aquatic Fau	na (B13)			Drainage P	atterns (B10)		
Saturat	ion (A3)		True Aquatio	Plants (B14)		Dry-Seasor	Water Table (C2)	
Water M	/larks (B1)		Hydrogen Su	ulfide Odor (C	C1)		Crayfish Bu	rrows (C8)		
Sedime	ent Deposits (B2)		Oxidized Rh	zospheres of	n Living Root	is (C3)	Saturation Visible on Aerial Imagery (C9)			
Drift De	posits (B3)		Presence of	Reduced Iror	n (C4)		Stunted or	Stressed Plants (E	01)	
Algal M	at or Crust (B4)		Recent Iron	Reduction in	Tilled Soils (C6)	Geomorphi	c Position (D2)		
Iron De	posits (B5)		Thin Muck S	urface (C7)			FAC-Neutra	al Test (D5)		
Inundat	ion Visible on Aerial In	nagery (B7)	Gauge or W	ell Data (D9)						
Sparse	y Vegetated Concave	Surface (B8)	Other (Expla	in in Remark	s)					
Field Observ	vations:									
Surface Wat	er Present?	Yes No	X Depth (inches): N/A						
Water Table	Present?	Yes No	X Depth (inches): N/A						
Saturation P	resent?	Yes No	X Depth (inches): N/A	Wetland	l Hydrolo	gy Present?	Yes	No X	
(includes car	oillary fringe)					-				
Describe Re	corded Data (stream g	auge, monitori	ng well, aerial photos, pr	evious inspe	ctions), if ava	ilable:				
Remarke										
NCHIMIKS.										

Project/Site:	Pleasant Prairie					City/County	: Galloway/Fran	klin		Sampling Date	e: <u>9/30/2020</u>	
Applicant/Owner:	Inenergy					State	: OH	Sampling Poir	nt:	dp01	17	
Investigator(s):	B Hess						Section, Towns	hip, Range: <u>N/A</u>				
Landform (hillslope	e, terrace, etc.):	Summi	t				Lo	cal relief (concave, co	nvex, none): <u>n</u>	one		
Slope (%):	0%	Lat:	:	39.9294		Long:		-83.2011		Datum: NA	D83 UTM16N	N
Soil Map Unit Nam	e: Kokomo silty clay loa	am, 0 to 2 percent s	opes (Ko)						NWI classific	cation: <u>PE</u>	M1A	
Are climatic / hydro	ologic conditions on the	site typical for this t	ime of year?			Yes	X No	(If no, explain	in Remarks.)			
Are Vegetation	<u> </u>	, Soil	N , or Hydrolo	ogy N	significantly d	sturbed?	Are "Norm	nal Circumstances" pr	esent?	Yes X	No	
Are Vegetation	<u>N</u>	, Soil	N , or Hydrolo	ogy N	naturally prob	ematic?	(If needed	, explain any answers	in Remarks.)			
SUMMARY OF	FINDINGS Att	ach site map sl	nowing sampling p	point locatio	ns, transects, ir	nportant featu	res, etc.					
Hydrophytic Ve	egetation Present?		Yes		No <u>x</u>	Is the	Sampled A	rea				
Hydric Soil Pre	sent?		Yes		No <u>x</u>	withir	n a Wetland?	?	Yes	No	Х	
Wetland Hydro	logy Present?		Yes		No <u>x</u>							
Remarks:												
VEGETATION	Use scientific	names of plant	S.		Absolute	Dominant	Indicator					
Tree Stratum (Plo	t size: 30' radius)				% Cover	Species?	Status	Dominance Test	worksheet:			
1.												
2.								Number of Domina	ant Species			
3.						_		That Are OBL, FA	CW, or FAC:	0	(A	.)
4												
5								Total Number of D	ominant			
						= Total Cover		Species Across A	l Strata:	1	(В)
Sapling/Shrub Stra	tum (Plot size: 15' rad	ius)						Percent of Domina	ant Species			
1								That Are OBL, FA	CW, or FAC:	0%	6 (A	/B)
2												
3												
4								Prevalence Index	worksheet:			
5.						- Tatal Cause						
								That Are OBL FA	CW or FAC:			B
Herb Stratum(Plo	t size: 5' radius)							OBL species	, , , , , , , , , , , , , , , , , , , ,		, , ,	
1. Glycine max	,				80%	Yes	UPL	FACW species		x2 =		
2. Abutilon theop	hrasti				1%	No	FACU	FAC species		x3 =		
3.								FACU species	1%		0.04	
4.								UPL species	80%	x5 =	4.00	
5.								Column Totals:	81%	(A)	4.04	(B)
6.												
7.								Preva	ence Index = B	/A =	4.99	
8.							·					
9.												
10.								Hydrophytic Veg	etation Indicate	ors:		
11.												
12.								1-Rapid	est for Hydropl	hytic Vegetatio	n	
13								2-Domina	ance Test is >50	0%		
14								3-Prevale	ence Index is ≤3	3.0 ¹		
15								4-Morpho	logical Adaptat	ions ¹ (Provide	supporting	
16								data in F	Remarks or on a	a separate she	et)	
17								Problem	atic Hydrophytio	c Vegetation ¹ (Explain)	
18.								1				

18 19 20	81% = Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.	= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)		

Profile Dese	cription: (Describe t	o the depth neede	d to document the in	dicator or co	onfirm the a	bsence of	indicators.)		
Depth (inches)			Color (majot)		Turna ¹	L = = ²	Tautura	Dem	
(inches)	Color (moist)	%	Color (moist)	%	туре	LOC	Texture	Ren	larks
0-16"	10YR 3/1	100					Loam		
					·				
	·				·				
	·								
¹ Type: C=0	Concentration, D=Dep	letion, RM=Reduce	ed Matrix, CS=Covered	d or Coated S	Sand Grains.	² Locatio	n: PL=Pore Lining,	M=Matrix.	
Hydric Soil	Indicators ³ :					Test	Indicators of Hydr	ic Soils:	
Histos	ol (A1)		Sandy Gleye	d Matrix (S4)			Iron-Mangar	nese Masses (F12)
Histic	Epipedon (A2)		Sandy Redox	(S5)			Very Shallov	v Dark Surface (F2	22)
Black	Histic (A3)		Stripped Mate	rix (S6)			Other (Expla	ain in Remarks)	
Hydrog	gen Sulfide (A4)		Dark Surface	(S7)					
Stratifi	ed Layers (A5)		Loamy Mucky	y Mineral (F1)				
2 cm N	Muck (A10)		Loamy Gleye	d Matrix (F2)	1				
Deplet	ed Below Dark Surfac	e (A11)	Depleted Mat	trix (F3)					
 Thick I	Dark Surface (A12)	- /	Redox Dark S	Surface (F6)			³ The hydric soil in	dicators have beer	updated to
Sandy	Mucky Mineral (S1)		Depleted Dar	k Surface (F	7)		comply with the	e Field Indicators o	f Hydric Soils
5 cm M	Aucky Peat or Peat (S	3)	Redox Depre	ssions (F8)	,		in the United S	tates. Version 8.0	2016.
		/	·	()					
Restrictive	Layer (if observed):								
Type:									
Depth ((inches):					Hydric S	Soil Present?	Yes	NoX
	.OGY								
Primary Indi	icators (minimum of o	ne is required: cher	k all that apply)				Secondary Indicat	ors (minimum of tw	vo required)
Surfac	e Water (A1)		Water-Staine	d Leaves (R	3)		Surface Soil	Cracks (B6)	vo requirea)
)				
	vater Table (A2)			ia (B13)				atterns (B10)	
Satura	ition (A3)		I rue Aquatic	Plants (B14)			Dry-Season	Water Table (C2)	
Water	Marks (B1)		Hydrogen Su	Ifide Odor (C	1)	()	Crayfish Bu	rows (C8)	()
Sedim	ent Deposits (B2)		Oxidized Rhiz	zospheres or	Living Root	s (C3)	Saturation V	isible on Aerial Im	agery (C9)
Drift D	eposits (B3)		Presence of I	Reduced Iron	n (C4)		Stunted or S	Stressed Plants (D	1)
Algal N	Mat or Crust (B4)		Recent Iron F	Reduction in	Tilled Soils (0	C6)	Geomorphic	Position (D2)	
Iron De	eposits (B5)		Thin Muck Su	urface (C7)			FAC-Neutra	l Test (D5)	
Inunda	ation Visible on Aerial	Imagery (B7)	Gauge or We	ell Data (D9)					
Sparse	ely Vegetated Concav	e Surface (B8)	Other (Explai	n in Remarks	5)				
Field Obser	vations:								
Surface Wa	iter Present?	Yes No >	C Depth (inches)	: N/A					
Water Table	e Present?	Yes No >	C Depth (inches)	N/A					
Saturation F	Present?	Yes No >	C Depth (inches)	: N/A	Wetland	l Hydrolog	y Present?	Yes	No X
(includes ca	apillary fringe)					, ,	•		
Describe Re	ecorded Data (stream	gauge, monitoring	well, aerial photos, pre	evious inspec	tions), if ava	ilable:			
<u> </u>									
Remarks:									

Project/Site:	Pleasant Prairie					City/County:	: Galloway/Frank	in	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy					State	: <u>OH</u>	Sampling Point:	dp018
Investigator(s):	B Hess						Section, Townshi	p, Range: N/A	
Landform (hillslope,	terrace, etc.):	Summit					Loc	al relief (concave, convex, none): <u>N</u>	None
Slope (%):	0%	Lat:	39.9333			Long:		-83.1948	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	am, 0 to 2 percent slopes (K	0)					NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the	site typical for this time of y	ear?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology	N sign	nificantly distu	urbed?	Are "Norma	I Circumstances" present?	Yes <u>X</u> No
Are Vegetation	N	, Soil N	, or Hydrology	N natu	urally problen	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map showin	g sampling point loca	tions, trans	sects, imp	oortant featur	res, etc.		
Hydrophytic Veg	getation Present?	,	Yes	No	Х	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes	No	Х	within	a Wetland?	Yes	No <u>x</u>
Wetland Hydrol	ogy Present?		Yes	No	Х				
Remarks:	- Use scientific	names of plants.							
					Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1									
2								Number of Dominant Species	
3								That Are OBL, FACW, or FAC:	0 (A)
4									
5								Total Number of Dominant	
						= Total Cover	<u> </u>	Species Across All Strata:	1 (B)
Sapling/Shrub Strate	<u>um</u> (Plot size: 15' rad	ius)						Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	0%(A/B)
2									
3									
4								Prevalence Index worksheet:	
5.								T (10) O	
						= Total Cover		Total % Cover of:	Multiply by:
Herb Stratum (Plot	size: 5' radius)							OBL species	x1 =
1 Trifolium hybrid			_		75%	Yes	FACU	EACW species	x2 =
2 Abutilon theoph	rasti				5%	No	FACU	FAC species 4%	$x_3 = 0.12$
3. Acalvpha rhomb	oidea				2%	No	FACU	FACU species 84%	x4 = 3.36
4. Erigeron canade	ensis				2%	No	FACU	UPL species	x5 =
5. Potentilla norve	aica				2%	No	FAC	Column Totals: 88%	(A) 3.48 (B)
6. Ambrosia trifida					2%	No	FAC		()
7.								Prevalence Index = E	3/A = 3.95
8.									
9.									
10.								Hydrophytic Vegetation Indicat	ors:
11.									
12.								1-Rapid Test for Hydrop	hytic Vegetation
13.								2-Dominance Test is >5	0%
14.								3-Prevalence Index is ≤	3.0 ¹
15.								4-Morphological Adapta	tions ¹ (Provide supporting
16.								data in Remarks or on	a separate sheet)
17								Problematic Hydrophyti	c Vegetation ¹ (Explain)
18									
19								¹ Indicators of hydric soil and wetl	and hydrology must
20								be present, unless disturbed or p	problematic.
					88%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radiu	is)						Hydrophytic	
1								Vegetation	
2								Present? Yes	No X
						= Total Cover			
Remarks: (Include	photo numbers here o	r on a separate sheet.)							

Depth (inches)	• • •		document the inc			usence of	inuicators.)	
(inches)	Matrix		Redo	ox Features	T	. 2		
	Color (moist)	<u>%</u> Co	olor (moist)	%	l ype'	Loc ²	Texture	Remarks
0-16"	10YR 3/2	100					Clay Loam	
	=							
			atrix CS=Covorod	or Costod S	and Craina	² l opatio		M-Motrix
Hydric Soil I	ndicators ³		atrix, CS-Covered	or Coaled S	anu Grains.	Test	Indicators of Hvd	
Histoso	bl (A1)		Sandv Gleved	Matrix (S4)			Iron-Manga	anese Masses (F12)
Histic E	Epipedon (A2)	-	Sandy Redox	(S5)			Verv Shallo	w Dark Surface (F22)
Black H	listic (A3)	-	Stripped Matri	(S6)			Other (Exp	lain in Remarks)
Hydrog	en Sulfide (A4)	_	Dark Surface	(S7)				,
Stratifie	ed Lavers (A5)	_	Loamy Mucky	Mineral (F1))			
2 cm M	luck (A10)	_	Loamy Gleyed	d Matrix (F2)				
Deplete	ed Below Dark Surface (A1	1) —	Depleted Matr	rix (F3)				
Thick D	Dark Surface (A12)		Redox Dark S	urface (F6)			³ The hydric soil i	ndicators have been updated to
Sandy I	Mucky Mineral (S1)		Depleted Dark	surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm M	lucky Peat or Peat (S3)	_	Redox Depres	ssions (F8)			in the United	States , Version 8.0, 2016.
Restrictive L	_aver (if observed):							
Type:	, , ,							
Depth (i	nches):					Hydric	Soil Present?	Yes No X
HYDROL								
Wetland Hvd	OGY							
Wetland Hyd	OGY Irology Indicators: cators (minimum of one is r	equired: check al	l that apply)				Secondary Indica	ators (minimum of two required)
Wetland Hyd Primary Indic Surface	OGY frology Indicators: cators (minimum of one is r water (A1)	equired: check al	l that apply) Water-Stained	d Leaves (B9))		Secondary Indica	ators (minimum of two required) il Cracks (B6)
Wetland Hyd Primary Indic Surface High W	OGY cators (minimum of one is r water (A1) vater Table (A2)	equired: check al	l that apply) Water-Stained	d Leaves (B9))		Secondary Indica	ators (minimum of two required) il Cracks (B6) 2atterns (B10)
Wetland Hyd Primary Indic Surface High W Saturati	OGY cators (minimum of one is r water (A1) vater Table (A2) ion (A3)	equired: check al 	l that apply) Water-Stained Aquatic Fauna True Aquatic I	d Leaves (B9 a (B13) Plants (B14)	9)		Secondary Indica Surface So Drainage F Drv-Seaso	ators (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2)
Wetland Hyd Primary Indic Surface High W Saturati Water N	OGY frology Indicators: cators (minimum of one is r Water (A1) Vater Table (A2) ion (A3) Marks (B1)	equired: check al 	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sul	d Leaves (B9 a (B13) Plants (B14) fide Odor (C))		Secondary Indica Surface So Drainage F Dry-Season Cravfish Bu	ators (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8)
Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime	OGY cators (minimum of one is r water (A1) vater Table (A2) ion (A3) Marks (B1) ent Deposits (B2)	equired: check al 	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Suli Oxidized Rhiz	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on	9) 1) I Living Root	s (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation	ators (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)
Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De	OGY cators (minimum of one is r e Water (A1) fater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	equired: check al - - - - - - -	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on Reduced Iron	9) 1) I Living Root (C4)	s (C3)	Secondary Indica Surface So Drainage F Dry-Season Crayfish Bu Saturation Stunted or	ators (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M	OGY trology Indicators: cators (minimum of one is r water (A1) vater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4)	equired: check al - - - - - - - - - - -	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Suli Oxidized Rhiz Presence of R Recent Iron R	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on Reduced Iron eduction in 1	9) 1) I Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph	ators (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De	OGY frology Indicators: cators (minimum of one is r e Water (A1) /ater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5)	equired: check al 	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Suli Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on Reduced Iron eduction in 1 rface (C7)	9) 1) I Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorphi FAC-Neutr	ators (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De Inundat	OGY frology Indicators: cators (minimum of one is r e Water (A1) /ater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) tion Visible on Aerial Image	equired: check al 	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on Reduced Iron eduction in T rface (C7) I Data (D9)	9) 1) I Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Season Crayfish Bu Saturation Stunted or Geomorphi FAC-Neutr	ators (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Iron Dej Inundat Sparsel	OGY frology Indicators: cators (minimum of one is r a Water (A1) Vater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) tion Visible on Aerial Image ly Vegetated Concave Surf	equired: check al 	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explair	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on Reduced Iron eduction in T rface (C7) I Data (D9) n in Remarks	9) 1) I Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Season Crayfish Bu Saturation Stunted or Geomorphi FAC-Neutr	ators (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron Dej Inundat Sparsel	OGY frology Indicators: cators (minimum of one is r Water (A1) Vater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) tion Visible on Aerial Image ly Vegetated Concave Surf	equired: check al 	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explain	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on Reduced Iron eduction in T rface (C7) I Data (D9) n in Remarks	9) 1) Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorphi FAC-Neutr	ators (minimum of two required) iil Cracks (B6) Patterns (B10) in Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ	OGY frology Indicators: cators (minimum of one is r a Water (A1) fater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) tion Visible on Aerial Image ly Vegetated Concave Surf vations: er Present?	equired: check al 	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explain	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on Reduced Iron eduction in T rface (C7) I Data (D9) n in Remarks	9) 1) Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Season Crayfish Bu Saturation Stunted or Geomorphi FAC-Neutr	ators (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
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Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observe Water Table Saturation Pr	OGY trology Indicators: cators (minimum of one is r a Water (A1) Vater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) tion Visible on Aerial Image ly Vegetated Concave Surf vations: er Present? Yes resent? Yes	equired: check al 	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explair Depth (inches): Depth (inches):	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on Reduced Iron eduction in T rface (C7) I Data (D9) n in Remarks <u>N/A</u> N/A	9) 1 Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorphi FAC-Neutr	Ators (minimum of two required) il Cracks (B6) Patterns (B10) In Water Table (C2) Jurrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Ic Position (D2) al Test (D5) Yes No X
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Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Water Surface Water Saturation Pr (includes cap Describe Rea	OGY frology Indicators: cators (minimum of one is r a Water (A1) Vater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) oposits (B5) tion Visible on Aerial Image ly Vegetated Concave Surf vations: ver Present? Yes present? Yes pillary fringe) boorded Data (stream gauge	equired: check al	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explair Depth (inches): Depth (inches): Depth (inches):	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on educed Iron eduction in 1 rface (C7) I Data (D9) n in Remarks <u>N/A</u> <u>N/A</u> vious inspec	9) 1) Living Root (C4) Filled Soils ((5) Wetland tions), if ava	s (C3) C6) I Hydrolog ilable:	Secondary Indica Surface So Drainage F Dry-Season Crayfish Bu Saturation Stunted or Geomorphi FAC-Neutr	ators (minimum of two required) iil Cracks (B6) Patterns (B10) In Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5) Yes No X
Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Vater Table Saturation Pr (includes cap Describe Red	OGY frology Indicators: cators (minimum of one is r a Water (A1) Vater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) aposits (B3) lat or Crust (B4) aposits (B5) tion Visible on Aerial Image ly Vegetated Concave Surf vations: ver Present? Yes Present? Yes pillary fringe) corded Data (stream gauge	equired: check al	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explair Depth (inches): Depth (inches): Depth (inches):	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on Reduced Iron eduction in T rface (C7) I Data (D9) n in Remarks <u>N/A</u> <u>N/A</u> vious inspec	9) 1) Living Root (C4) Γilled Soils ((5) Wetland tions), if ava	s (C3) C6) I Hydrolog ilable:	Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorphi FAC-Neutr	tors (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5) Yes <u>No X</u>
Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Water Vater Table Saturation Pr (includes cap Describe Red	OGY frology Indicators: cators (minimum of one is r a Water (A1) Vater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) tion Visible on Aerial Image ly Vegetated Concave Surf vations: er Present? Yes present? Yes pillary fringe) corded Data (stream gauge	equired: check al	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explair Depth (inches): Depth (inches): Depth (inches):	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on Reduced Iron eduction in T rface (C7) I Data (D9) n in Remarks <u>N/A</u> <u>N/A</u> vious inspec	9) 1) Living Root (C4) Filled Soils ((5) Wetland tions), if ava	s (C3) C6) I Hydrolog ilable:	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorphi FAC-Neutr	tors (minimum of two required) il Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5) Yes <u>No X</u>
Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Water Table Saturation Pr (includes cap Describe Red	OGY frology Indicators: cators (minimum of one is r a Water (A1) Vater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) tion Visible on Aerial Image ly Vegetated Concave Surf vations: er Present? Yes Present? Yes pillary fringe) ecorded Data (stream gauge	equired: check al	I that apply) Water-Stained Aquatic Fauna True Aquatic I Hydrogen Sult Oxidized Rhiz Presence of R Recent Iron R Thin Muck Su Gauge or Wel Other (Explair Depth (inches): Depth (inches): Depth (inches):	d Leaves (B9 a (B13) Plants (B14) fide Odor (C ospheres on eduction in 1 rface (C7) I Data (D9) n in Remarks <u>N/A</u> <u>N/A</u> <u>N/A</u> vious inspec	9) 1) Living Root (C4) Filled Soils ((5) Wetland tions), if ava	s (C3) C6) I Hydrolog ilable:	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorphi FAC-Neutr	tors (minimum of two required) il Cracks (B6) Patterns (B10) In Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Ic Position (D2) al Test (D5) Yes NoX

Project/Site:	Pleasant Prairie					City/County:	: Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp019
Investigator(s):	B Hess						Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Toeslope					Loc	al relief (concave, convex, none): <u>c</u>	concave
Slope (%):	0%	Lat:	39.9351			Long:		-83.1964	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 percent slopes (Ko)						NWI classifi	cation: <u>PUBGx</u>
Are climatic / hydrol	ogic conditions on the	site typical for this time of yea	?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	signif	icantly distu	rbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	Ν	, Soil N	, or Hydrology N	natura	ally problem	atic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map showing	sampling point location	ons, transe	ects, imp	ortant featur	es, etc.		
Hvdrophvtic Ve	petation Present?	·	Yes x	No		Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes x	No		within	a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?		Yes x	No					
Remarks:									
VEGETATION	Use scientific r	names of plants.						T	
Troo Stratum (DL)	size 20' redive			A	Absolute	Dominant	Indicator	Deminerate Testured 1 1	
	SIZE. JU TAOIUS)				o Cover	Species?	Status	ominance lest worksheet:	
^{1.}								Number of Dominant Statist	
2 3									2 (A)
3								THAL ALE UDL, FAUW, OF FAU:	(A)
4								Total Number of During t	
э						Total O			
						= Total Cover		Species Across All Strata:	2 (B)
Sopling/Shrub Strat	um (Diat aiza: 15' radi							Demonst of Dominant Chaption	
Saping/Shrub Strat	uni (Fiol size, 15 faul							That Are OBL FACIAL as FAC:	1000/ (A/D)
1								That Are OBL, FACVV, of FAC.	(A/B)
2									
3								Brovalance Index workshoot	
4								Prevalence index worksheet:	
5.						- Total Cavar		Tatal % Cover of	Multiply by
								That Are OBL_FACW_or FAC	A/B
Herb Stratum (Plot	size: 5' radius)							OBL species 105%	x1 = 105
1 Typha latifolia					80%	Yes	OBI	FACW species 1%	$x^2 = 0.02$
2. Typha angustifo	olia				25%	Yes	OBL	FAC species 1%	$x_3 = 0.03$
3. Populus deltoid	es				1%	No	FAC	FACU species	x4 =
4. Cyperus strigos	us				1%	No	FACW	UPL species	x5 =
5.								Column Totals: 107%	(A) 1.10 (B)
6.									
7.								Prevalence Index = E	3/A = 1.03
8.									
9.									
10.								Hydrophytic Vegetation Indicat	ors:
11.									
12.								X 1-Rapid Test for Hydrop	hytic Vegetation
13.								X 2-Dominance Test is >5	0%
14.								X 3-Prevalence Index is ≤	3.0 ¹
15.								4-Morphological Adapta	tions ¹ (Provide supporting
16								data in Remarks or on a	a separate sheet)
17								Problematic Hydrophyti	c Vegetation ¹ (Explain)
18									
19								¹ Indicators of hydric soil and wet	and hydrology must
20								be present, unless disturbed or p	problematic.
					107%	= Total Cover			
Woody Vine Stratur	n (Plot size: 30' radiu	s)						Hydrophytic	
1								Vegetation	
2								Present? Yes	X No
						= Total Cover		-	
Remarks: (Include	photo numbers here of	on a separate sheet.)							

Denth	pth needed to document the in	dicator or co	nfirm the a	bsence of	f indicators.)	
Depth Matrix	Red	ox Features	1	2		
(inches) Color (moist) 9	Color (moist)	%	Type'	Loc ²	Texture	Remarks
<u> </u>	5 10YR 5/6	15	С	М	Clay Loam	
			·			
<u> </u>						
¹ Type: C=Concentration D=Depletion R	M=Reduced Matrix_CS=Covered	or Coated S	and Grains	² Locati	on: PI =Pore Lining	M=Mətrix
Hydric Soil Indicators ³				Test	Indicators of Hydri	ic Soils:
Histosol (A1)	Sandy Gleve	d Matrix (S4)			Iron-Mangar	nese Masses (F12)
Histic Epipedon (A2)	Sandy Redox	(S5)			Very Shallov	v Dark Surface (E22)
Black Histic (A3)	Stripped Mat	rix (S6)			Other (Expla	ain in Remarks)
Hvdrogen Sulfide (A4)	Dark Surface	(S7)				,
Stratified Lavers (A5)	Loamy Muck	(F1)				
2 cm Muck (A10)	Loamy Gleve	d Matrix (F2)				
Depleted Below Dark Surface (A11)	X Depleted Ma	trix (F3)				
Thick Dark Surface (A12)	Redox Dark S	Surface (F6)			³ The hydric soil in	dicators have been updated to
Sandy Mucky Mineral (S1)	Depleted Dar	k Surface (F7)		comply with the	Field Indicators of Hydric Soils
5 cm Mucky Peat or Peat (S3)	X Redox Depre	ssions (F8)			in the United S	<i>tates</i> , Version 8.0, 2016.
Bestrictive Laver (if observed):						
Denth (inches):				Hydric	Soil Present?	Yes X No
				nyano		
vvetland Hydrology Indicators:						/···
Primary Indicators (minimum of one is req	uired: check all that apply))		Secondary Indicat	ors (minimum of two required)
Primary Indicators (minimum of one is req Surface Water (A1)	uired: check all that apply) Water-Staine	d Leaves (B9)		Secondary Indicat	ors (minimum of two required) Cracks (B6)
Primary Indicators (minimum of one is req Surface Water (A1) High Water Table (A2)	uired: check all that apply) Water-Staine Aquatic Faur	d Leaves (B9) a (B13))		Secondary Indicat	ors (minimum of two required) Cracks (B6) atterns (B10)
Primary Indicators (minimum of one is req Surface Water (A1) High Water Table (A2) X Saturation (A3)	uired: check all that apply) Water-Staine Aquatic Faur True Aquatic	d Leaves (B9) a (B13) Plants (B14))		Secondary Indicat Surface Soil Drainage Pa Dry-Season	ors (minimum of two required) Cracks (B6) htterns (B10) Water Table (C2)
Vvetiand Hydrology Indicators: Primary Indicators (minimum of one is req Surface Water (A1) High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposite (B2)	uired: check all that apply) Water-Staine Aquatic Faun True Aquatic Hydrogen Su Ovidized Phi	d Leaves (B9) a (B13) Plants (B14) Ifide Odor (C1)	- (C2)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)
vvetiand Hydrology Indicators: Primary Indicators (minimum of one is req Surface Water (A1) High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	uired: check all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi	d Leaves (B9) a (B13) Plants (B14) Ifide Odor (C1 zospheres on)) Living Root	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9)
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Project/Site:	Pleasant Prairie			City/County:	Galloway/Frank	lin Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy			State:	ОН	Sampling Point: dp020
Investigator(s):	B Hess				Section, Townsh	ip, Range: N/A
Landform (hillslope	e, terrace, etc.): Toeslope				Loc	al relief (concave, convex, none): <u>concave</u>
Slope (%):	0%Lat:	39.9349		Long:		-83.1965 Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Lewisburg-Crosby complex, 2 to 6 percent sl	opes (LeB)				NWI classification: None
Are climatic / hydro	ologic conditions on the site typical for this time	of year?		Yes	X No	(If no, explain in Remarks.)
Are Vegetation	N, Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present? Yes X No
Are Vegetation	N, Soil N	, or Hydrology N	naturally probler	natic?	(If needed,	explain any answers in Remarks.)
SUMMARY OF	F FINDINGS Attach site map show	ing sampling point locatior	is, transects, im	oortant featur	es, etc.	
Hydrophytic Ve	egetation Present?	Yes x	No	Is the	Sampled Are	ea
Hydric Soil Pre	esent?	Yes <u>x</u>	No	within	a Wetland?	Yes <u>x</u> No
Wetland Hydro	blogy Present?	Yes <u>x</u>	No			
Remarks:						
VEGETATION	Use scientific names of plants.		Absolute	Dominant	Indicator	
<u>Tree Stratum</u> (Plo 1.	t size: 30' radius)		% Cover	Species?	Status	Dominance Test worksheet:
2.						Number of Dominant Species
3.						That Are OBL, FACW, or FAC: 1 (A)
4.						
5						Total Number of Dominant
				= Total Cover		Species Across All Strata: 1 (B)
						
Sapling/Shrub Stra	atum (Plot size: 15' radius)					Percent of Dominant Species
1						That Are OBL, FACW, or FAC:(A/B)
2						
3						
4				·		Prevalence Index worksheet:
5.						Tatal 0/ Opuga of Nultiply by
				= Total Cover		That Are OBL_EACW_or_EAC: Multiply by:
Herb Stratum (Plo	t size: 5' radius)					OBL species 100% x1 = 1.00
1. Typha latifolia	·		100%	Yes	OBL	FACW species x2 =
2. Celtis occident	talis		2%	No	FAC	FAC species 2% x3 = 0.06
3.				·		FACU species x4 =
4.				·		UPL species x5 =
5.						Column Totals: 102% (A) 1.06 (B)
6.				·		
7						Prevalence Index = B/A = 1.04
8.						
9.						
10						Hydrophytic Vegetation Indicators:
11						
12						X 1-Rapid Test for Hydrophytic Vegetation
13						X 2-Dominance Test is >50%
14						X 3-Prevalence Index is ≤3.0 ¹
15						4-Morphological Adaptations ¹ (Provide supporting
16						data in Remarks or on a separate sheet)
17						Problematic Hydrophytic Vegetation ¹ (Explain)
18.						

18. 19. 20.	102%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		= Total Cover	Hydrophytic Vegetation Present? Yes X No
Remarks: (Include photo numbers here or on a separate sheet.)			I

Profile Desc	cription: (Describe to	the depth needed	to document the in	dicator or c	onfirm the al	bsence of	indicators.)	
Depin (inchoo)	Calar (maint)		Color (moint)		Tuno ¹	1.002	Touturo	Demetre
(inches)				<u>%</u>		LOC	Texture	Remarks
0-16"	10YR 6/1	85	10YR 5/6	15	C	М	Clay Loam	
							·	
					·			
¹ Type: C=C	Concentration, D=Deple	etion. RM=Reduced	Matrix. CS=Covered	or Coated S	Sand Grains.	² Locatio	on: PL=Pore Lining	ı. M=Matrix.
Hvdric Soil	Indicators ³ :					Test	Indicators of Hvd	ric Soils:
Histos	ol (A1)		Sandy Gleyed	d Matrix (S4)			Iron-Manga	inese Masses (F12)
Histic I	Epipedon (A2)		Sandy Redox	(S5)			Very Shallo	w Dark Surface (F22)
Black I	Histic (A3)		Stripped Matr	ix (S6)			Other (Expl	ain in Remarks)
Hvdroo	aen Sulfide (A4)		Dark Surface	(S7)			、 ·	,
Stratifi	ed Lavers (A5)		Loamy Mucky	/ Mineral (F1)			
2 cm M	/uck (A10)		Loamv Gleve	d Matrix (F2))			
Deplet	ed Below Dark Surface	e (A11)	X Depleted Mat	rix (F3)				
Thick [Dark Surface (A12)	× /	Redox Dark S	Surface (F6)			³ The hvdric soil ir	ndicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Dar	k Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm N	lucky Peat or Peat (S3	.)	X Redox Depre	ssions (F8)	.,		in the United S	States Version 8.0. 2016.
	l aver (if abaamved):	/	·	(-)				
Type	Layer (il Observed).							
Denth (inches).					Hydric	Soil Present?	Yes X No
1 (/							
HYDROL	OGY							
Wetland Hy	drology Indicators:							
Primary Indi	cators (minimum of on	e is required: check	all that apply)		0)			itors (minimum of two required)
Surfac	e water (A1)		vvater-Staine	d Leaves (B	9)		Surface So	
High W	Vater Table (A2)		Aquatic Faun	a (B13)			Drainage P	atterns (B10)
X Satura	tion (A3)		True Aquatic	Plants (B14))		Dry-Seasor	n Water Table (C2)
Water	Marks (B1)		Hydrogen Su	lfide Odor (C	:1)	(22)	Crayfish Bu	irrows (C8)
Sedim	ent Deposits (B2)		Oxidized Rhiz	zospheres or	1 Living Root	s (C3)	Saturation	Visible on Aerial Imagery (C9)
	eposits (B3)		Presence of P	Reduced Iror	n (C4)		Stunted or	Stressed Plants (D1)
Algal N	Aat or Crust (B4)		Recent Iron F	Reduction in	Tilled Soils (0	C6)	X Geomorphi	c Position (D2)
Iron De	eposits (B5)		Thin Muck St	urface (C7)			X FAC-Neutra	al Test (D5)
Inunda	tion Visible on Aerial I	magery (B7)	Gauge or We	ll Data (D9)				
Sparse	ely Vegetated Concave	Surface (B8)	Other (Explai	n in Remark	s)			
Field Obser	vations:							
Surface Wa	ter Present?	Yes No X	Depth (inches)	N/A				
Water Table	e Present?	Yes No X	Depth (inches)	N/A				
Saturation F	Present?	Yes X No	Depth (inches)	Surface	Wetland	Hydrolog	y Present?	Yes X No
(includes ca	pillary fringe)							
Describe Re	ecorded Data (stream g	gauge, monitoring w	ell, aerial photos, pre	evious inspec	ctions), if ava	ilable:		
Remarks:								

Project/Site:	Pleasant Prairie						City/County	Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy						State	OH	Sampling Point:	dp021
Investigator(s):	B Hess							Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Su	mmit					Loc	al relief (concave, convex, none): r	none
Slope (%):	2%	Lat:		39.9347			Long:		-83.1967	Datum: NAD83 UTM16N
Soil Map Unit Name:	Lewisburg-Crosby co	omplex, 2 to 6 p	ercent slopes (Lo	eB)					NWI classifi	cation: None
Are climatic / hydrolo	gic conditions on the	site typical for t	his time of year?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N	, or Hydrology	N s	ignificantly distu	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	. Soil	N	. or Hydrology	N r	aturally problen	natic?	(If needed.	explain any answers in Remarks.)	
		ach site mai	a showing s	moling point l	ocations tra	insocts imr	ortant featur	in the set of the set		
		ach site ma	5 Showing 5		No.	maecta, mip		Compled Ar		
Hydrophytic Veg	etation Present?			res <u>x</u>	INO No		IS the	Sampled Are	ea Voo	No
Wetland Hydrold	ent?			Ves	No	X	within	i a welland?	res	
	gyrresenti			163	NO	^				
VEGETATION	- Use scientific i	names of pla	ants.			Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1.										
2.									Number of Dominant Species	
3.									That Are OBL. FACW. or FAC	1 (A)
4.									,,.,,,,,	(° V
5.									Total Number of Dominant	
.							= Total Cover		Species Across All Strate	1 (R)
									opecies Across Air Strata.	(0)
Sapling/Shrub Stratu	m (Plot size: 15' radi	116)							Porcent of Dominant Species	
	<u>III</u> (1101 3126, 13 140								That Are OBL EACING or EAC:	100% (A/P)
1									That Are ODL, FACW, of FAC.	(A/B)
2										
3										
4									Prevalence Index worksheet:	
5.										
							= Total Cover		Total % Cover of:	Multiply by:
Line Obstance (Dist									That Are OBL, FACW, or FAC:	
Herb Stratum (Plot s	size: 5' radius)								OBL species	x1 =
1. Echinochloa cru	s-galli					60%	Yes	FACW	FACW species 70%	x2 = 1.40
2. Solidago altissin	าล					20%	No	FACU	FAC species	x3 =
3. Schedonorus art	undinaceus					15%	<u>No</u>	FACU	FACU species 42%	x4 = 1.68
4. Panicum dichoto	omiflorum					10%	No	FACW	UPL species	x5 =
5. Erigeron annuus						5%	No	FACU	Column Totals: 112%	(A) <u>3.08</u> (B)
6. Acalypha rhomb	oidea					2%	No	FACU		
7									Prevalence Index = E	B/A = 2.75
8										
9										
10									Hydrophytic Vegetation Indicat	ors:
11										
12									X 1-Rapid Test for Hydrop	hytic Vegetation
13									X 2-Dominance Test is >5	0%
14									3-Prevalence Index is ≤	3.0 ¹
15									4-Morphological Adapta	tions ¹ (Provide supporting
16									data in Remarks or on	a separate sheet)
17									Problematic Hydrophyti	c Vegetation ¹ (Explain)
18										
19									¹ Indicators of hydric soil and wetl	and hydrology must
20.						_			be present, unless disturbed or p	problematic.
						112%	= Total Cover			
·										
Woody Vine Stratum	(Plot size: 30' radiu	s)							Hydrophytic	
1.									Vegetation	
2.									Present? Yes	X No
							= Total Cover			
Remarke: (Include a	hoto numbers here s	r on a sonarata	sheet)						I	
		on a separate	Shoot.j							

Profile Des	cription: (Describe to	the depth needed	to document the in	dicator or co	onfirm the al	osence of	indicators.)	
Depth	Matrix		Red	ox Features	- 1	. 2	_	
(inches)	Color (moist)	%	Color (moist)	%	Туре	Loc ²	Texture	Remarks
0-16"	10YR 3/1	100					Clay Loam	
¹ Type: C=0	Concentration, D=Deple	tion, RM=Reduced	Matrix, CS=Covered	or Coated S	and Grains.	² Locatio	on: PL=Pore Lining	, M=Matrix.
Hydric Soil	Indicators ³ :					Test	Indicators of Hydr	ric Soils:
Histos	ol (A1)		Sandy Gleyed	d Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic	Epipedon (A2)		Sandy Redox	: (S5)			Very Shallo	w Dark Surface (F22)
Black	Histic (A3)		Stripped Matr	ix (S6)			Other (Expl	ain in Remarks)
Hydro	gen Sulfide (A4)		Dark Surface	(S7)				
Stratifi	ed Layers (A5)		Loamy Mucky	/ Mineral (F1)			
2 cm N	/luck (A10)		Loamy Gleye	d Matrix (F2)				
Deplet	ed Below Dark Surface	(A11)	Depleted Mat	rix (F3)				
 Thick	Dark Surface (A12)		Redox Dark S	Surface (F6)			³ The hydric soil in	dicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Dar	k Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm M	Aucky Peat or Peat (S3)		Redox Depre	ssions (F8)	,		in the United S	States . Version 8.0. 2016.
			·	()				
Tuno	Layer (II observed):							
Type.	(inches);					Lludria	Soil Dresset?	
Boball	(nyano		
HYDROL	.OGY							
Wetland Hy	drology Indicators:							
Primary Ind	icators (minimum of one	is required: check	all that apply)				Secondary Indica	tors (minimum of two required)
Surfac	æ Water (A1)		Water-Staine	d Leaves (B	9)		Surface Soi	l Cracks (B6)
High V	Vater Table (A2)		Aquatic Faun	a (B13)			Drainage P	atterns (B10)
Satura	ition (A3)		True Aquatic	Plants (B14)			Dry-Seasor	Water Table (C2)
Water	Marks (B1)		Hydrogen Su	lfide Odor (C	1)		Crayfish Bu	rrows (C8)
Sedim	ent Deposits (B2)		Oxidized Rhiz	zospheres or	Living Roots	s (C3)	Saturation V	/isible on Aerial Imagery (C9)
Drift D	eposits (B3)		Presence of F	Reduced Iron	ı (C4)		Stunted or St	Stressed Plants (D1)
Algal N	Mat or Crust (B4)		Recent Iron F	Reduction in ⁻	Tilled Soils (C	C6)	Geomorphi	c Position (D2)
Iron De	eposits (B5)		Thin Muck Su	urface (C7)	,	,	X FAC-Neutra	al Test (D5)
Inunda	ation Visible on Aerial Im	agery (B7)	Gauge or We	II Data (D9)				
Sparse	elv Vegetated Concave	Surface (B8)	Other (Explai	n in Remarks	5)			
					- /			
Field Obser	vations:							
Surface Wa	iter Present?	Yes No X	_ Depth (inches)	: <u>N/A</u>				
Water Table	e Present?	Yes <u>No X</u>	_ Depth (inches)	: <u>N/A</u>				
Saturation F	Present?	Yes No X	_ Depth (inches)	: <u>N/A</u>	Wetland	Hydrolog	gy Present?	Yes NoX
(includes ca	apillary fringe)							
Describe Re	ecorded Data (stream g	auge, monitoring w	ell, aerial photos, pre	evious inspec	ctions), if avai	ilable:		
Remarke								
. tomunto.								

Project/Site:	Pleasant Prairie			City/County	: Galloway/Frank	din		Sampling Date: <u>9/30/</u>	2020
Applicant/Owner:	Inenergy			State	: OH	Sampling Poi	nt:	dp022	
Investigator(s):	B Hess				Section, Townsh	iip, Range: <u>N/A</u>			
Landform (hillslope	e, terrace, etc.): Summit				Loc	cal relief (concave, c	onvex, none): <u>no</u>	one	
Slope (%):	2% Lat:	39.9451		Long:		-83.1993		Datum: NAD83 UT	M16N
Soil Map Unit Nam	e: Crosby silt loam, Southern Ohio Till Plain, 2 to 6	percent slopes (CrB)					NWI classific	ation: <u>None</u>	
Are climatic / hydro	logic conditions on the site typical for this time of y	ear?		Yes	X No	(If no, explain	in Remarks.)		
Are Vegetation	N, Soil N	, or Hydrology N	significantly dis	turbed?	Are "Norm	al Circumstances" p	resent?	Yes X No	
Are Vegetation	<u>N</u> , Soil <u>N</u>	, or Hydrology N	naturally proble	matic?	(If needed	explain any answer	s in Remarks.)		
SUMMARY OF	FINDINGS Attach site map showin	g sampling point location	is, transects, im	portant featur	res, etc.				
Hydrophytic Ve	egetation Present?	Yes	No <u>x</u>	Is the	Sampled Ar	ea			
Hydric Soil Pre	sent?	Yes <u>x</u>	No	within	a Wetland?		Yes	No <u></u>	
vvetland Hydro	logy Present?	Yes	NO <u>X</u>	-					
Remarks:									
	Lles scientific names of plants								
GETATION	ose scientific names of plants.		Absolute	Dominant	Indicator				
Tree Stratum (Plot	t size: 30' radius)		% Cover	Species?	Status	Dominance Test	worksheet:		
1.									
2.						Number of Domin	ant Species		
3.						That Are OBL, FA	CW, or FAC:	0	(A)
4.									
5.						Total Number of I	Dominant		
				= Total Cover		Species Across A	II Strata:	1	(B)
Sapling/Shrub Stra	tum (Plot size: 15' radius)					Percent of Domin	ant Species		
1						That Are OBL, FA	CW, or FAC:	0%	(A/B)
2.									
3									
4						Prevalence Index	worksheet:		
5.									
				= Total Cover		Total % (Cover of:	Multiply by	<u> </u>
						That Are OBL, FA	CW, or FAC:		A/B
Herb Stratum (Plot	t size: 5' radius)	_				OBL species	15%	$x_1 = 0.15$	
1. Abutilon theopl	nrasti		90%	Yes		FACW species		X2 =	
2. Amaranthus tu	perculatus		15%	No	OBL	FAC species	4000/	X3 =	
s. siua spinosa			10%	INO	FACU		100%	- x4 = 4.00	
۳ 5						Column Totala	1150/	(A) / / / /	(D)
5 6						Column rotals.	113%	(7,)4.15	(D)
7						Drove	lence Index - D/	Δ = 3.61	
/ 8						FIEVA		0.01	
9									
10.						Hydrophytic Veg	etation Indicato	rs:	
11.									
						1-Ranid	Test for Hvdroph	vtic Vegetation	
13.						2-Domin	ance Test is >50	%	
14.						3-Preval	ence Index is ≤3.	.0 ¹	
15.						4-Morpho	ological Adaptati	ons ¹ (Provide support	ng
16.						data in F	Remarks or on a	separate sheet)	-
17.						Problem	atic Hydrophytic	Vegetation ¹ (Explain)	
18.								,	

18 19 20	115%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			L

Profile Desc	ription: (Describe to t	he depth neede	ed to document the in	ndicator or c	onfirm the a	bsence o	f indicators.)					
Depth			Rei	dox Features	Turne ¹	1 2	- -	Damada				
(Inches)	Color (moist)		Color (moist)	%	Туре	LOC	I exture	Remarks				
0-9"	10YR 3/1	100					Clay Loam					
9-16"	10YR 5/2	95	10YR 5/6	5	С	М	Clay Loam					
							<u> </u>					
¹ Type: C=C	oncentration, D=Deplet	ion, RM=Reduc	ed Matrix, CS=Covere	ed or Coated	Sand Grains.	² Locat	ion: PL=Pore Lining	, M=Matrix.				
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hydr	ic Soils:				
Histoso	l (A1)		Sandy Gleye	ed Matrix (S4)		Iron-Manga	nese Masses (F12)				
Histic E	pipedon (A2)		Sandy Redo	ox (S5)	,		Very Shallo	w Dark Surface (F22)				
Black H	listic (A3)		Stripped Ma	Stripped Matrix (S6) Other (Explain in Ren								
Hydrog	en Sulfide (A4)		Dark Surfac	e (S7)								
Stratifie	ed Layers (A5)		Loamy Mucl	ky Mineral (F	1)							
2 cm M	uck (A10)		Loamy Glev	ed Matrix (F2	!)							
X Deplete	ed Below Dark Surface	A11)	X Depleted Ma	atrix (F3)								
Thick D	ark Surface (A12)	-	Redox Dark	Surface (F6)			³ The hydric soil in	dicators have been updated to				
Sandy I	Mucky Mineral (S1)		Depleted Da	ark Surface (F	7)		comply with th	e Field Indicators of Hydric Soils				
5 cm M	ucky Peat or Peat (S3)		Redox Depr	essions (F8)	,		in the United S	States , Version 8.0, 2016.				
Restrictive L	ayer (if observed):											
Type:												
Depth (i	nches):					Hydric	Soil Present?	YesX No				
HYDROL	OGY											
Wetland Hyd	Irology Indicators:	ia raquirad: aba	ok all that apply)				Secondary Indian	tors (minimum of two required)				
Surface	Water (A1)	is required. cite	Water-Stain	ed Leaves (B	(9)		Surface Soi	I Cracks (B6)				
	otor Toble (A2)			cu Leaves (D			Ouriace Cor	Drainage Patterns (B10)				
Night W	ion (A3)			na (D13) o Dionto (B14	١		Dry-Season Water Table (C2)					
Saturat Water I	Marke (B1)		Hydrogen S	ulfide Odor ((·) >1)		Cravfish Burrows (C8)					
Sedime	ent Deposits (B2)		Oxidized Rh	uizospheres o	n Living Root	s (C3)	Saturation Visible on Aerial Imagery (C9)					
Drift De	eposits (B3)		Presence of	Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1)								
Algal M	at or Crust (B4)		Recent Iron	Reduction in	Tilled Soils (C6)	Geomorphic Position (D2)					
Iron De	posits (B5)		Thin Muck S	Surface (C7)		00)	FAC-Neutra	l Test (D5)				
Inundat	ion Visible on Aerial Im	agery (B7)	Gauge or W	ell Data (D9)								
Sparse	ly Vegetated Concave S	Surface (B8)	Other (Expla	ain in Remark	(s)							
Field Observ	vations:											
Surface Wat	er Present?	Yes No	X Depth (inches	s): N/A								
Water Table	Present?	Yes No	X Depth (inches	s): N/A								
Saturation P	resent?	Yes No	X Depth (inches	s): N/A	Wetland	l Hydrolo	gy Present?	Yes No X				
(includes ca	oillary fringe)											
Describe Re	corded Data (stream ga	uge, monitoring	well, aerial photos, p	revious inspe	ctions), if ava	ilable:						
Remarks:												

Project/Site:	Pleasant Prairie C					City/County:	Galloway/Frank	lin	Samp	Sampling Date: 9/30/2020	
Applicant/Owner:	Inenergy					State:	State: OH Sampling Point: dp02			dp023	
Investigator(s):	igator(s): B Hess						Section, Township, Range: N/A				
Landform (hillslope	e, terrace, etc.):	Summit					Loc	al relief (concave, conve	x, none): <u>none</u>		
Slope (%):	0%	Lat:	39.9471			Long:		-83.1995	Dat	um: NAD83 UTM16	6N
Soil Map Unit Nam	e: Kokomo silty clay loan	n, 0 to 2 percent slopes (Ko)					N	WI classification:	None	
Are climatic / hydro	ologic conditions on the s	ite typical for this time of ye	ear?			Yes	X No	(If no, explain in R	temarks.)		
Are Vegetation	<u> </u>	, Soil N	, or Hydrology	N sign	ificantly distu	Irbed?	Are "Norma	al Circumstances" preser	nt? Y	es <u>X</u> No	
Are Vegetation	<u> </u>	, Soil N	, or Hydrology	N natu	urally problem	natic?	(If needed,	explain any answers in F	Remarks.)		
SUMMARY OF	FINDINGS Atta	ch site map showing	g sampling point lo	cations, trans	sects, imp	ortant featur	es, etc.				
Hydrophytic Ve	egetation Present?		Yes	No	Х	Is the	Sampled Are	ea			
Hydric Soil Pre	esent?		Yes <u>x</u>	No		within	within a Wetland? Yes No x				
Wetland Hydro	ology Present?		Yes	No	Х						
Remarks:											
VEGETATION	Use scientific na	ames of plants.									
					Absolute	Dominant	Indicator				
Tree Stratum (Plot	t size: 30' radius)				% Cover	Species?	Status	Dominance Test worl	ksheet:		
1											
2						·		Number of Dominant S	Species		
3								That Are OBL, FACW,	or FAC:	0 (4	A)
4						,					
5								Total Number of Domin	nant		
						= Total Cover		Species Across All Str	ata:	1(B)
Copling/Chruh Stro	tum (Dist size, 15' radiu	e)						Demonst of Deminent O			
Sapling/Shrub Stra	itum (Plot size: 15 radiu	s)						Percent of Dominant S	species	<u></u>	
1								That Are OBL, FACVV,	or FAC:	0% (/	А/В)
2											
3								Drevelence Index wer	kabaat		
4								Prevalence index wor	ksneet:		
5.						- Total Cavar		Total % Covo	r of:	Multiply by	
								That Are OBL FACW	or FAC:		A/B
Herb Stratum (Plot	t size: 5' radius)							OBL species	x	1 =	
1. Glvcine max	,		_		90%	Yes	UPL	FACW species	x	2 =	
2.								FAC species	x	3 =	
3.								FACU species	x	4 =	
4.								UPL species	90% x	5 = 4.50	
5.								Column Totals:	90% (A)	4.50	(B)
6.								-	、		`、 /
7.								Prevalence	e Index = B/A =	5.00	
8.									_		
9.											
10.								Hydrophytic Vegetati	on Indicators:		
11.											
12.								1-Rapid Test	for Hydrophytic V	egetation	
13.							2-Dominance Test is >50%				
14.								3-Prevalence	Index is ≤3.0 ¹		
15.	· · ·							4-Morphologi	cal Adaptations ¹ (Provide supporting	
16.								data in Rema	arks or on a sepa	rate sheet)	
17.								Problematic	Hydrophytic Vege	tation ¹ (Explain)	
18.											

18	90%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			

Profile Desc	ription: (Describe to th	ne depth neede	d to document the ir	dicator or co	onfirm the a	bsence o	f indicators.)				
Depth	Matrix		Rec	lox Features	T	. 2	/				
(inches)	Color (moist)		Color (moist)	%	Туре	Loc-	lexture	Remarks			
	10YR 3/1	100					Clay Loam				
9-16"	10YR 5/2	95	10YR 5/6	5	С	М	Clay Loam				
·											
¹ Type: C=C	oncentration, D=Depleti	on, RM=Reduce	d Matrix, CS=Covere	d or Coated S	and Grains.	² Locati	on: PL=Pore Lining	ı, M=Matrix.			
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hyd	ric Soils:			
Histoso	l (A1)		Sandy Gleye	d Matrix (S4)			Iron-Manga	nese Masses (F12)			
Histic E	pipedon (A2)		Sandy Redo	x (S5)			Very Shallo	ow Dark Surface (F22)			
Black H	listic (A3)		Stripped Mat	trix (S6)			Other (Expl	lain in Remarks)			
Hydrog	en Sulfide (A4)		Dark Surface	e (S7)							
Stratifie	d Layers (A5)		Loamy Muck	y Mineral (F1)						
2 cm M	uck (A10)		Loamy Gleye	ed Matrix (F2)							
X Deplete	ed Below Dark Surface (A11)	X Depleted Ma	trix (F3)			2				
Thick D	ark Surface (A12)		Redox Dark	Surface (F6)	_,		[°] The hydric soil ir	ndicators have been updated to			
Sandy	Mucky Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with th	e Field Indicators of Hydric Soils			
5 cm M	ucky Peat or Peat (S3)		Redox Depre	essions (F8)			in the United S	States, Version 8.0, 2016.			
Restrictive L	ayer (if observed):										
Type:						l la coluit o					
Deptil (i	nches).					пушіс	Son Fresent?				
HYDROL	DGY										
Wetland Hyd	Irology Indicators:										
Primary Indic	ators (minimum of one	s required: chec	k all that apply)				Secondary Indica	tors (minimum of two required)			
Surface	e Water (A1)		Water-Staine	ed Leaves (B))		Surface So	il Cracks (B6)			
High W	ater Table (A2)		Aquatic Faur	na (B13)			Drainage Patterns (B10)				
Saturat	ion (A3)		True Aquatio	Plants (B14)		Dry-Season Water Table (C2)					
Water I	/larks (B1)		Hydrogen Su	Ifide Odor (C	1)		Crayfish Burrows (C8)				
Sedime	ent Deposits (B2)		Oxidized Rhi	zospheres or	Living Root	s (C3)	Saturation Visible on Aerial Imagery (C9)				
Drift De	posits (B3)		Presence of	Reduced Iron	i (C4)		Stunted or Stressed Plants (D1)				
Algal M	at or Crust (B4)		Recent Iron	Reduction in	Tilled Soils (0	C6)	Geomorphic Position (D2)				
Iron De	posits (B5)	(- -)	I hin Muck S	urface (C7)			FAC-Neutra	al Test (D5)			
Inundat	ion Visible on Aerial Ima	agery (B7)	Gauge or We	ell Data (D9)							
Sparse	ly vegetated Concave S	unace (B8)	Other (Expla	In in Remarks	5)						
Field Observ	vations:										
Surface Wat	er Present?	Yes No X	Depth (inches): <u>N/A</u>							
Water Table	Present?	Yes <u>No X</u>	Depth (inches): <u>N/A</u>							
Saturation P	resent?	Yes <u>No X</u>	Depth (inches): <u>N/A</u>	Wetland	Hydrolo	gy Present?	Yes NoX			
(Includes cap	corded Data (stream da	ugo monitoring	woll porial photos pr	ovious inspor	tions) if ava	ilabla:					
Describe Re	colded Data (Stream ga	uge, monitoring	well, aeriai priotos, pr	evious irispec	10115 <i>)</i> , 11 ava	liable.					
Remarks:											

Project/Site:	Pleasant Prairie				City/County:	: Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp024
Investigator(s):	B Hess					Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	al relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.9482		Long:		-83.2022	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	im, 0 to 2 percent slopes (Ko)					NWI classif	ication: None
Are climatic / hydrol	ogic conditions on the	site typical for this time of year	?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	Ν	, Soil N	, or Hydrology N	naturally probler	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map showing s	ampling point location	ns, transects, im	oortant featur	es, etc.		
Hydrophytic Ver	petation Present?	· · ·	Yes x	No	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes X	No	within	a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?		Yes X	No				
Remarks:					·			
VEGETATION -	Use scientific r	names of plants.						
				Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1								
2							Number of Dominant Species	
3					·		That Are OBL, FACW, or FAC:	1 (A)
4								
5.							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radi	us)					Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	100% (A/B)
2.								
3.								
4.							Prevalence Index worksheet:	
5.								
					= Total Cover		Total % Cover of:	Multiply by:
					•		That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species 80%	x1 = 0.80
1. Persicaria hydro	opiper			75%	Yes	OBL	FACW species	x2 =
2. Symphyotrichur	m lanceolatum			20%	No	FAC	FAC species 35%	x3 = 1.05
3. Sida spinosa				10%	No	FACU	FACU species 10%	x4 = 0.40
4. Apocynum canr	nabinum			10%	No	FAC	UPL species	x5 =
5. Amaranthus tub	perculatus			5%	No	OBL	Column Totals: 125%	(A) 2.25 (B)
6. Setaria pumila				5%	No	FAC		
7							Prevalence Index =	B/A = 1.80
8.								
9.								
10.							Hydrophytic Vegetation Indicat	tors:
11.								
12.							X 1-Rapid Test for Hydrop	bhytic Vegetation
13.							X 2-Dominance Test is >5	50%
14.							X 3-Prevalence Index is ≤	3.0 ¹
15.							4-Morphological Adapta	tions ¹ (Provide supporting
16.							data in Remarks or on	a separate sheet)
17.							Problematic Hydrophyt	ic Vegetation ¹ (Explain)
18.								
19.							¹ Indicators of hydric soil and wetl	and hydrology must
20.							be present, unless disturbed or p	problematic.
				125%	= Total Cover			
Woody Vine Stratum	n (Plot size: 30' radius	s)					Hydrophytic	
1.		·					Vegetation	
2.					·		Present? Yes	X No
					= Total Cover			— —
Remarks: (Include)	photo numbers here or	on a separate sheet.)					1	
		/						
Profile Desc	ription: (Describe to t	he depth neede	d to document the in	dicator or c	onfirm the a	bsence o	f indicators.)	
------------------------	---------------------------	--------------------	-------------------------	----------------	-----------------	---------------------	---------------------------------	------------------------------------
Depth	Matrix		Rec	lox Features	-	. 2		
(inches)	Color (moist)	%	Color (moist)	%	Туре	Loc	Texture	Remarks
0-11"	10YR 3/1	100					Clay Loam	
11-18"	10YR 4/2	95	10YR 4/4	5	С	М	Clay Loam	
					·			
					·			
					·			
¹ Type: C=C	oncentration. D=Deplet	ion. RM=Reduce	ed Matrix. CS=Covere	d or Coated S	Sand Grains.	² Locati	ion: PL=Pore Lining	. M=Matrix.
Hvdric Soil	ndicators ³ :	,	,			Tes	t Indicators of Hvd	ric Soils:
Histoso	bl (A1)		Sandv Gleve	d Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic E	Epipedon (A2)		Sandy Redo	k (S5)			Verv Shallo	w Dark Surface (F22)
Black H	listic (A3)		Stripped Mat	rix (S6)			Other (Expl	ain in Remarks)
	en Sulfide (A4)		Dark Surface	e (S7)				,
Stratifie	ed Lavers (A5)		Loamy Muck	v Mineral (F1)			
2 cm M	luck (A10)		Loamv Gleve	ed Matrix (F2))			
X Deplete	ed Below Dark Surface	A11)	Depleted Ma	trix (F3)	,			
Thick F)ark Surface (A12)	···· · /	Redox Dark	Surface (F6)			³ The hydric soil in	ndicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with th	e Field Indicators of Hvdric Soils
5 cm M	lucky Peat or Peat (S3)		Redox Depre	essions (F8)	.,		in the United S	States Version 8.0 2016
	aver (if observed):			(-)				
Type	ayer (il observed).							
Depth (inches):					Hydric	Soil Present?	Yes X No
HYDROL	OGY							
Wetland Hv	trology Indicators:							
Primary Indi	cators (minimum of one	is required: chec	k all that apply)				Secondary Indica	tors (minimum of two required)
Surface	e Water (A1)	ie required energy	Water-Staine	d Leaves (B	9)		Surface So	il Cracks (B6)
High W	ater Table (A2)		Aquatic Faur	a (B13)	-)		Drainage P	atterns (B10)
Ngh V	ion (Δ 3)			Plants (B14)	1		Dru-Seasor	Water Table (C2)
Vater	Marke (B1)		Hydrogen Si	llfide Odor (C	/ •1)		Dry-Seasor	
Sedime	ent Denosits (B2)		Oxidized Rhi	zospheres or	n Livina Root	s (C3)	Saturation \	visible on Aerial Imagery (C9)
Drift De	enosits (B3)		Presence of	Reduced Iror	(C.4)	3 (00)	Stunted or 3	Stressed Plants (D1)
	let or Cruct (P4)		Pecent Iron I	Doduction in	Tilled Seile ((26)		(D^2)
	posite (B5)		Thin Muck S			50)		$D_{\rm r}$
	ien Visible en Asriel Ins							
	lion visible on Aerial Im	agery (B7)	Gauge or we	in in Domork	-			
Sparse	ly vegetated Concave a	Sufface (Bo)		in in Remark	s)			
Field Observ	vations:							
Surface Wat	er Present?	Yes No >	C Depth (inches)): N/A				
Water Table	Present?	Yes <u>No</u>	C Depth (inches)): <u>N/A</u>				
Saturation P	resent?	Yes No >	C Depth (inches)): N/A	Wetland	Hydrolo	gy Present?	Yes X No
(includes ca	pillary fringe)							
Describe Re	corded Data (stream ga	uge, monitoring	well, aerial photos, pr	evious inspec	ctions), if ava	ilable:		
Remarka								
nemarks.								

Project/Site:	Pleasant Prairie				City/Count	ty: Galloway/Fran	klin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				Stat	te: OH	Sampling Point:	dp025
Investigator(s):	B Hess					Section, Towns	hip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Toeslop	e			Lo	cal relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.9487		Long:	-	-83.2031	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 percent sl	opes (Ko)				NWI classif	ication: None
Are climatic / hydrol	ogic conditions on the	site typical for this ti	me of year?		Yes	s X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N , or Hydrology	N significantly	disturbed?	Are "Norm	nal Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N , or Hydrology	N naturally pro	blematic?	(If needed	, explain any answers in Remarks.)	
		, com	owing sampling point loca	tions transacts	important featu	ures etc		
		ach site map si						
Hydrophytic Veg	getation Present?		Yes X		IS the	e Sampled Al	rea Non Von	No
Wetland Hydrol	ogy Present?		Yes v	NO <u>X</u>	with		res	
	ogy i resent:			110				
Remarks:								
	- Use scientific I	names of plants	5.					
		•		Absolu	e Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cove	er Species?	Status	Dominance Test worksheet:	
1								
2							Number of Dominant Species	
3.						_	That Are OBL, FACW, or FAC:	1 (A)
4.								
5.							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strat	um (Plot size: 15' radi	us)					Percent of Dominant Species	
1.							That Are OBL, FACW, or FAC:	100% (A/B)
2.								
3.								
4.						_	Prevalence Index worksheet:	
5.								
					= Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species 50%	x1 = 0.50
1. Persicaria hydro	piper			50%	Yes	OBL	FACW species	x2 =
2. Poa pratensis				10%	No	FAC	FAC species 15%	x3 = 0.45
3. Plantago rugelii				3%	No	FAC	FACU species	x4 =
4. Rumex crispus				2%	No	FAC	UPL species	x5 =
5.						_	Column Totals: 65%	(A) 0.95 (B)
6.								
7.						_	Prevalence Index =	B/A = 1.46
8.								
9.								
10.							Hvdrophytic Vegetation Indica	tors:
11								
12.						_	X 1-Rapid Test for Hydro	phytic Vegetation
13							X 2-Dominance Test is >	50%
14							3-Prevalence Index is <	\$3.0 ¹
15							4-Morphological Adapta	ations ¹ (Provide supporting
16							data in Remarks or on	a senarate sheet)
17						<u> </u>	Problematic Hydrophyl	ic Vegetation ¹ (Explain)
19								
10							¹ Indicators of hydric soil and wat	land hydrology must
19								
20							be present, unless disturbed or	problematic.
				65%	= Iotal Cover		-	
		<u> </u>						
Woody Vine Stratun	<u>n</u> (Plot size: 30' radiu	s)					Hydrophytic	
1							Vegetation	
2							Present? Yes	X No
					= Total Cover			
Remarks: (Include	photo numbers here o	r on a separate shee	t.)					

Deptii	Aption: (Describe to the depth	needed to document the ind	dicator or co	onfirm the a	DSENCE OF	inuicators.)	
(inchos)	Color (moist) %	Color (moist)	0/2	Type ¹		Toxturo	Pomorko
			70	туре	LUC	Texture	Remarks
0-18"	10YR 3/1 50					Clay Loam	
	10YR 3/2 50						
		·					
		·					
<u> </u>							
Type: C=Co	oncentration, D=Depletion, RM=F adicators ³ :	Reduced Matrix, CS=Covered	or Coated S	and Grains.	Locatio ²	on: PL=Pore Lining	M=Matrix.
Histosol		Sandy Clever	Matrix (SA)		1000	Iron-Mangai	ne cons. Nese Masses (E12)
Listic E	(A1)	Sandy Bieyed	(95)				v Dork Surface (E22)
	pipedoli (A2)	Salidy Redux	(33) iv (86)				w Dark Surface (F22)
	$\frac{1}{100} \frac{1}{100} \frac{1}$	Supped Matr	IX (30)				an in Remarks)
Hydroge	en Sulfide (A4)		(57)	`			
Stratified	a Layers (A5)	Loamy Mucky	viviineral (F1)			
2 cm Mı	JCK (A10)	Loamy Gleyed	d Matrix (F2)				
Deplete	d Below Dark Surface (A11)	Depleted Mat	rix (F3)			2	
Thick Da	ark Surface (A12)	Redox Dark S	Surface (F6)			'The hydric soil in	dicators have been updated to
Sandy M	/lucky Mineral (S1)	Depleted Darl	k Surface (F	7)		comply with the	e Field Indicators of Hydric Soils
5 cm Μι	ucky Peat or Peat (S3)	Redox Depres	ssions (F8)			in the United S	<i>tates</i> , Version 8.0, 2016.
Restrictive La	ayer (if observed):						
Туре:							
Depth (ir	nches):				Hydric	Soil Present?	Yes NoX
IYDROLC							
Wetland Hyd	DGY rology Indicators:						
Wetland Hyd	DGY rology Indicators: ators (minimum of one is require	d: check all that apply)				Secondary Indicat	ors (minimum of two required)
Wetland Hyd Primary Indica Surface	DGY rology Indicators: ators (minimum of one is require Water (A1)	d: check all that apply) Water-Stained	d Leaves (BS	9)		Secondary Indicat	ors (minimum of two required) Cracks (B6)
Wetland Hyd Primary Indic Surface High Wa	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2)	d: check all that apply) Water-Stained Aquatic Faun	d Leaves (BS))		Secondary Indicat	ors (minimum of two required) I Cracks (B6) atterns (B10)
Wetland Hyd Primary Indic Surface High Wa	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3)	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic	d Leaves (B9 a (B13) Plants (B14)))		Secondary Indicat Surface Soi	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2)
Vetland Hyd Primary Indic Surface High Wa Saturatic	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Jarks (B1)	d: check all that apply) Water-Stainer Aquatic Fauna True Aquatic Hydrogen Sul	d Leaves (B9 a (B13) Plants (B14) fide Odor (C))		Secondary Indicat Surface Soi Drainage Pa Dry-Season	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2)
Vetland Hyd Primary Indic Surface High Wa Saturatio Water M	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1)	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul	d Leaves (BS a (B13) Plants (B14) fide Odor (C)) 1)	c.(C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)
Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2)	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz	d Leaves (B9 a (B13) Plants (B14) fide Odor (C cospheres on	9) 1) I Living Root	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9)
Vetland Hyd Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3)	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F	d Leaves (B9 a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron	9) 1) I Living Root (C4)	s (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
Vetland Hyd Primary Indica Surface High Wa Saturatia Water M Sedimer Drift Dep Algal Ma	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R	d Leaves (B9 a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron	9) I Living Root (C4) Filled Soils (1	s (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2)
Wetland Hyd Primary Indica Surface High Wa Saturativ Water M Sedimer Drift Dep Algal Ma Iron Dep	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron reduction in ⁻ trface (C7)	9) I Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
Vetland Hyd Primary Indic: Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) fon Visible on Aerial Imagery (B7	d: check all that apply) Water-Stainer Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron Reduced Iron Reduction in ⁻ Irface (C7) Il Data (D9)	9) 1) Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) : Position (D2) I Test (D5)
Vetland Hyd Primary Indic. Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B	d: check all that apply) Water-Stainer Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Salphi Cher (Explain	d Leaves (B9 a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron Reduced Iron Reduced Iron In face (C7) Il Data (D9) n in Remarks	9) 1 Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) 'isible on Aerial Imagery (C9) Stressed Plants (D1) : Position (D2) I Test (D5)
Vetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B ations:	d: check all that apply) Water-Stainer Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or We 38) Other (Explain	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron Reduced Iron reduction in ⁻ rrface (C7) Il Data (D9) n in Remarks)) I Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
Wetland Hyd Primary Indic Surface High Wa Saturation Water M Sedimen Drift Dep Algal Ma Iron Dep Inundati Sparsely	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B ations: er Present? Yes	d: check all that apply) Water-Stainer Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or We 88) Other (Explain	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron Reduced Iron Reduction in [–] Ifface (C7) Il Data (D9) n in Remarks 	9) 1) Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Yisible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
Wetland Hyd Primary Indic Surface High Wa Saturation Water M Sedimen Drift Dep Algal Ma Iron Dep Inundati Sparsely	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B ations: er Present? Yes Present? Yes	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su (38) No X Depth (inches): No X Depth (inches):	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron Reduced Iron Reduction in [–] Iface (C7) II Data (D9) n in Remarks <u>N/A</u> <u>N/A</u>	9) 1 Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) : Position (D2) I Test (D5)
Vetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimer Drift Der Algal Ma Iron Der Inundati Sparsely Field Observa Surface Wate Water Table I Saturation Pro	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) boosits (B5) fon Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B ations: er Present? Yes Present? Yes esent? Yes	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Sauge or We Sal No X Depth (inches): No X Depth (inches): No X Depth (inches):	d Leaves (B9 a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron Reduced Iron rface (C7) Il Data (D9) n in Remarks <u>N/A</u> <u>N/A</u>	9) 1 Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) 'isible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5) Yes X No
Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Der Algal Ma Iron Der Inundati Sparsely Field Observa Surface Water Water Table I Saturation Pro- (includes cap	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) bosits (B5) fon Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B ations: er Present? Yes Present? Yes esent? Yes illary fringe)	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or We 88) Other (Explain No X Depth (inches): No X Depth (inches):	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron reduction in irface (C7) Il Data (D9) n in Remarks <u>N/A</u> N/A	9) I Living Root (C4) Filled Soils ((s (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5) Yes X No
Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Der Algal Ma Iron Der Inundati Sparsely Field Observa Surface Water Water Table I Saturation Pro (includes cap Describe Rec	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) boosits (B5) on Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B ations: er Present? Yes esent? Yes illary fringe) corded Data (stream gauge, mon	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Other (Explain No Depth (inches): No Depth (inches):	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron Reduced Iron rface (C7) Il Data (D9) n in Remarks <u>N/A</u> <u>N/A</u> <u>N/A</u> vious inspec	9) 1) Living Root (C4) Filled Soils ((5) Wetland tions), if ava	s (C3) C6) I Hydrolog	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5) Yes X No
Wetland Hyd Primary Indic Surface High Wa Saturatie Water M Sedimer Drift Der Algal Ma Iron Der Inundati Sparsely Field Observa Surface Water Water Table I Saturation Pro (includes cap Describe Rec	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B ations: er Present? Yes Present? Yes esent? Yes iillary fringe) corded Data (stream gauge, mon	d: check all that apply) Water-Stainer Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or We 88) Other (Explain No X Depth (inches): No X Depth (inches): No X Depth (inches): No X Depth (inches):	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron teduction in [–] trface (C7) Il Data (D9) n in Remarks <u>N/A</u> <u>N/A</u> <u>N/A</u> vious inspec	9) 1 Living Root (C4) Filled Soils (5) Wetland tions), if ava	s (C3) C6) I Hydrolog	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Der Algal Ma Iron Der Inundati Sparsely Field Observa Surface Water Water Table I Saturation Pro- (includes cap Describe Reco Remarks:	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) bosits (B5) fon Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B ations: er Present? Yes Present? Yes esent? Yes iillary fringe) corded Data (stream gauge, mon	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or We 88) Other (Explain No X Depth (inches): No X Depth (inches): No X Depth (inches): No X Depth (inches):	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron teduction in ⁻ erface (C7) II Data (D9) n in Remarks <u>N/A</u> <u>N/A</u> <u>N/A</u> vious inspect	9) 1) Living Root (C4) Filled Soils ((5) Wetland tions), if ava	s (C3) C6) I Hydrolog	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) fisible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5) Yes X No
Wetland Hyd Primary Indic Surface High Wa Saturatii Water N Sedimen Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Observa Surface Water Water Table I Saturation Pro (includes cap Describe Reco	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) bosits (B5) on Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B ations: er Present? Yes Present? Yes illary fringe) corded Data (stream gauge, mon	d: check all that apply) Water-Stainer Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or We 88) Other (Explain No X Depth (inches): No X Depth (inches): No X Depth (inches): No X Depth (inches):	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron reduction in [–] rrface (C7) Il Data (D9) n in Remarks <u>N/A</u> <u>N/A</u> <u>N/A</u> vious inspec	9) 1 Living Root (C4) Filled Soils (5) Wetland tions), if ava	s (C3) C6) I Hydrolog	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rows (C8) fisible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
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Vetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Der Algal Ma Iron Der Inundati Sparsel Surface Wate Nater Table I Saturation Pro Cincludes cap Describe Reco	DGY rology Indicators: ators (minimum of one is require Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) bosits (B5) fon Visible on Aerial Imagery (B7 y Vegetated Concave Surface (B ations: er Present? Yes Present? Yes illary fringe) corded Data (stream gauge, mon	d: check all that apply) Water-Stained Aquatic Fauna True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Thin Muck Su Gauge or We 88) Other (Explain No X Depth (inches): No X Depth (inches): No X Depth (inches): No X Depth (inches):	d Leaves (BS a (B13) Plants (B14) fide Odor (C cospheres on Reduced Iron teduction in rface (C7) II Data (D9) n in Remarks <u>N/A</u> <u>N/A</u> <u>N/A</u> vious inspect	9) 1) Living Root (C4) Filled Soils ((5) Wetland tions), if ava	s (C3) C6) I Hydrolog	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S X Geomorphic X FAC-Neutra	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rows (C8) fisible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5) Yes X No

Project/Site:	Pleasant Prairie			City/County:	Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy			State:	ОН	Sampling Point:	dp026
Investigator(s):	B Hess				Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope	e, terrace, etc.):	Summit			Loc	al relief (concave, convex, none):	none
Slope (%):	0% Lat:	39.943		Long:		-83.2146	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam, 0 to 2 pe	rcent slopes (Ko)				NWI class	ification: None
Are climatic / hydro	ologic conditions on the site typical fo	or this time of year?		Yes	X No	(If no, explain in Remarks.)
Are Vegetation	N , Soil	N , or Hydrology	N significantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N , Soil	N , or Hydrology	N naturally problem	natic?	(If needed	explain any answers in Remarks	.)
SUMMARY OF	FINDINGS Attach site m	nap showing sampling point l	ocations, transects, im	portant featur	es, etc.		
Hydrophytic Ve	egetation Present?	Yes	No <u>x</u>	Is the	Sampled Ar	ea	
Hydric Soil Pre	sent?	Yes	No <u>x</u>	within	a Wetland?	Yes	<u>No x</u>
Wetland Hydro	logy Present?	Yes	No <u>X</u>				
Remarks:							
VEGETATION	Use scientific names of	plants.	Absolute	Dominant	Indicator	1	
Tree Stratum (Plot	t size: 30' radius)		% Cover	Species?	Status	Dominance Test worksheet:	
1			·			Number of Dominant Spacing	
2				·		That Are OBL EACW or EAC	0 (0)
3				·		That Are ODE, I AGW, of I AG.	(
5				·		Total Number of Dominant	
				= Total Cover		Species Across All Strata:	1 (B)
							(-/
Sapling/Shrub Stra	tum (Plot size: 15' radius)					Percent of Dominant Species	
1.	-					That Are OBL, FACW, or FAC:	0% (A/B)
2.							
3.							
4.						Prevalence Index worksheet:	
5.							
				= Total Cover		Total % Cover of:	Multiply by:
						That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plo	t size: 5' radius)					OBL species	x1 =
1. Glycine max			90%	Yes	UPL	FACW species	x2 =
2						FAC species	x3 =
3				·			X4 =
4						Column Totolo:	$x_{D} = 4.50$
3							(A)(B)
7				. <u> </u>		Drevalance Index -	$= B/\Delta = 5.00$
8				. <u> </u>			- 0.00
9				·			
10.			·			Hydrophytic Vegetation Indic	ators:
11.			·			,,	
12.				·		1-Rapid Test for Hvdro	ophytic Vegetation
13.						2-Dominance Test is >	>50%
14.				·		3-Prevalence Index is	≤3.0 ¹
15.						4-Morphological Adap	tations ¹ (Provide supporting
16.						data in Remarks or o	n a separate sheet)
17.				·		Problematic Hydrophy	ytic Vegetation ¹ (Explain)
18.							

18	90%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			

Brofile Door	rintion: (Describe to t	he denth needs	d to document the	indicator or o	onfirm the a	haanaa of	indiactora)	· · · · · · · · · · · · · · · · · · ·
Prolile Dest	Motrix	ine depth neede		Indicator or co	ommini the a	DSence of	indicators.)	
Depin (inches)			Color (moiot)		Turna ¹	1 = = 2	Tauduna	Demerika
(incnes)	Color (moist)	%	Color (moist)	%	Туре	LOC	Texture	Remarks
0-18"	10YR 3/1	100					Clay Loam	
					·			
					·			
¹ Type: C=C	concentration, D=Deplet	tion, RM=Reduce	ed Matrix, CS=Cover	ed or Coated S	Sand Grains.	² Locatio	on: PL=Pore Lining	, M=Matrix.
Hydric Soil	ndicators ³ :					Test	Indicators of Hydr	ric Soils:
Histos	ol (A1)		Sandy Gley	ed Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic I	Epipedon (A2)		Sandy Red	ox (S5)			Very Shallo	w Dark Surface (F22)
Black I	Histic (A3)		Stripped Ma	atrix (S6)			Other (Expl	ain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surfac	ce (S7)				
Stratifi	ed Layers (A5)		Loamy Muc	ky Mineral (F1)			
2 cm N	luck (A10)		Loamy Gley	/ed Matrix (F2))			
Deplet	ed Below Dark Surface	(A11)	Depleted M	atrix (F3)				
Thick I	Dark Surface (A12)	. ,	Redox Dark	Surface (F6)			³ The hydric soil in	dicators have been updated to
Sandv	Muckv Mineral (S1)		Depleted D	ark Surface (F	7)		comply with th	e Field Indicators of Hvdric Soils
5 cm M	lucky Peat or Peat (S3)		Redox Dep	ressions (F8)	,		in the United S	States Version 8.0. 2016.
				()				,
Restrictive	_ayer (if observed):							
Type:								
Depth (inches):					Hydric	Soil Present?	Yes NoX
HYDROL	OGY							
Wetland Hy	drology Indicators:							
Primary Indi	cators (minimum of one	is required: chec	ck all that apply)		2)		Secondary Indica	tors (minimum of two required)
Surfac	e Water (A1)		Water-Stair	ied Leaves (B	9)		Surface Sol	II Cracks (B6)
High W	/ater Table (A2)		Aquatic Fat	una (B13)			Drainage P	atterns (B10)
Satura	tion (A3)		True Aquat	ic Plants (B14)			Dry-Seasor	n Water Table (C2)
Water	Marks (B1)		Hydrogen S	Sulfide Odor (C	:1)		Crayfish Bu	rrows (C8)
Sedim	ent Deposits (B2)		Oxidized RI	nizospheres or	n Living Root	s (C3)	Saturation \	/isible on Aerial Imagery (C9)
Drift D	eposits (B3)		Presence o	f Reduced Iror	n (C4)		Stunted or S	Stressed Plants (D1)
Algal N	lat or Crust (B4)		Recent Iron	Reduction in	Tilled Soils (0	C6)	Geomorphi	c Position (D2)
Iron De	eposits (B5)		Thin Muck	Surface (C7)			FAC-Neutra	al Test (D5)
Inunda	tion Visible on Aerial Im	agery (B7)	Gauge or W	/ell Data (D9)				
Sparse	ly Vegetated Concave	Surface (B8)	Other (Expl	ain in Remark	s)			
Field Oheer					1			
Field Obser	vations:	Vac Na N	V Donth (inches					
	Drocont?		Depuit (inches	5). <u>IN/A</u>				
Soturotion 5	rocont?		Depuit (inche)	s): N/A	Motional		w Brocont?	
	resent?			s). <u>N/A</u>	vvetianu	ι πγατοιοξ	ly Present?	
	pinary milye) poorded Data (stroom of	aude monitoring	well aerial photos r	revious inener	L stions) if ava	ilahla.		
Describe Re	conded Data (Silealli gi	auge, monitoring	weii, aeriai μποιοs, μ		,, ii ava			
Remarka								
Nernarks.								

Project/Site:	Pleasant Prairie			City/County:	Galloway/Frank	klin	Sampling Date: <u>9/30/2020</u>
Applicant/Owner:	Inenergy			State:	ОН	Sampling Point:	dp027
Investigator(s):	B Hess				Section, Townsh	nip, Range: <u>N/A</u>	
Landform (hillslope	e, terrace, etc.): Summit				Loc	cal relief (concave, convex, n	one): <u>none</u>
Slope (%):	0% Lat:	39.9412		Long:		-83.2132	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Lewisburg-Crosby complex, 2 to 6 percent slo	bes (LeB)				NWI	classification: None
Are climatic / hydro	ologic conditions on the site typical for this time o	year?		Yes	X No	(If no, explain in Rema	arks.)
Are Vegetation	N, Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N, Soil N	, or Hydrology N	naturally probler	natic?	(If needed	, explain any answers in Rem	arks.)
SUMMARY OF	FINDINGS Attach site map showi	ng sampling point locations,	, transects, im	portant featur	es, etc.		
Hydrophytic Ve	egetation Present?	Yes x	No	Is the	Sampled Ar	ea	
Hydric Soil Pre	esent?	Yes	No <u>x</u>	within	a Wetland?	Yes	No <u></u> _
vvetland Hydro	blogy Present?	Yes	NO <u>X</u>	-			
Remarks:							
	Use scientific names of plants						
			Absolute	Dominant	Indicator		
Tree Stratum (Plot	t size: 30' radius)		% Cover	Species?	Status	Dominance Test worksho	eet:
1				<u> </u>			
2						Number of Dominant Spec	xies
3				·		That Are OBL, FACW, or I	FAC: 1 (A)
4							
5						Total Number of Dominant	t
				= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Stra	ttum (Plot size: 15' radius)					Percent of Dominant Spec	ies
1						That Are OBL, FACW, or I	FAC: 100% (A/B)
2				·			
3				·		Drevelence Index workeb	
4						Frevalence index worksin	Bet.
5.				= Total Cover		Total % Cover of	Multiply by:
						That Are OBL, FACW, or F	AC: A/B
Herb Stratum (Plot	t size: 5' radius)					OBL species	x1 =
1. Echinochloa cr	rus-galli		25%	Yes	FACW	FACW species	27% x2 = 0.54
2. Hibiscus trionu	Im		3%	No	UPL	FAC species	x3 =
3. Panicum dicho	otomiflorum		2%	No	FACW	FACU species	x4 =
4.						UPL species	3% x5 = 0.15
5.						Column Totals:	30% (A) 0.69 (B)
6							
7						Prevalence Inc	dex = B/A =2.30
8							
9				· ·			
10						Hydrophytic Vegetation I	ndicators:
11							
12				·		X 1-Rapid Test for	Hydrophytic Vegetation
13				·		X 2-Dominance Tes	st is >50%
14				·		3-Prevalence Ind	ex is ≤3.0 ¹
15						4-Morphological A	Adaptations' (Provide supporting
16						data in Remarks	or on a separate sheet)
17				·		Problematic Hyd	ropnytic Vegetation' (Explain)
18.							

18. 19. 20.	30%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1 2		= Total Cover	Hydrophytic Vegetation Present? Yes X No
Remarks: (Include photo numbers here or on a separate sheet.)			I

Profile Desc	cription: (Describe to t	he depth needed	to document the inc	dicator or co	onfirm the a	bsence of	indicators.)		
Depth	Matrix		Redo	ox Features	T	. 2		_	
(inches)	Color (moist)	%	Color (moist)	%	Туре	Loc	lexture	Remai	ks
0-18"	10YR 3/1	100					Clay Loam		
					·				
					·				
					·				
¹ Type: C=C	Concentration, D=Deplet	ion, RM=Reduced	Matrix, CS=Covered	or Coated S	and Grains.	² Locatio	on: PL=Pore Lining,	M=Matrix.	
Hydric Soil	Indicators ³ :					Test	Indicators of Hydri	c Soils:	
Histoso	ol (A1)		Sandy Gleyed	d Matrix (S4)			Iron-Mangar	nese Masses (F12)	
Histic I	Epipedon (A2)		Sandy Redox	(S5)			Very Shallov	v Dark Surface (F22)
Black I	Histic (A3)		Stripped Matr	ix (S6)			Other (Expla	in in Remarks)	
Hydrog	gen Sulfide (A4)		Dark Surface	(S7)					
Stratifie	ed Layers (A5)		Loamy Mucky	/ Mineral (F1)				
2 cm N	/luck (A10)		Loamy Gleyed	d Matrix (F2)					
Deplet	ed Below Dark Surface	(A11)	Depleted Mat	rix (F3)					
Thick [Dark Surface (A12)		 Redox Dark S	Surface (F6)			³ The hydric soil in	dicators have been ι	pdated to
Sandy	Mucky Mineral (S1)		Depleted Darl	k Surface (F	7)		comply with the	Field Indicators of I	Hydric Soils
5 cm M	lucky Peat or Peat (S3)		Redox Depres	ssions (F8)			in the United S	<i>tates</i> , Version 8.0, 2	016.
Restrictive I	Layer (if observed):								
Type:									
Depth (inches):					Hydric	Soil Present?	Yes	No X
HYDROL Wetland Hyd	OGY drology Indicators:								
Primary Indi	cators (minimum of one	is required: check	all that apply)				Secondary Indicat	ors (minimum of two	required)
Surfac	e Water (A1)		Water-Stained	d Leaves (B	9)		Surface Soil	Cracks (B6)	
High W	/ater Table (A2)		Aquatic Fauna	a (B13)			Drainage Pa	itterns (B10)	
Satura	tion (A3)		True Aquatic	Plants (B14)			Dry-Season	Water Table (C2)	
Water	Marks (B1)		Hydrogen Sul	lfide Odor (C	1)		Crayfish Bur	rows (C8)	
Sedime	ent Deposits (B2)		Oxidized Rhiz	zospheres on	Living Root	s (C3)	Saturation V	isible on Aerial Imag	ery (C9)
Drift De	eposits (B3)		Presence of F	Reduced Iron	ı (C4)		Stunted or S	stressed Plants (D1)	
Algal N	/lat or Crust (B4)		Recent Iron R	Reduction in ⁻	Tilled Soils (0	C6)	Geomorphic	Position (D2)	
Iron De	eposits (B5)		Thin Muck Su	urface (C7)			X FAC-Neutra	l Test (D5)	
Inunda	tion Visible on Aerial Im	agery (B7)	Gauge or We	ll Data (D9)					
Sparse	ely Vegetated Concave S	Surface (B8)	Other (Explain	n in Remarks	3)				
Field Obser	vations:								
Surface Wa	ter Present?	Yes No X	Depth (inches):	N/A					
Water Table	Present?	Yes No X	Depth (inches):	N/A					
Saturation F	Present?	Yes No X	Depth (inches):	N/A	Wetland	Hydrolog	gy Present?	Yes	No <u>X</u>
(includes ca	pillary fringe)								
Describe Re	ecorded Data (stream ga	uge, monitoring w	ell, aerial photos, pre	evious inspec	tions), if ava	ilable:			
Remarks:									

Project/Site:	Pleasant Prairie				City/County	/: Galloway/Fran	klin Sampling Date: 9/30/2020	
Applicant/Owner:	Inenergy				State	e: OH	Sampling Point: dp028	
Investigator(s):	B Hess					Section, Towns	nip, Range: N/A	
Landform (hillslope	e, terrace, etc.):	Summit				Lo	cal relief (concave, convex, none): none	
Slope (%):	0%	Lat:	39.9404		Long:		-83.2129 Datum: NAD83 UTM16N	
Soil Map Unit Nam	ie: Kokomo silty clay loa	m, 0 to 2 percent slopes (ł	ío)				NWI classification: None	
Are climatic / hydro	ologic conditions on the	site typical for this time of	/ear?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology	N significantly	disturbed?	Are "Norm	al Circumstances" present? Yes X No	_
Are Vegetation	Ν	, Soil N	, or Hydrology	N naturally pro	blematic?	(If needed	explain any answers in Remarks.)	
SUMMARY OF	F FINDINGS Atta	ich site map showin	g sampling point loo	ations, transects,	mportant featu	res, etc.		
Hydrophytic Ve	egetation Present?		Yes <u>x</u>	No	Is the	Sampled A	ea	
Hydric Soil Pre	esent?		Yes	No <u>x</u>	withi	n a Wetland?	Yes No <u></u>	
Wetland Hydro	ology Present?		Yes	No <u>X</u>				
Remarks:								
VEGETATION	Use scientific r	names of plants.						
		•		Absolut	e Dominant	Indicator		
Tree Stratum (Plot	t size: 30' radius)			% Cove	r Species?	Status	Dominance Test worksheet:	
1								
2							Number of Dominant Species	
3							That Are OBL, FACW, or FAC:(A)	
4								
5							Total Number of Dominant	
					= Total Cover		Species Across All Strata: 1 (B)	
Carling/Charle Char								
Sapling/Shrub Stra	atum (Plot size: 15' radii	us)					Percent of Dominant Species	
1					·		That Are OBL, FACW, or FAC: 100% (A/B	3)
2								
3							Provalance Index worksheet:	
4 5								
0.					= Total Cover		Total % Cover of: Multiply by:	
							That Are OBL, FACW, or FAC: A/B	_
Herb Stratum (Plo	ot size: 5' radius)						OBL species x1 =	-
1. Phragmites au	Istralis			95%	Yes	FACW	FACW species 95% x2 = 1.90	_
2.							FAC species x3 =	-
3.							FACU species x4 =	
4.							UPL species x5 =	_
5.							Column Totals: 95% (A) 1.90	(B)
6								
7							Prevalence Index = B/A = 2.00	_
8								
9								
10							Hydrophytic Vegetation Indicators:	
11								
12							X 1-Rapid Test for Hydrophytic Vegetation	
13							X 2-Dominance Test is >50%	
14							3-Prevalence Index is ≤3.0'	
15							4-Morphological Adaptations ' (Provide supporting	
16							data in Remarks or on a separate sheet)	
17							Problematic Hydrophytic Vegetation (Explain)	
118.								

18	95%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1 2		= Total Cover	Hydrophytic Vegetation Present? Yes X No
Remarks: (Include photo numbers here or on a separate sheet.)			

Profile Desc	ription: (Describe to	the depth needed t	o document the in	dicator or co	onfirm the al	bsence of	indicators.)	
Depth	Matrix		Red	ox Features				
(inches)	Color (moist)	<u>%</u> C	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18"	10YR 3/1	100					Clay Loam	
							·	
		·						
¹ Type: C=C	oncentration, D=Depl	etion, RM=Reduced I	Matrix, CS=Covered	d or Coated S	and Grains.	² Locatio	on: PL=Pore Lining	, M=Matrix.
Hydric Soil I	ndicators ³ :					Test	Indicators of Hyd	ric Soils:
Histoso	ol (A1)		Sandy Gleye	d Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic E	Epipedon (A2)		Sandy Redox	(S5)			Very Shallo	ow Dark Surface (F22)
Black H	listic (A3)		Stripped Mat	rix (S6)			Other (Exp	lain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	(S7)				
Stratifie	ed Layers (A5)		Loamy Muck	y Mineral (F1)			
2 cm N	luck (A10)		Loamy Gleye	d Matrix (F2)				
Deplete	ed Below Dark Surface	e (A11)	Depleted Mat	trix (F3)				
Thick E	Dark Surface (A12)		Redox Dark S	Surface (F6)			³ The hydric soil ir	ndicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Dar	k Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm N	lucky Peat or Peat (S3	5)	Redox Depre	ssions (F8)			in the United S	States , Version 8.0, 2016.
Restrictive I	ayer (if observed):							
Type:	,							
Depth (nches):					Hydric	Soil Present?	Yes No X
Remarks:								
HYDROL	OGY							
Wetland Hyd	rology Indicators:							
Primary Indi	cators (minimum of on	e is required: check a	all that apply)				Secondary Indica	tors (minimum of two required)
Surface	e Water (A1)	·	Water-Staine	d Leaves (B	9)		 Surface So	il Cracks (B6)
High W	ater Table (A2)	•	Aquatic Faun	(B13)	,		Drainage P	atterns (B10)
Saturat	ion (A3)		True Aquatic	Plants (B14)			Drv-Seasor	Water Table (C2)
Water	Marks (B1)		Hvdrogen Su	Ifide Odor (C	1)		Cravfish Bi	irrows (C8)
Sedime	ent Deposits (B2)	•	Oxidized Rhi	zospheres or	. Living Roots	s (C3)	Saturation	Visible on Aerial Imagery (C9)
Drift De	enosits (B3)	•	Presence of I	Reduced Iron	(C4)	0(00)	Stunted or	Stressed Plants (D1)
	lat or Crust (B4)		Recent Iron F	Peduction in ⁻	Filled Soils ((7 6)	Geomorphi	c Position (D2)
	nacion Clust (D4)	•	Thin Muck Si	urface (C7)		50)	X EAC-Neutra	(D2)
	iposits (BS)							
	tion visible on Aerial I	nagery (B7)	Gauge or we	ell Data (D9)				
Sparse	ly vegetated Concave	Surface (B8)	Other (Explai	n in Remarks	5)			
Field Observ	vations:							
Surface Wat	er Present?	Yes No X	Depth (inches)	: N/A				
Water Table	Present?	Yes No X	Depth (inches)	: <u>N/A</u>				
Saturation P	resent?	Yes No X	Depth (inches)	: N/A	Wetland	Hydrolog	y Present?	Yes NoX
(includes ca	pillary fringe)							
Describe Re	corded Data (stream	gauge, monitoring we	ll, aerial photos, pre	evious inspec	tions), if ava	ilable:		
Remarka								
nemarks.								

Project/Site:	Pleasant Prairie					City/County:	: Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp029
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	
Landform (hillslope	e, terrace, etc.):	Summit					Loc	al relief (concave, convex, r	none): none
Slope (%):	0%	Lat:	39.9403			Long:		-83.2045	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loa	am, 0 to 2 percent slopes (k	ío)					NWI	classification: <u>PEM1A</u>
Are climatic / hydro	ologic conditions on the	site typical for this time of y	/ear?			Yes	X No	(If no, explain in Rem	narks.)
Are Vegetation	N	, Soil N	, or Hydrology	N s	ignificantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	<u> </u>	, Soil <u>N</u>	, or Hydrology	N r	aturally probler	matic?	(If needed,	explain any answers in Ren	narks.)
SUMMARY OF	FINDINGS Atta	ach site map showin	g sampling point l	ocations, tra	insects, im	portant featur	res, etc.		
Hydrophytic Ve	egetation Present?		Yes	No	X	Is the	Sampled Ar	ea	
Hydric Soil Pre	esent?		Yes	No	Х	within	a Wetland?	Yes	s No <u></u>
Wetland Hydro	logy Present?		Yes	No	X	-			
Remarks:									
	Use scientific i	names of plants							
					Absolute	Dominant	Indicator		
<u>Tree Stratum</u> (Plo	t size: 30' radius)				% Cover	Species?	Status	Dominance Test worksh	neet:
1									
2								Number of Dominant Spe	cies
3								That Are OBL, FACW, or	FAC: 0 (A)
4						<u> </u>			
5				<u> </u>		<u></u>		Total Number of Dominar	nt
						= Total Cover		Species Across All Strata	ι: <u>1</u> (B)
Sapling/Shrub Stra	<u>itum</u> (Plot size: 15' radi	us)						Percent of Dominant Spe	cies
1								That Are OBL, FACW, or	FAC: 0% (A/B)
2									
3									haati
4								Prevalence index works	heet.
5.						- Total Cover		Total % Cover of	f Multiply by
								That Are OBL, FACW, or	FAC: A/B
Herb Stratum (Plo	t size: 5' radius)							OBL species	x1 =
1. Glycine max			_		90%	Yes	UPL	FACW species	1% x2 = 0.02
2. Echinochloa ci	rus-galli				1%	No	FACW	FAC species	x3 =
3.								FACU species	x4 =
4.								UPL species	90% x5 = 4.50
5								Column Totals:	91% (A) 4.52 (B)
6									
7								Prevalence In	ndex = B/A = 4.97
8									
9						<u> </u>			
10						<u> </u>		Hydrophytic Vegetation	Indicators:
11									
12						<u></u>		1-Rapid Test for	Hydrophytic Vegetation
13								2-Dominance Te	est is >50%
14								3-Prevalence Inc	Jex is ≤3.0
15								4-Morphological	Adaptations' (Provide supporting
16								data in Remarks	s or on a separate sheet)
17						<u> </u>			arophytic vegetation (Explain)
118.								1	

18. 19. 20.	91% =	Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			I

Profile Desc	ription: (Describe to th	ne depth neede	d to document the in	dicator or c	onfirm the a	bsence o	f indicators.)	
Depth	Matrix		Rec	lox Features	-	. 2		
(inches)	Color (moist)	%	Color (moist)	%	Туре	Loc	Texture	Remarks
0-12"	10YR 3/1	100					Clay Loam	
12-18"	10YR 4/1	95	10YR 5/6	5	С	М	Clay Loam	
	opportation D-Doplati	on DM-Doduco	d Matrix CS-Cavara	d or Coatad S	and Craina	² l ooot	ion: DI - Doro Lining	M-Motrix
Hydric Soil I	ndicators ³				Sanu Grains.	Tes	t Indicators of Hvdi	
Histoso			Sandy Gleve	d Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic F	nipedon (A2)		Sandy Redox	(S5)			Verv Shallo	w Dark Surface (F22)
Black H	listic (A3)		Stripped Mat	rix (S6)			Other (Expl	ain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	(S7)				
Stratifie	ad Lavers (A5)		Loamy Muck	v Mineral (F1)			
Otratille	uck (A10)		Loamy Gleve	d Matrix (F2))			
2 cm w	d Rolow Dark Surface (A11)	Loainy Cleye	triv (E2))			
Depiete	ork Surface (A12)	ATT)	Depleted Ma	Surface (E6)			³ Tho hydric coil in	dicators have been undated to
Thick D	Musky Minoral (S1)			sullace (FO)	7)			a Field Indicators of Hudria Saila
Sandy I	wucky Mineral (ST)		Depieted Dat	IK Sullace (F	7)		comply with th	e Field Indicators of Hydric Solis
	ucky real of real (33)			5510115 (FO)			in the Onited S	States, version 8.0, 2010.
Restrictive L	ayer (if observed):							
Type:								
Depth (I	nches):					Hydric	Soil Present?	Yes NOX
HYDROL	OGY							
Wetland Hyd	Irology Indicators:							
Primary Indic	ators (minimum of one	s required: chec	k all that apply)				Secondary Indica	tors (minimum of two required)
Surface	Water (A1)		Water-Staine	d Leaves (B	9)		Surface Soi	il Cracks (B6)
Hiah W	ater Table (A2)		Aquatic Faur	na (B13)			Drainage P	atterns (B10)
Saturat	ion (A3)		True Aquatic	Plants (B14))		Drv-Seasor	Water Table (C2)
Water M	Marks (B1)		Hvdrogen Su	llfide Odor (C	;1)		Cravfish Bu	rrows (C8)
Sedime	ent Deposits (B2)		Oxidized Rhi	zospheres or	n Living Root	s (C3)	Saturation V	√isible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence of	Reduced Iror	n (C4)	()	Stunted or St	Stressed Plants (D1)
Algal M	at or Crust (B4)		Recent Iron I	Reduction in	Tilled Soils ((26)	Geomorphi	c Position (D2)
Iron De	posits (B5)		Thin Muck S	urface (C7)		50)	FAC-Neutra	al Test (D5)
	ion Visible on Aerial Ima	agen (B7)	Gauge or We	all Data (DQ)				
Sparse	ly Vegetated Concave S	urface (B8)	Other (Expla	in in Remarks	s)			
Field Observ	vations.	•			Ι			
Surface Wat	er Present?	Yes No X	Denth (inches)	· N/A				
Water Table	Present?	Yes No X	Depth (inches)	N/A				
Saturation P	resent?	Yes No X	Depth (inches)	N/A	Wetland	Hydrolo	av Present?	Yes No X
(includes car	nillary fringe)		<u> </u>		Wetland	nyarolo	gyrresenti	
Describe Re	corded Data (stream da	uge, monitorina	well, aerial photos, pro	evious inspec	ctions). if ava	ilable:		
		-9-,9	····, -···		,			
Remarks:								
1								

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp030
Investigator(s):	B Hess					Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	al relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.9428		Long:		-83.1883	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	am, 0 to 2 percent slopes (Ko)					NWI classif	ication: None
Are climatic / hydrol	ogic conditions on the	site typical for this time of yea	r?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally probler	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map showing	sampling point location	s, transects, im	portant featur	res, etc.		
Hydrophytic Ve	getation Present?	1	Yes x	No	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes x	No	withir	n a Wetland?	Yes <u>x</u>	No
welland Hydrol	ogy Present?		res <u>x</u>		-			
Remarks:								
	Use scientific	names of plants						
				Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1								
2							Number of Dominant Species	
3							That Are OBL, FACW, or FAC:	<u> </u>
4								
5							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strat	um (Plot size: 15' rad	ius)					Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	75% (A/B)
2								
3					·			
4					·		Prevalence Index worksheet:	
5.							T () () ()	
					= Total Cover		Total % Cover of:	Multiply by:
Herb Stratum (Plot	size: 5' radius)						OBL species	
1 Echinochloa cru				35%	Ves	FACW	EACW species 55%	$x^2 = 1.10$
2 Setaria pumila	is-gain			20%	Yes	FAC	FAC species 25%	$x_2 = 0.75$
3 Panicum dichot	omiflorum			20%	Yes	FACW	FACU species 25%	x4 = 100
4. Sida spinosa				20%	Yes	FACU	UPL species	x5 =
5. Ipomoea heder	acea			5%	No	FAC	Column Totals: 105%	(A) 2.85 (B)
6. Ipomoea purpu	rea			5%	No	FACU		
7.							Prevalence Index =	B/A = 2.71
8.								
9.								
10.							Hydrophytic Vegetation Indicat	tors:
11								
12							1-Rapid Test for Hydrop	phytic Vegetation
13.							X 2-Dominance Test is >5	50%
14							X 3-Prevalence Index is ≤	3.0 ¹
15.							4-Morphological Adapta	tions ¹ (Provide supporting
16							data in Remarks or on	a separate sheet)
17							Problematic Hydrophyt	ic Vegetation ¹ (Explain)
18							1	
19							Indicators of hydric soil and wet	and hydrology must
20							be present, unless disturbed or p	problematic.
				105%	= Total Cover			
Woody Vine Stratur	n (Plot size: 30' radiu	us)					Hydrophytic	
1							Vegetation	
2							Present? Yes_	<u>X</u> No
					= Total Cover			
	ali da ser de la composición de la comp							
Remarks: (Include	pnoto numbers here o	r on a separate sheet.)						

Profile Desc	ription: (Describe to t	he depth neede	d to document the ir	ndicator or c	onfirm the a	bsence o	f indicators.)	
Depth	Matrix		Red	dox Features	<u> </u>	2	-	
(inches)	Color (moist)	%	Color (moist)	%	Туре'	Loc²	Texture	Remarks
0-11"	10YR 3/1	100					Clay Loam	
11-18"	10YR 4/1	95	10YR 4/4	5	С	М	Clay Loam	
				·			<u> </u>	
				·	·			
<u> </u>					·		· ·	
¹ Type: C=C	oncentration, D=Depleti	on, RM=Reduce	ed Matrix, CS=Covere	d or Coated S	Sand Grains.	² Locati	ion: PL=Pore Lining	ı, M=Matrix.
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hyd	ric Soils:
Histoso	l (A1)		Sandy Gleye	ed Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic E	pipedon (A2)		Sandy Redo	x (S5)			Very Shallo	ow Dark Surface (F22)
Black ⊦	listic (A3)		Stripped Ma	trix (S6)			Other (Exp	lain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	e (S7)				
Stratifie	d Layers (A5)		Loamy Muck	xy Mineral (F1)			
2 cm M	uck (A10)		Loamy Gleye	ed Matrix (F2))			
X Deplete	ed Below Dark Surface (A11)	Depleted Ma	atrix (F3)			2	
Thick D	ark Surface (A12)		Redox Dark	Surface (F6)			³ The hydric soil in	ndicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S3)		Redox Depre	essions (F8)			in the United	S <i>tates</i> , Version 8.0, 2016.
Restrictive L	ayer (if observed):							
Type:								
Depth (i	nches):					Hydric	Soil Present?	Yes <u>X</u> No
HYDROL	DGY							
Wetland Hyd	Irology Indicators:						I	
Primary Indic	ators (minimum of one	is required: cheo	ck all that apply)				Secondary Indica	tors (minimum of two required)
Surface	e Water (A1)		Water-Staine	ed Leaves (B	9)		Surface So	il Cracks (B6)
High W	ater Table (A2)		Aquatic Fau	na (B13)			Drainage P	atterns (B10)
Saturat	ion (A3)		True Aquatio	Plants (B14))		Dry-Seaso	n Water Table (C2)
Water I	Marks (B1)		Hydrogen Su	ulfide Odor (C	:1) 	(00)	Crayfish Bu	Irrows (C8)
Sedime	ent Deposits (B2)			Izospheres or	n Living Root	s (C3)	Saturation	Visible on Aerial Imagery (C9)
			Presence of		1 (C4) Till 1 O il 10			
	at or Crust (B4)		Recent Iron		Tilled Solis (C	<i>.</i> (0)		c Position (D2)
	posits (B3)							ar rest (D3)
	ion visible on Aerial Ima	agery (B7)	Gauge of W	ell Dala (D9) in in Romarki	a)			
Sparse	ly vegetated Concave C	unace (Bo)			5)			
Field Observ	vations:							
Surface Wat	er Present?	Yes No X	C Depth (inches): <u>N/A</u>				
Water Table	Present?	Yes No /	C Depth (inches): <u>N/A</u>	M			
Saturation P	resent?	Yes NO	Depth (Inches): <u>N/A</u>	vvetland	Hydrolo	gy Present?	
Describe Re	corded Data (stream da	uae monitorina	well aerial photos pr	evious insper	tions) if ava	ilable [.]		
Describerte	oordod Data (orodin ga	ugo, monitoring	wen, denar priotos, pr		stono), n uvu			
Remarks:								

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp031
Investigator(s):	B Hess					Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	al relief (concave, convex, none): o	concave
Slope (%):	2%	Lat:	39.9421		Long:		-83.1884	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clav loa	m. 0 to 2 percent slopes (Ko)					NWI classifi	cation: None
Are climatic / hvdrol	ogic conditions on the	site typical for this time of yea	?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	Soil N	or Hydrology N	significantly dis	sturbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, coil <u>N</u>	or Hydrology	bighindunity die	amatic?	(If needed	evolain any answers in Remarks)	
	FINDINGS Atta	ich site map snowing	sampling point locatio	ons, transects, in	iportant featur	res, etc.		
Hydrophytic Veg	getation Present?		Yes	No <u>X</u>	_ Is the	Sampled Ar	ea	No. V
Hydric Soll Pres	sent?		Yes X	NO		h a wetland?	Yes	NO <u>X</u>
	by Flesent?			NU	_			
VEGETATION -	Use scientific r	names of plants.						
Tree Stratum (Dist	aiza, 20' radiua)			Absolute	Dominant	Indicator	Den la construction de la const	
<u>Tree Stratum</u> (Plot	size: 30 [°] radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1								
<u>∠.</u>							Number of Dominant Species	
3							That Are OBL, FACW, or FAC:	1 (A)
4								
5							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strate	um (Plot size: 15' radi	us)					Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	50% (A/B)
2								
3								
4							Prevalence Index worksheet:	
5.								
					= Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species	x1 =
1. Echinochloa cru	ıs-galli			40%	Yes	FACW	FACW species 40%	x2 = 0.80
2. Sida spinosa				40%	Yes	FACU	FAC species 5%	x3 = 0.15
3. Xanthium strum	arium			5%	No	FAC	FACU species 43%	x4 = 1.72
4. Ipomoea purpur	rea			2%	No	FACU	UPL species	x5 =
5. Abutilon theoph	rasti			1%	No	FACU	Column Totals: 88%	(A) <u>2.67</u> (B)
6								
7.							Prevalence Index = E	3/A = 3.03
8.								
9.								
10.							Hydrophytic Vegetation Indicat	ors:
11.								
12.							1-Rapid Test for Hydrop	hytic Vegetation
13.							2-Dominance Test is >5	0%
14.							3-Prevalence Index is ≤	3.0 ¹
15.							4-Morphological Adapta	tions ¹ (Provide supporting
16.							data in Remarks or on	a separate sheet)
17.							Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.							—	
19.						·	¹ Indicators of hydric soil and wetl	and hydrology must
20							be present unless disturbed or n	rohlematic
· · · · · · · · · · · · · · · · · · ·				88%	= Total Cover			
L				0070				
Woody Vine Stratun	n (Plot size: 30' radius	2)					Hydrophytic	
	$\frac{1}{10}$ (1 101 5126. SU TAULUS						Vogotation	
'							Procent? Ver	No. Y
					= rotal Cover			
Domentics (to be t	nhata sumh and l							
rtemarks: (Include)	prioto numbers here of	on a separate sneet.)						

Profile Desc	ription: (Describe to t	he depth neede	d to document the in	dicator or co	onfirm the a	bsence o	f indicators.)	
Depth	Matrix		Rec		T	. 2		- ·
(inches)	Color (moist)	%	Color (moist)	%	Гуре	Loc	Texture	Remarks
0-11"	10YR 3/1	100					Clay Loam	
11-18"	10YR 5/2	95	10YR 6/4	5	С	М	Clay Loam	
					·			
					·			
¹ Type: C=C	oncentration, D=Deplet	on, RM=Reduce	d Matrix, CS=Covere	d or Coated S	Sand Grains.	² Locati	ion: PL=Pore Lining	g, M=Matrix.
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hyd	ric Soils:
Histoso	l (A1)		Sandy Gleye	d Matrix (S4)			Iron-Manga	anese Masses (F12)
Histic E	pipedon (A2)		Sandy Redo	x (S5)			Very Shallo	ow Dark Surface (F22)
Black ⊦	listic (A3)		Stripped Mat	rix (S6)			Other (Expl	lain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	e (S7)				
Stratifie	ed Layers (A5)		Loamy Muck	y Mineral (F1)			
2 cm M	uck (A10)		Loamy Gleye	ed Matrix (F2)	1			
X Deplete	ed Below Dark Surface (A11)	Depleted Ma	trix (F3)			2	
Thick D	ark Surface (A12)		Redox Dark	Surface (F6)			³ The hydric soil ir	ndicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S3)		Redox Depre	essions (F8)			in the United S	States , Version 8.0, 2016.
Restrictive L	ayer (if observed):							
Туре:								
Depth (i	nches):					Hydric	Soil Present?	Yes X No
HYDROL	OGY							
Wetland Hyd	Irology Indicators:							
Primary India	ators (minimum of one	is required: chec	k all that apply)				Secondary Indica	ators (minimum of two required)
Surface	e Water (A1)		Water-Staine	ed Leaves (B	9)		Surface So	il Cracks (B6)
—— High W	ater Table (A2)		Aquatic Faur	na (B13)	,		Drainage P	Patterns (B10)
Saturat	ion (A3)		True Aquatio	Plants (B14)	1		Dry-Seasor	n Water Table (C2)
Water I	Marks (B1)		Hydrogen Su	Ilfide Odor (C	1)		Crayfish Bu	urrows (C8)
Sedime	ent Deposits (B2)		Oxidized Rhi	zospheres or	Living Root	s (C3)	Saturation	Visible on Aerial Imagery (C9)
Drift De	eposits (B3)		Presence of	Reduced Iror	n (C4)		X Stunted or	Stressed Plants (D1)
X Algal M	at or Crust (B4)		Recent Iron I	Reduction in ⁻	Tilled Soils (0	C6)	X Geomorphi	c Position (D2)
Iron De	posits (B5)		Thin Muck S	urface (C7)			FAC-Neutra	al Test (D5)
Inundat	ion Visible on Aerial Im	agery (B7)	Gauge or We	ell Data (D9)				
Sparse	ly Vegetated Concave S	Surface (B8)	Other (Expla	in in Remarks	3)			
Field Observ	vations:							
Surface Wat	er Present?	Yes No X	Depth (inches)): N/A				
Water Table	Present?	Yes No X	Depth (inches)): N/A				
Saturation P	resent?	Yes No X	Depth (inches)): N/A	Wetland	Hydrolo	gy Present?	Yes <u>X</u> No
(includes cap	oillary fringe)							
Describe Re	corded Data (stream ga	uge, monitoring	well, aerial photos, pr	evious inspec	ctions), if ava	ilable:		
Remarks:								

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp032
Investigator(s):	B Hess					Section, Townsh	iip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	cal relief (concave, convex, none):	concave
Slope (%):	2%	Lat:	39.9396		Long:		-83.1885	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay lo	am, 0 to 2 percent slopes (Ko)				NWI classif	ication: None
Are climatic / hydrol	ogic conditions on the	site typical for this time of ye	ar?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology	naturally probler	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Att	ach site map showing	sampling point location	ons, transects, imp	oortant featur	res, etc.		
Hydrophytic Ve	getation Present?)	Yes x	No	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes x	No	withir	n a Wetland?	Yes <u>x</u>	No
Wetland Hydrol	ogy Present?		Yes <u>x</u>	No				
Remarks:								
		.						
	Use scientific	names of plants.		Abaaluta	Dominant	Indiaatar	1	
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet	
1.	,							
2.					·		Number of Dominant Species	
3.							That Are OBL, FACW, or FAC:	1 (A)
4.								、/
5.					·		Total Number of Dominant	
					= Total Cover		Species Across All Strata:	2 (B)
L								
Sapling/Shrub Strat	um (Plot size: 15' rad	ius)					Percent of Dominant Species	
1.							That Are OBL, FACW, or FAC:	50% (A/B)
2.								
3.								
4.							Prevalence Index worksheet:	
5.								
					= Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)		_				OBL species	x1 =
1. Echinochloa cru	ıs-galli			35%	Yes	FACW	FACW species 45%	x2 = 0.90
2. Sida spinosa				25%	Yes	FACU	FAC species	x3 =
3. Panicum dichot	omiflorum			10%	No	FACW	FACU species 30%	x4 = 1.20
4. <i>Ipomoea purpu</i>	rea			5%	No	FACU	UPL species	x5 =
5					·		Column Totals: 75%	(A) <u>2.10</u> (B)
6								
7					·		Prevalence Index = I	B/A = 2.80
8								
9								
10							Hydrophytic Vegetation Indica	tors:
11							1 Danid Taat fan Lludnau	
12.								
13.							2-Dominance Test is >5	2 0 ¹
14								u.u tions ¹ (Provide supporting
16								a soparate chect
17							aata in Kemarks or on Problematic Hydrophyt	a separate sneet) ic Vegetation ¹ (Explain)
19								
10							¹ Indicators of hydric soil and wet	and hydrology must
20							he present unloss disturbed as	
				750/	= Total Cover		be present, unless disturbed or p	
L				10%				
Woody Vina Stration	n (Ploteize: 20'rodi:	le)					Hydrophytic	
	יי (רוטג אצפ: טע radil						Vegetation	
¹							Procent?	X No
					= Total Cover			
Remarks: (Include	photo numbers here o	or on a separate sheet)					1	
		. s. a soparato shoot.)						

Profile Des	cription: (Describe to th	e depth needed t	o document the in	dicator or co	onfirm the at	osence of	indicators.)	
Depth	Matrix		Red	ox Features				
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18"	10YR 3/1	95	10YR 3/6	5	С	М	Clay Loam	
		·						
¹ Type: C=0	Concentration. D=Depletio	n. RM=Reduced	Matrix. CS=Covered	d or Coated S	and Grains.	² Locatio	on: PL=Pore Lining	M=Matrix.
Hydric Soil	Indicators ³ :	,				Test	Indicators of Hydr	ic Soils:
Histos	ol (A1)		Sandy Gleyed	d Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic	Epipedon (A2)		Sandy Redox	(S5)			Very Shallo	w Dark Surface (F22)
Black	Histic (A3)		Stripped Matr	rix (S6)			Other (Expla	ain in Remarks)
Hydrog	gen Sulfide (A4)		Dark Surface	(S7)				
Stratifi	ed Layers (A5)		Loamy Mucky	y Mineral (F1))			
2 cm M	/luck (A10)		Loamy Gleye	d Matrix (F2)				
Deplet	ed Below Dark Surface (A		Depleted Mat	trix (F3)			3-1 1 1	
Thick	Dark Surface (A12)		X Redox Dark S	Surface (F6)	7)		The hydric soil in	dicators have been updated to
Sanuy	Aucky Peat or Peat (S1)		X Redox Depre	k Sullace (F7	()		in the United S	tates Version 8.0, 2016
0 0 m m				3310113 (1 0)				
Restrictive	Layer (if observed):							
Type. Denth	(inches):					Hydric	Soil Present?	Ves X No
Deptil						ingune	oon resent:	
HYDROL	OGY							
Wetland Hv	drology Indicators:							
Primary Ind	cators (minimum of one i	s required: check a	all that apply)				Secondary Indicat	tors (minimum of two required)
Surfac	e Water (A1)	•	Water-Staine	d Leaves (B9	9)		X Surface Soi	I Cracks (B6)
High V	Vater Table (A2)		Aquatic Faun	a (B13)			Drainage Pa	atterns (B10)
Satura	tion (A3)		True Aquatic	Plants (B14)			Dry-Season	Water Table (C2)
Water	Marks (B1)		Hydrogen Su	Ifide Odor (C	1)		Crayfish Bu	rrows (C8)
Sedim	ent Deposits (B2)		Oxidized Rhiz	zospheres on	Living Roots	s (C3)	Saturation \	/isible on Aerial Imagery (C9)
Drift D	eposits (B3)		Presence of F	Reduced Iron	(C4)		X Stunted or S	Stressed Plants (D1)
Algal M	Mat or Crust (B4)		Recent Iron F	Reduction in 1	Filled Soils (C	C6)	X Geomorphic	c Position (D2)
Iron D	eposits (B5)			urface (C7)			X FAC-Neutra	i Test (D5)
Inunda	ition Visible on Aerial Ima	gery (B7)	Gauge or We	ell Data (D9)				
Sparse	ery vegetated Concave S	unace (B8)	Other (Explai	n in Remarks	;) 			
Field Obser	vations:							
Surface Wa	ter Present?	/esNo_X_	Depth (inches)	: <u>N/A</u>				
Water Table	Present?	res <u>No X</u>	Depth (inches)	: <u>N/A</u>	M 4 4 5 5 5			
Saturation F	resent?	res <u>No X</u>	Depth (Inches)	: <u>N/A</u>	wetland	Hydrolog	ly Present?	Yes X NO
Describe R	ecorded Data (stream dat	iae. monitorina we	II. aerial photos, pre	evious inspec	tions), if avai	lable:		
2000	Jana (Jana Jana) gan	.go,e	, aona proces, pre		,,			
Remarks:								

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	lin	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp033
Investigator(s):	B Hess					Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Toeslope				Loc	al relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.938		Long:		-83.2155	Datum: NAD83 UTM16N
Soil Map Unit Name	e: Kokomo silty clay loa	am, 0 to 2 percent slopes (Ko)					NWI classif	ication: None
Are climatic / hydrol	ogic conditions on the	site typical for this time of yea	r?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	<u> </u>	, Soil <u>N</u>	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	<u> </u>	, Soil <u>N</u>	, or Hydrology N	naturally probler	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Att	ach site map showing	sampling point location	ns, transects, im	portant featur	res, etc.		
Hydrophytic Ve	getation Present?		Yes <u>x</u>	No	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes X	No	withir	h a Wetland?	Yes <u>x</u>	No
	ogy i lesent:			NO	-			
Remarks:								
VEGETATION	Use scientific	names of plants.						
				Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1								
2							Number of Dominant Species	
3							That Are OBL, FACW, or FAC:	1 (A)
4						·		
5							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strat	um (Plot size: 15' rad	ius)					Percent of Dominant Species	
1						·	That Are OBL, FACW, or FAC:	(A/B)
2								
3					·		Barrada a la dana anda ha sé	
4					·		Prevalence Index worksheet:	
5.							Tatal % Opvion of	
					= Total Cover		Total % Cover of:	
Herb Stratum (Plot	size: 5' radius)						OBL species	x1 =
1 Echinochloa cru	us-galli			85%	Yes	FACW	FACW species 86%	$x^2 = 172$
2. Sida spinosa	io gam			25%	No	FACU	FAC species 3%	$x_3 = 0.09$
3. Abutilon theoph	orasti			5%	No	FACU	FACU species 35%	x4 = 1.40
4. Setaria faberi				5%	No	FACU	UPL species 2%	x5 = 0.10
5. Setaria pumila				3%	No	FAC	Column Totals: 126%	(A) 3.31 (B)
6. Hibiscus trionur	n			2%	No	UPL		
7. Panicum dichot	omiflorum			1%	No	FACW	Prevalence Index = F	B/A = 2.63
8.								
9.								
10.							Hydrophytic Vegetation Indicat	tors:
11.								
12							X 1-Rapid Test for Hydrop	hytic Vegetation
13							X 2-Dominance Test is >5	50%
14							X 3-Prevalence Index is ≤	3.0 ¹
15							4-Morphological Adapta	tions ¹ (Provide supporting
16							data in Remarks or on	a separate sheet)
17							Problematic Hydrophyt	ic Vegetation ¹ (Explain)
18								
19							Indicators of hydric soil and wet	and hydrology must
20							be present, unless disturbed or p	problematic.
				126%	= Total Cover			
Woody Vine Stratur	<u>n</u> (Plot size: 30' radiu	us)					Hydrophytic	
1							Vegetation	
2							Present? Yes	X No
					= Total Cover			
Remarks: (Include	photo numbers here o	r on a separate sheet.)						

SOIL

Denth			D -					
Depth	Matrix		Re	dox Features	5 Turn a 1	. 2		
(incnes)	Color (moist)		Color (moist)	%	Туре	Loc	I exture	Remarks
0-11"	10YR 3/1	98	10YR 3/4	2	<u> </u>	PL	Clay Loam	
11-18"	10YR 4/2	95	10YR 4/6	5	C	M	Clay Loam	
					. <u> </u>			
·								
·					·			
¹ Type: C=C	oncentration D=Depleti	on RM=Red	uced Matrix CS=Covere	d or Coated	Sand Grains	² l ocat	tion [.] PI =Pore I ining	M=Matrix
Hydric Soil I	ndicators ³ :	,				Tes	at Indicators of Hydr	ic Soils:
Histoso	l (A1)		Sandy Gleve	ed Matrix (S4	-)		Iron-Mangai	nese Masses (F12)
Histic E	pipedon (A2)		Sandy Redo	x (S5)	,		Very Shallo	w Dark Surface (F22)
Black H	listic (A3)		Stripped Ma	trix (S6)			Other (Expla	ain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surfac	e (S7)				
Stratifie	d Layers (A5)		Loamy Muc	ky Mineral (F	1)			
2 cm M	uck (A10)		Loamy Gley	ed Matrix (F2	2)			
X Deplete	d Below Dark Surface (A11)	Depleted Ma	atrix (F3)				
Thick D	ark Surface (A12)		X Redox Dark	Surface (F6))		³ The hydric soil in	dicators have been updated to
Sandy M	Mucky Mineral (S1)		Depleted Da	ark Surface (F	F7)		comply with the	e Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S3)		Redox Depr	essions (F8)			in the United S	<i>tates</i> , Version 8.0, 2016.
Restrictive L	aver (if observed):							
Type:								
Depth (ir	nches):					Hydric	Soil Present?	Yes X No
Remarks:								
Remarks: HYDROL(Wetland Hyd	DGY rology Indicators:							
Remarks: HYDROL(Wetland Hyd Primary Indic	DGY rology Indicators: ators (minimum of one	is required: c	heck all that apply)				Secondary Indicat	ors (minimum of two required)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface	DGY rology Indicators: ators (minimum of one Water (A1)	is required: c	heck all that apply) Water-Stain	ed Leaves (E	39)		Secondary Indicat	tors (minimum of two required) I Cracks (B6)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High Wa	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: c	heck all that apply) Water-Stain Aquatic Fau	ed Leaves (E na (B13)	39)		Secondary Indicat Surface Soi Drainage Pa	tors (minimum of two required) I Cracks (B6) atterns (B10)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High Wi Saturati	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquati	ed Leaves (E na (B13) c Plants (B14	39)		Secondary Indicat Surface Soi Drainage Pa Dry-Season	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High Wa Saturati Water M	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) <i>J</i> arks (B1)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S	ed Leaves (E na (B13) c Plants (B14 ulfide Odor ((39) 1) C1)		Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedime	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ed Leaves (E na (B13) c Plants (B14 ulfide Odor ((izospheres o	39) I) C1) on Living Roo		Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedime Drift De	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of	ed Leaves (E na (B13) c Plants (B14 ulfide Odor ((izospheres o Reduced Iro	39) I) C1) on Living Roo n (C4)	ts (C3)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V X Stunted or S	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High W: Saturati Water M Sedime Drift De Algal M	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron	ed Leaves (E na (B13) c Plants (B14 ulfide Odor ((izospheres o Reduced Iro Reduction in	39) L) C1) on Living Roo on (C4) I Tilled Soils (ts (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V X Stunted or S X Geomorphic	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedime Drift De Algal M. Iron Dej	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (E na (B13) c Plants (B14 ulfide Odor ((izospheres o Reduced Iro Reduced Iro Reduction in Surface (C7)	39) 1) C1) on Living Roo n (C4) 1 Tilled Soils (ts (C3) C6)	Secondary Indicat Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V X Stunted or S X Geomorphic X FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) : Position (D2) I Test (D5)
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Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	lin	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy				State	: <u>OH</u>	Sampling Point:	dp034
Investigator(s):	B Hess					Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Summit				Loc	al relief (concave, convex, none): r	none
Slope (%):	0%	Lat:	39.9393		Long:		-83.2141	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam, () to 2 percent slopes (Ko)					NWI classifi	cation: None
Are climatic / hydrol	ogic conditions on the site	typical for this time of year	?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N , \$	Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N, 5	Soil N	, or Hydrology N	naturally proble	matic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attach	site map showing	sampling point location	ns, transects, im	portant featur	es, etc.		
Hvdrophvtic Ve	petation Present?	·	Yes	No x	Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes x	No	withir	n a Wetland?	Yes	No <u>x</u>
Wetland Hydrol	ogy Present?		Yes	No x	-			
Remarks:								
VEGETATION	Use scientific nan	nes of plants.		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1.	,							
2.							Number of Dominant Species	
3.							That Are OBL, FACW, or FAC	1 (A)
4.							, , ,	\ 7
5.							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	2 (B)
								、/
Sapling/Shrub Strate	um (Plot size: 15' radius)						Percent of Dominant Species	
1.							That Are OBL, FACW, or FAC:	50% (A/B)
2.								
3.								
4.							Prevalence Index worksheet:	
5.								
					= Total Cover		Total % Cover of:	Multiply by:
					-		That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species	x1 =
1. Echinochloa cru	ıs-galli			40%	Yes	FACW	FACW species 45%	x2 = 0.90
2. Hibiscus trionur	n			45%	Yes	UPL	FAC species 20%	x3 = 0.60
3. <u>Setaria pumila</u>				20%	No	FAC	FACU species	x4 =
4. Panicum dichot	omiflorum			5%	No	FACW	UPL species 45%	x5 = 2.25
5					<u> </u>		Column Totals: 110%	(A) <u>3.75</u> (B)
6								
7							Prevalence Index = E	B/A = 3.41
8					.			
9					.			
10							Hydrophytic Vegetation Indicat	tors:
11								
12							1-Rapid Test for Hydrop	hytic Vegetation
13							2-Dominance Test is >5	50% 1
14					- <u> </u>		3-Prevalence Index is ≤	3.0
15							4-Morphological Adapta	tions' (Provide supporting
16							data in Remarks or on	a separate sheet)
17					<u> </u>		Problematic Hydrophyti	c vegetation (Explain)
18								and broker to the
19					<u> </u>		indicators of hydric soil and wetl	and hydrology must
20					. <u> </u>		be present, unless disturbed or p	problematic.
				110%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)						Hydrophytic	
1							Vegetation	
2							Present? Yes -	No X
					= Total Cover			
Remarks: (Include	photo numbers here or on	a separate sheet.)						

L'ionie Desc	ription: (Describe to the	e depth needed to	uocument the mulca	ator or co	nfirm the ai	sence o	f Indicators.)	
Depth	Matrix		Redox I	Features			_	
(inches)	Color (moist)	% Co	olor (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18"	10YR 3/1	90	10YR 4/4	10	С	М	Clay Loam	
¹ Type: C=C	Concentration, D=Depletion	n, RM=Reduced M	atrix, CS=Covered or	Coated Sa	and Grains.	² Locati	on: PL=Pore Lining, I	M=Matrix.
Hydric Soil I	Indicators':					Test	t Indicators of Hydric	Soils:
Histoso	ol (A1)	-	Sandy Gleyed M	atrix (S4)			Iron-Mangane	ese Masses (F12)
Histic E	-pipedon (A2)	_	Sandy Redox (S	5)			Very Shallow	Dark Surface (F22)
	Histic (A3)	_	Stripped Matrix (S6)			Other (Explai	n in Remarks)
Hydroge	en Sulfide (A4)	<u> </u>		() in anal (E4)				
	ed Layers (A5)	-		Ineral (F1)				
	IUCK (AIU) ad Balaw Dark Surface (Ar		Loamy Gleyed M	atrix (FZ)				
				(F3) 5000 (F6)			³ The hydric ceil indi	instana have been undeted to
	Mucky Minoral (S1)	-	A Redux Dark Sun	ace (FO))		comply with the	Field Indicators of Hydric Soils
Sanuy I	lucky Peat or Peat (S3)	_	Depieted Dark 3	unace (F7)		in the United St	rieu indicators of Hydric Solis
0 cm w				5113 (1 0)				
Restrictive L	_ayer (if observed):							
Type:	inchoo):					Uvdrio	Sail Brogant?	
Deptil (i	Inches).					пушіс	Son Fresent?	
Remarks:								
HYDROL	OGY							
Wetland Hyd	drology Indicators:						_	
Primary Indic	cators (minimum of one is	required: check al	l that apply)				Secondary Indicato	rs (minimum of two required)
Surface	e Water (A1)	_	Water-Stained L	eaves (B9)		X Surface Soil (
High W	/ater Table (A2)				/		X Surface Soli v	Cracks (B6)
Saturat	tion (A3)		Aquatic Fauna (E	313)	/		Drainage Pat	Cracks (B6) terns (B10)
Water N	Marks (B1)		Aquatic Fauna (E True Aquatic Pla	313) ints (B14)	,		Drainage Pat	Cracks (B6) terns (B10) Vater Table (C2)
Sedime		-	Aquatic Fauna (l True Aquatic Pla Hydrogen Sulfide	313) ints (B14) e Odor (C1)		Drainage Pat Dry-Season V Crayfish Burn	Cracks (B6) terns (B10) Vater Table (C2) ows (C8)
_	ent Deposits (B2)	-	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizosj	313) ints (B14) e Odor (C1 pheres on) Living Roots	s (C3)	Drainage Pat Dry-Season V Crayfish Burr Saturation Vis	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9)
Drift De	ent Deposits (B2) eposits (B3)	-	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red	313) ints (B14) e Odor (C1 pheres on luced Iron) Living Roots (C4)	s (C3)	Drainage Pat Dry-Season V Crayfish Burn Saturation Vis Stunted or St	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1)
Drift De Algal M	ent Deposits (B2) eposits (B3) 1at or Crust (B4)	-	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red	313) ints (B14) e Odor (C1 pheres on luced Iron uction in T) Living Roots (C4) illed Soils (0	s (C3) C6)	Drainage Pat Dry-Season V Crayfish Burr Saturation Vis Stunted or St Geomorphic I	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2)
Drift De Algal M Iron De	ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5)		Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizosj Presence of Red Recent Iron Red Thin Muck Surfa	313) e Odor (C1 pheres on luced Iron uction in T ce (C7)) Living Roots (C4) illed Soils ((s (C3) C6)	Crayfish Burr Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5)
Drift De Algal M Iron De Inundat	ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) tion Visible on Aerial Imag	– – – – – –	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D	313) ints (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) Pata (D9)) Living Roots (C4) illed Soils (C	s (C3) C6)	A Sunace Solid Drainage Pat Dry-Season V Crayfish Burn Saturation Vie Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5)
Drift De Algal M Iron De Inundat	ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) tion Visible on Aerial Imag	– – – – – – – – – – – – – – – – – – –	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in	313) ents (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) pata (D9) n Remarks)) Living Roots (C4) illed Soils (C	s (C3) C6)	A Sunace Solid Drainage Pat Dry-Season V Crayfish Burn Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5)
Drift De Algal M Iron De Inundat Sparsel	ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ly Vegetated Concave Sur	ery (B7)	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in	313) e Odor (C1 pheres on luced Iron uction in T ce (C7) lata (D9) Remarks) Living Roots (C4) illed Soils ((s (C3) C6)	A Surface Solid Drainage Pat Dry-Season V Crayfish Burr Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Water Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5)
Drift De Algal M Iron De Inundat Sparsel Surface Wot	ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ly Vegetated Concave Sur vations:	ery (B7)	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in	313) e Odor (C1 pheres on luced Iron uction in T ce (C7) ata (D9) n Remarks)) Living Roots (C4) iilled Soils (C	s (C3) C6)	A Sunace Solit Drainage Pat Dry-Season V Crayfish Burr Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5)
Drift De Algal M Iron De Inundat Sparse Field Observ Surface Wat	ent Deposits (B2) eposits (B3) flat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ly Vegetated Concave Sur vations: ter Present? Ye		Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches):	313) ants (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) bata (D9) h Remarks) N/A) Living Roots (C4) illed Soils (C	s (C3) C6)	A Sunace Solid Drainage Pat Dry-Season V Crayfish Burn Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5)
Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Water Table Saturation P	ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ly Vegetated Concave Sur vations: ter Present? Ye Present? Ye	ery (B7) fface (B8) esNoX esNoX	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches): Depth (inches):	313) ents (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) eata (D9) n Remarks) N/A N/A) Living Roots (C4) illed Soils (C)	s (C3) C6)	A Sunace Solid Drainage Pat Dry-Season V Crayfish Burn Saturation Via Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5)
Drift De Algal M Iron De Inundat Sparsel State Water Table Saturation P (includes car	ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ly Vegetated Concave Sur vations: ter Present? Ye Present? Ye pillary frince)	ery (B7) fface (B8) es <u>No X</u> es <u>No X</u> es <u>No X</u>	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches): Depth (inches):	313) e Odor (C1 pheres on luced Iron uction in T ce (C7) pata (D9) n Remarks) <u>N/A</u> <u>N/A</u>) Living Roots (C4) illed Soils (C) Wetland	s (C3) C6) Hydrolog	Drainage Pat Dry-Season V Crayfish Burr Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Water Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5) Yes NoX
Drift De Algal M Iron De Inundat Sparse Field Observ Surface Wate Vater Table Saturation P (includes cap Describe Re	ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ly Vegetated Concave Sur vations: ter Present? Ye Present? Ye pillary fringe) ecorded Data (stream gauge	ery (B7) fface (B8) esNoX esNoX esNoX esNoX	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches): Depth (inches):	313) e Odor (C1 pheres on luced Iron uction in T ce (C7) hata (D9) h Remarks) <u>N/A</u> <u>N/A</u> N/A) Living Roots (C4) iilled Soils (C) Wetland	s (C3) C6) Hydrolog	A Surface Solit Drainage Pat Dry-Season V Crayfish Burr Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5) Yes NoX
Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Table Saturation Pi (includes cap Describe Re	ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ly Vegetated Concave Sur vations: ter Present? Ye Present? Ye pillary fringe) ecorded Data (stream gauge	ery (B7) fface (B8) esNoX esNoX esNoX ge, monitoring well	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches): Depth (inches): Depth (inches):	313) ants (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) pata (D9) n Remarks) <u>N/A</u> <u>N/A</u> <u>N/A</u> us inspect) Living Roots (C4) illed Soils (C) Wetland ions), if ava	s (C3) C6) Hydrolo g	Drainage Pat Dry-Season V Crayfish Burr Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5) Yes NoX
Difft De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Vater Table Saturation Pr (includes cap Describe Re	ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ely Vegetated Concave Sur vations: ter Present? Ye Present? Ye pillary fringe) ecorded Data (stream gauge	ery (B7) fface (B8) es <u>No X</u> es <u>No X</u> es <u>No X</u> es <u>No X</u>	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches): Depth (inches): Depth (inches):	313) ants (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) n Remarks) N/A N/A N/A N/A) Living Roots (C4) illed Soils (C) Wetland ions), if ava	s (C3) C6) Hydrolo	Drainage Pat Dry-Season V Crayfish Burr Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5) Yes NoX
Drift De Algal M Iron De Inundat Sparsel Sturface Wate Water Table Saturation P (includes cap Describe Re Remarks:	ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ely Vegetated Concave Sur vations: ter Present? Ye Present? Ye pillary fringe) ecorded Data (stream gauge	ery (B7) fface (B8) esNoX esNoX esNoX ge, monitoring well	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches): Depth (inches): Depth (inches):	313) ants (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) hata (D9) n Remarks) <u>N/A</u> <u>N/A</u> nus inspect) Living Roots (C4) illed Soils (C) Wetland ions), if ava	s (C3) C6) Hydrolog	Drainage Pat Dry-Season V Crayfish Burr Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Water Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5) Yes NoX
Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Table Saturation Pi (includes cap Describe Re Remarks:	ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ly Vegetated Concave Sur vations: ter Present? Ye Present? Ye pillary fringe) ecorded Data (stream gaug	ery (B7) fface (B8) esNoX esNoX esNoX ge, monitoring well	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfida Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches): Depth (inches): Depth (inches):	313) ants (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) hata (D9) n Remarks) <u>N/A</u> <u>N/A</u> us inspect) Living Roots (C4) iilled Soils (C) Wetland ions), if ava	s (C3) C6) Hydrolog	y Present?	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5) Yes NoX
Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Table Saturation Pr (includes cap Describe Re Remarks:	ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ly Vegetated Concave Sur vations: ter Present? Ye Present? Ye present? Ye pillary fringe) ecorded Data (stream gaug	ery (B7) fface (B8) esNoX esNoX esNoX ge, monitoring well	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfida Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches): Depth (inches): Depth (inches):	313) ants (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) pata (D9) n Remarks) <u>N/A</u> <u>N/A</u> <u>N/A</u> us inspect) Living Roots (C4) illed Soils (C) Wetland ions), if ava	s (C3) C6) Hydrolog	y Present?	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5) Yes NoX
Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Vater Table Saturation Pr (includes car Describe Re Remarks:	ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Imag dy Vegetated Concave Sur vations: ter Present? Ye Present? Ye pillary fringe) ecorded Data (stream gaug	ery (B7) fface (B8) es <u>No X</u> es <u>No X</u> ge, monitoring well	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfida Oxidized Rhizos, Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches): Depth (inches): Depth (inches):	313) ants (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) ata (D9) n Remarks) <u>N/A</u> <u>N/A</u> <u>N/A</u> uus inspect) Living Roots (C4) iilled Soils (C) Wetland ions), if ava	s (C3) C6) Hydrolog	Drainage Pat Dry-Season V Crayfish Burr Saturation Vis Stunted or St Geomorphic I FAC-Neutral	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5) Yes NoX
Drift De Algal M Iron De Inundat Sparsel Saturation Pi (includes cap Describe Re Remarks:	ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) tion Visible on Aerial Imag ly Vegetated Concave Sur vations: ter Present? Ye Present? Ye pillary fringe) ecorded Data (stream gauge	ery (B7) fface (B8) esNoX esNoX esNoX ge, monitoring well	Aquatic Fauna (I True Aquatic Pla Hydrogen Sulfide Oxidized Rhizos Presence of Red Recent Iron Red Thin Muck Surfa Gauge or Well D Other (Explain in Depth (inches): Depth (inches): Depth (inches):	313) ants (B14) e Odor (C1 pheres on luced Iron uction in T ce (C7) nata (D9) n Remarks) <u>N/A</u> <u>N/A</u> <u>N/A</u> uus inspect) Living Roots (C4) illed Soils (C) Wetland ions), if ava	s (C3) C6) Hydrolog	y Present?	Cracks (B6) terns (B10) Vater Table (C2) ows (C8) sible on Aerial Imagery (C9) ressed Plants (D1) Position (D2) Test (D5) Yes NoX

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	lin	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp035
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	
Landform (hillslope	e, terrace, etc.):	Summit					Loc	al relief (concave, convex, none	e): none
Slope (%):	0%	Lat:	39.9391			Long:		-83.209	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam	, 0 to 2 percent slopes (Ko)					NWI clas	ssification: None
Are climatic / hydro	ologic conditions on the sit	e typical for this time of ye	ear?			Yes	X No	(If no, explain in Remarks	5.)
Are Vegetation	<u> </u>	, Soil <u>N</u>	, or Hydrology	N si	gnificantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	<u> </u>	, Soil N	, or Hydrology	N na	aturally probler	natic?	(If needed,	explain any answers in Remark	s.)
SUMMARY OF	F FINDINGS Attac	h site map showing	g sampling point lo	ocations, tra	nsects, im	portant featur	res, etc.		
Hydrophytic Ve	egetation Present?		Yes	No	Х	Is the	Sampled Ar	ea	
Hydric Soil Pre	esent?		Yes <u>x</u>	No		within	n a Wetland?	Yes	<u>No x</u>
Wetland Hydro	ology Present?		Yes	No	Х	-			
Remarks:									
VEGETATION	Use scientific na	mes of plants.							
					Absolute	Dominant	Indicator		
Tree Stratum (Plo	t size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	:
1									
2						<u></u>		Number of Dominant Species	
3						·		That Are OBL, FACW, or FAC	C: 0 (A)
4						·			
5						·		Total Number of Dominant	
						= Total Cover		Species Across All Strata:	(B)
Carling/Charle Char		\ \							
Sapling/Shrub Stra	atum (Plot size: 15 radius)						Percent of Dominant Species	
1						<u> </u>		That Are OBL, FACW, or FAC	
2						<u> </u>			
3						·		Provalance Index workshoot	
4						·		Frevalence index worksheet	•
5.						= Total Cover		Total % Cover of	Multiply by:
								That Are OBL, FACW, or FAC	: A/B
Herb Stratum (Plo	t size: 5' radius)							OBL species	x1 =
1. Glycine max			_		80%	Yes	UPL	FACW species 1%	x2 = 0.02
2. Echinochloa ci	rus-galli				1%	No	FACW	FAC species	x3 =
3.								FACU species	x4 =
4.								UPL species 80%	% x5 = 4.00
5								Column Totals: 819	<u>6 (A) 4.02 (B)</u>
6									
7						·		Prevalence Index	= B/A =4.96
8						<u></u>			
9						·			
10								Hydrophytic Vegetation Indi	cators:
11									
12								1-Rapid Test for Hyd	Irophytic Vegetation
13								2-Dominance Test is	s >50%
14								3-Prevalence Index i	s ≤3.0°
15								4-Morphological Ada	ptations (Provide supporting
16						·		data in Remarks or	on a separate sheet)
17						·			nyuo veyetation (Expiain)
18.									

18 19 20	81% = Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.	= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)		

Profile Desc	ription: (Describe to t	he depth neede	d to document the ir	dicator or c	onfirm the al	bsence of	f indicators.)	
Depth	Matrix		Rec	lox Features	- 1	. 2		
(inches)	Color (moist)	%	Color (moist)	%	Туре'	Loc ²	Texture	Remarks
0-8"	10YR 3/1	100					Clay Loam	
8-18"	10YR 4/1	90	10YR 6/4	10	С	m	Clay Loam	
·					<u> </u>			
	operation D-Daplet	ion PM-Poduce	d Matrix CS-Covora	d or Costod S	Sand Grains	² l ocati	on: DI - Doro Lining	M-Matrix
Hydric Soil J	ndicators ³					Tost	t Indicators of Hydr	
Histoso			Sandy Gleve	d Matrix (S4)		103	Iron-Mandar	nese Masses (F12)
Histic F	ninedon (A2)		Sandy Redo	x (S5)			Very Shallov	w Dark Surface (F22)
Black H	listic (A3)		Stripped Mat	rix (S6)			Other (Expl	ain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	(S7)				
Stratifie	od Lavers (A5)		Loamy Muck	v Mineral (F1)			
0.1auiile 2 cm M				d Matrix (F2))			
	ad Relow Dark Surface	(A11)	X Depleted Ma	trix (F3)	/			
Thick D	ark Surface (A12)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Depieteu Ma	Surface (EG)			³ The hydric soil in	dicators have been undated to
Sandy J	Mucky Mineral (91)		Deploted Do	rk Surface (F0)	7)		comply with the	a Field Indicators of Hydric Soils
Sandy I	ucky Peat or Peat (S3)		Depleted Da	rk Surlace (F	1)		in the United S	States Version 8.0, 2016
				3310113 (1 0)				
Restrictive L	ayer (if observed):							
Type.	nchoc):					Hydric	Soil Prosont?	
Deptil (i						nyunc	Son Present:	
HYDROL	DGY							
Wotland Llud								
	nology mulcators.	is required; cho	all that apply)				Secondary Indicat	tors (minimum of two required)
Surface	Mater (A1)	is required. cried	Water-Stain	d Leaves (B	0)		Surface Soil	L Cracks (B6)
					9)			
High VV	ater Table (A2)			1a (B13)	N N		Drainage Pa	Atterns (B10)
	ion (A3) Aarka (D4)			Plants (B14))		Dry-Season	water Table (C2)
Valer r	viaiks (DT)				, I) a Living Root	o (C2)		(inible on Aprial Imagony (CO)
Sedime	$\frac{1}{2} \frac{1}{2} \frac{1}$			Zospheres of Poducod Iror		s (C3)	Saturation v	Strossod Plants (D1)
	et en Cruet (D4)				Tilled Ceile ((201		
	at or Crust (B4)		Recent Iron		Tilled Solis (C	-0)		- Position (D2)
							FAC-Neutra	li Test (D5)
	ion Visible on Aerial Im	agery (B7)	Gauge or We	ell Data (D9)	-)			
Sparse	ly vegetated Concave a	Surface (B8)	Other (Expla	In In Remark	s)			
Field Observ	vations:							
Surface Wat	er Present?	Yes No 2	C Depth (inches): N/A				
Water Table	Present?	Yes No 2	C Depth (inches): <u>N/A</u>				
Saturation P	resent?	Yes No 2	C Depth (inches): <u>N/A</u>	Wetland	Hydrolog	gy Present?	Yes NoX
(includes cap	pillary fringe)							
Describe Re	corded Data (stream ga	auge, monitoring	well, aerial photos, pr	evious inspec	ctions), if ava	ilable:		
Remarks:								

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	din	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Point:	dp036
Investigator(s):	B Hess						Section, Townsh	nip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Toeslope					Loc	cal relief (concave, convex, none):	concave
Slope (%):	0%	Lat:	39.9386			Long:		-83.2066	Datum: NAD83 UTM16N
Soil Map Unit Name	: Carlisle muck (Cc)							NWI classif	ication: <u>PEM1F</u>
Are climatic / hydrol	ogic conditions on the	site typical for this time of yea	r?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology	N significa	antly dist	urbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	Ν	, Soil N	, or Hydrology	N naturall	y probler	matic?	(If needed	, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map showing	sampling point locat	ions, transec	ts, im	portant featur	res, etc.		
Hydrophytic Veg	getation Present?		Yes x	No		Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes x	No		withir	n a Wetland?	Yes <u>x</u>	No
Wetland Hydrol	ogy Present?		Yes <u>x</u>	No		-			
Remarks:									
	lles scientifis :	and af alarta							
	Use scientific i	names of plants.		Ab	solute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			AD %	Cover	Species?	Status	Dominance Test worksheet:	
1. Gleditsia triacar	, ithos			2	20%	Yes	FACU		
2. Populus deltoid	es				20%	Yes	FAC	Number of Dominant Species	
3.						·		That Are OBL, FACW, or FAC:	3 (A)
4.						·		, , , ,	、/
5.						·		Total Number of Dominant	
					10%	= Total Cover		Species Across All Strata:	4 (B)
									、
Sapling/Shrub Strat	um (Plot size: 15' radi	us)						Percent of Dominant Species	
1.								That Are OBL, FACW, or FAC:	75% (A/B)
2.									
3.									
4.								Prevalence Index worksheet:	
5.									
						= Total Cover		Total % Cover of:	Multiply by:
						•		That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)							OBL species 70%	x1 = 0.70
1. Persicaria ampl	hibia			7	70%	Yes	OBL	FACW species 50%	x2 = 1.00
2. Echinochloa cru	ıs-galli			3	30%	Yes	FACW	FAC species 40%	x3 = 1.20
3. Phalaris arundir	nacea			2	20%	No	FACW	FACU species 20%	x4 = 0.80
4. Xanthium strum	arium			2	20%	No	FAC	UPL species	x5 =
5								Column Totals: 180%	(A) <u>3.70</u> (B)
6									
7								Prevalence Index = I	B/A =2.06
8						·			
9						·			
10						·		Hydrophytic Vegetation Indica	tors:
11									
12								1-Rapid Test for Hydrop	bhytic Vegetation
13								X 2-Dominance Test is >	50%
14								X 3-Prevalence Index is ≤	i3.U
15						·		4-Morphological Adapta	auons (Provide supporting
16						·		data in Remarks or on	a separate sheet)
17						·		Proplematic Hydrophyt	ic vegetation (Explain)
18						·		1 Indicators of hudda and and and	land hydrology must
19									
20					4001			be present, unless disturbed or p	problematic.
L				1	40%	= I otal Cover			
Woody View Other		0)						Lhudron budie	
vvoody Vine Stratun	<u>n</u> (⊢lot size: 30' radiu	s)						Hyarophytic	
1									Y No
2						- Tatal C		Present? Yes	<u>× NO</u>
						= 1 otal Cover			
Pomerice (Indeed	nhoto numbers to as	ron a concrete -tt \							
Remarks: (Include	photo numbers here of	i on a separate sneet.)							

Profile Desc	cription: (Describe to	the depth needed	to document the in	dicator or co	onfirm the a	bsence o	f indicators.)	
Deptn			Red	ox Features	T urn a 1	. 2	/	
(inches)	Color (moist)	%	Color (moist)	%	Туре	Loc-	l exture	Remarks
0-20"	10YR 2/1	98	10YR 3/4	2	C	PL	Loam	
							<u> </u>	
¹ Type: C=C	Concentration, D=Deple	etion, RM=Reduced	I Matrix, CS=Covered	d or Coated S	and Grains.	² Locati	on: PL=Pore Lining	, M=Matrix.
Hydric Soil	Indicators ³ :					Tes	t Indicators of Hydr	ric Soils:
Histos	ol (A1)		Sandy Gleyed	d Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic I	Epipedon (A2)		Sandy Redox	(S5)			Very Shallo	w Dark Surface (F22)
Black I	Histic (A3)		Stripped Matr	rix (S6)			Other (Expl	ain in Remarks)
Hydroc	en Sulfide (A4)		Dark Surface	(S7)				·
Stratifi	ed Lavers (A5)		Loamy Mucky	Mineral (F1)			
2 cm M	1uck (A10)		Loamy Gleve	d Matrix (F2)	,			
	ed Below Dark Surface	(A11)	Depleted Mat	rix (E3)				
Thick I	ark Surface (A12)		X Reday Dark G	Surface (EG)			³ The hydric coil in	dicators have been undeted to
Sondy	Mucky Minoral (81)				7)		comply with th	e Field Indicators of Hudria Saila
Sanuy	widcky wineral (ST)	\			()			
5 CH N	lucky Pear of Pear (55)		SSIONS (FO)			in the Onited S	states, version 8.0, 2016.
Restrictive	_ayer (if observed):							
Type:								
Depth (inches):					Hydric	Soil Present?	Yes X No
HYDROL	OGY							
Wetland Hy	drology Indicators:							
Primary Indi	cators (minimum of on	e is required: check	all that apply)				Secondary Indica	tors (minimum of two required)
Surfac	e Water (A1)		Water-Staine	d Leaves (B	9)		Surface Soi	l Cracks (B6)
High W	/ater Table (A2)		Aquatic Faun	a (B13)			Drainage Pa	atterns (B10)
Satura	tion (A3)		True Aquatic	Plants (B14)			Dry-Season	Water Table (C2)
X Water	Marks (B1)		Hydrogen Su	lfide Odor (C	1)		Cravfish Bu	rrows (C8)
Sedim	ent Deposits (B2)		Oxidized Rhiz	zospheres or	, Living Root	s (C3)	Saturation \	/isible on Aerial Imagery (C9)
Drift D	eposits (B3)		Presence of F	Reduced Iror	n (C4)	()	Stunted or S	Stressed Plants (D1)
	lat or Crust (B4)		Recent Iron F	Reduction in .	Tilled Soils ((2 6)	X Geomorphi	c Position (D2)
	eposits (B5)		Thin Muck Su	Inface (C7)			X FAC-Neutra	al Test (D5)
	tion Visible on Asticlu	nagon/ (P7)						
			Gauge of We	n in Data (D9)	-)			
Sparse	ly vegetated Concave	Surface (B8)	Other (Explai	n in Remarks	5)			
Field Obser	vations:							
Surface Wa	ter Present?	Yes No X	Depth (inches)	: N/A				
Water Table	Present?	Yes No X	Depth (inches)	: <u>N/A</u>				
Saturation F	resent?	Yes No X	Depth (inches)	: N/A	Wetland	Hydrolo	gy Present?	Yes <u>X</u> No
(includes ca	pillary fringe)							
Describe Re	ecorded Data (stream g	auge, monitoring w	ell, aerial photos, pre	evious inspec	ctions), if ava	ilable:		
Domorte								
rtemarks:								

Project/Site:	Pleasant Prairie					City/County:	Galloway/Frank	lin	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy					State:	ОН	Sampling Point:	dp037
Investigator(s):	B Hess						Section, Townsh	ip, Range: N/A	
Landform (hillslope	e, terrace, etc.):	Summit					Loc	al relief (concave, convex, none):	none
Slope (%):	0%	Lat:	39.936			Long:		-83.2086	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam,	0 to 2 percent slopes (Ko)					NWI class	ification: none
Are climatic / hydro	ologic conditions on the site	e typical for this time of ye	ear?			Yes	X No	(If no, explain in Remarks.))
Are Vegetation	<u> </u>	Soil N	, or Hydrology	N sign	ificantly distu	rbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	<u> </u>	Soil N	, or Hydrology	N natu	rally problem	atic?	(If needed,	explain any answers in Remarks.)
SUMMARY OF	FINDINGS Attacl	n site map showing	g sampling point lo	cations, trans	ects, imp	ortant featur	es, etc.		
Hydrophytic Ve	egetation Present?		Yes	No	Х	Is the	Sampled Are	ea	
Hydric Soil Pre	sent?		Yes x	No		within	a Wetland?	Yes	<u>No x</u>
Wetland Hydro	logy Present?		Yes	No	Х				
Remarks:									
	Use scientific na	mes of plants.							
		•			Absolute	Dominant	Indicator		
Tree Stratum (Plot	t size: 30' radius)			_	% Cover	Species?	Status	Dominance Test worksheet:	
1									
2								Number of Dominant Species	
3								That Are OBL, FACW, or FAC:	0 (A)
4									
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1(B)
Copling/Chruh Stro	tum (Dist size, 15' radius)							Demonstrat Demoistant Creation	
Sapling/Shrub Stra	itum (Plot size: 15 radius)							Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	0%(A/B)
2									
3								Brovelence Index worksheet	
4								Frevalence index worksheet.	
5.						- Total Cover	·	Total % Cover of	Multiply by:
								That Are OBL. FACW, or FAC:	A/B
Herb Stratum (Plo	t size: 5' radius)							OBL species	x1 =
1. Glycine max	·		_		80%	Yes	UPL	FACW species	x2 =
2.								FAC species	x3 =
3.								FACU species	x4 =
4.								UPL species 80%	x5 = 4.00
5.								Column Totals: 80%	(A) 4.00 (B)
6.									
7.								Prevalence Index =	B/A = 5.00
8.									
9.									
10.								Hydrophytic Vegetation Indica	ators:
11									
12.								1-Rapid Test for Hydro	pphytic Vegetation
13.								2-Dominance Test is >	•50%
14								3-Prevalence Index is	≤3.0 ¹
15.								4-Morphological Adapt	ations ¹ (Provide supporting
16.								data in Remarks or or	n a separate sheet)
17								Problematic Hydrophy	rtic Vegetation ¹ (Explain)
18.									

18	80%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			

Profile Desc	ription: (Describe to th	e depth neede	d to document the ir	ndicator or co	onfirm the a	bsence o	f indicators.)	
Depth	Matrix		Red	dox Features	1	2		
(inches)	Color (moist)	%	Color (moist)	%	Туре	Loc ²	Texture	Remarks
0-8"	10YR 3/1	100					Clay Loam	
8-18"	10YR 4/2	90	10YR 4/6	10	С	m	Clay Loam	
		·					· · -	
¹ Type: C=C	oncentration, D=Depletion	on, RM=Reduce	d Matrix, CS=Covere	d or Coated S	Sand Grains.	² Locati	on: PL=Pore Lining	, M=Matrix.
Hydric Soil I	ndicators ³ :					Test	t Indicators of Hydi	ric Soils:
Histoso	ol (A1)		Sandy Gleye	ed Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic E	Epipedon (A2)		Sandy Redo	x (S5)			Very Shallo	w Dark Surface (F22)
Black H	listic (A3)		Stripped Ma	trix (S6)			Other (Expl	ain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	e (S7) Min anal /E4	`			
	uck (A10)			y Motrix (F1)			
X Deplete	ad Below Dark Surface (/	11)	X Depleted Ma	eu Mairix (F2))			
Thick F	ark Surface (A12)	••••)	Redox Dark	Surface (F6)			³ The hvdric soil in	dicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S3)		Redox Depre	essions (F8)	,		in the United S	States , Version 8.0, 2016.
Restrictive L	aver (if observed):							
Type:	..							
Depth (i	nches):	<u> </u>				Hydric	Soil Present?	Yes X No
HYDROL	OGY							
Wetland Hyd	Irology Indicators:						1	
Primary India	cators (minimum of one i	s required: chec	k all that apply)		2)		Secondary Indica	tors (minimum of two required)
Surface	e Water (A1)		Water-Staine	ed Leaves (B	9)		Surface Sol	II Cracks (B6)
High W	ater Table (A2)		Aquatic Faul	na (B13) Dianta (D14)			Drainage P	atterns (B10)
Saturat	ion (A3) Marka (B1)			: Plants (B14)) •1 \		Dry-Seasor	
Valer i Sedime	ent Deposits (B2)		Oxidized Rh	inde Odor (C	n Livina Root	s (C3)	Saturation \	/isible on Aerial Imagery (C9)
Drift De	eposits (B3)		Presence of	Reduced Iror	n (C4)	0(00)	Stunted or St	Stressed Plants (D1)
Algal M	lat or Crust (B4)		Recent Iron	Reduction in	Tilled Soils (C6)	Geomorphi	c Position (D2)
Iron De	posits (B5)		Thin Muck S	urface (C7)	,	,	FAC-Neutra	al Test (D5)
Inunda	tion Visible on Aerial Ima	gery (B7)	Gauge or W	ell Data (D9)				
Sparse	ly Vegetated Concave S	urface (B8)	Other (Expla	in in Remarks	s)			
Field Observ	vations:							
Surface Wat	er Present?	/esNo_>	Depth (inches): N/A				
Water Table	Present?	/es No X	Depth (inches): N/A				
Saturation P	resent?	/esNo_>	Depth (inches): N/A	Wetland	l Hydrolog	gy Present?	Yes NoX
(includes ca	pillary fringe)							
Describe Re	corded Data (stream gau	ige, monitoring	well, aerial photos, pr	evious inspec	ctions), if ava	ilable:		
Remarks [.]								

Project/Site:	Pleasant Prairie				City/County	: Galloway/Franl	klin	Sampling Date: 10/1/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp038
Investigator(s):	B Hess					Section, Townsh	nip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Summit				Loc	cal relief (concave, convex, none): <u>I</u>	none
Slope (%):	0%	Lat:	39.9359		Long:		-83.213	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	am, 0 to 2 percent slopes (Ko)					NWI classif	ication: none
Are climatic / hydrol	ogic conditions on the	site typical for this time of year	?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly dis	sturbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally proble	ematic?	(If needed	, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map showing s	sampling point location	s, transects, im	nportant featur	res, etc.		
Hydrophytic Ve	getation Present?		Yes	No <u>x</u>	Is the	Sampled Ar	rea	
Hydric Soil Pres	sent?		Yes x	No	withir	n a Wetland?	Yes	<u>No x</u>
Wetland Hydrol	ogy Present?		Yes	No <u>x</u>	_			
Remarks:								
VEGETATION -	- Use scientific	names of plants.						
				Absolute	Dominant	Indicator		
<u>I'ree Stratum</u> (Plot	sıze: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1								
2							Number of Dominant Species	
3							That Are OBL, FACW, or FAC:	1(A)
4							Total Number of Deminent	
ə					- Total Cover			2 (5)
					= Total Cover		Species Across All Strata.	(B)
Sanling/Shrub Strat	um (Plot size: 15' rad	ius)					Percent of Dominant Species	
1	<u>um</u> (11013)20. 10 100						That Are OBL_EACW/ or EAC	50% (A/B)
2								
3.								
4.							Prevalence Index worksheet:	
5.								
L					= Total Cover		Total % Cover of:	Multiply by:
					_		That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species	x1 =
1. Echinochloa cru	ıs-galli			80%	Yes	FACW	FACW species 80%	x2 = 1.60
2. Sida spinosa				50%	Yes	FACU	FAC species 10%	x3 = 0.30
3. Setaria pumila				10%	No	FAC	FACU species 50%	x4 = 2.00
4							UPL species	x5 =
5							Column Totals: 140%	(A) <u>3.90</u> (B)
6								
7							Prevalence Index = E	B/A = 2.79
8								
9								
10							Hydrophytic Vegetation Indicat	tors:
11								hutio Vogot-ti
12								
1.0.								3.0 ¹
15							4-Morphological Adapta	itions ¹ (Provide supporting
16							data in Pomerke er en	a senarate sheet)
17							Problematic Hydrophyt	ic Vegetation ¹ (Explain)
18								J (_/p.c/
19							¹ Indicators of hvdric soil and wet	and hydrology must
20.							be present unless disturbed or r	problematic.
				140%	= Total Cover			
L				1.070				
Woody Vine Stratur	n (Plot size: 30' radiu	is)					Hydrophytic	
1.	_ 、	·					Vegetation	
2.							Present? Yes	No X
					= Total Cover			— —
					_			
Remarks: (Include	photo numbers here o	r on a separate sheet.)						

Profile Desc	cription: (Describe to t	he depth needed	to document the in	dicator or c	onfirm the a	bsence of	f indicators.)	
Depth	Matrix		Red	ox Features				
(inches)	Color (moist)	(Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18"	10YR 3/1	95	10YR 3/4	5	с	m	Clay Loam	
					·		· ·	
					·		· ·	
					·		· ·	
¹ Type: C=C	Concentration, D=Deplet	ion, RM=Reduced	Matrix, CS=Covered	d or Coated S	Sand Grains.	² Locati	on: PL=Pore Lining	a, M=Matrix.
Hydric Soil	Indicators ³ :	,	,			Test	t Indicators of Hyd	ric Soils:
Histos	ol (A1)		Sandy Gleye	d Matrix (S4))		Iron-Manga	anese Masses (F12)
Histic I	Epipedon (A2)		Sandy Redo	(S5)			Very Shallo	ow Dark Surface (F22)
Black I	Histic (A3)		Stripped Mat	rix (S6)			Other (Exp	lain in Remarks)
Hydrog	gen Sulfide (A4)		Dark Surface	(S7)				
Stratifi	ed Layers (A5)		Loamy Muck	y Mineral (F1)			
2 cm N	luck (A10)		Loamy Gleye	d Matrix (F2))			
Deplet	ed Below Dark Surface	A11)	Depleted Ma	trix (F3)			3	
Thick I	Dark Surface (A12)		X Redox Dark	Surface (F6)	7)		The hydric soil in	ndicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Dat	K Surface (F	7)		comply with the	States Version 8.0, 2016
5 cm w	lucky Feat of Feat (33)			5510115 (1-0)			in the Onited S	
Restrictive	Layer (if observed):							
Type:	inches);					Undrig	Soil Present?	Yaa Y Na
Deptil	Incries).					Tiyunc	Son Present:	
HYDROL	OGY							
Wetland Hy	drology Indicators:							
Primary Indi	cators (minimum of one	is required: check	all that apply)	d Loovoo (Pi	0)			ators (minimum of two required)
Surfac					9)			
High W	tion (A2)			Blonto (P14)	\		Drainage P	Allerns (BTU)
Satura	uon (AS) Marka (B1)			Ifide Oder (C) `1`)		Dry-Season	
Sedim	ent Deposits (B2)		Oxidized Rhi	zospheres or	n Livina Root	s (C3)	Saturation	Visible on Aerial Imagery (C9)
Drift D	eposits (B3)		Presence of	Reduced Iror	n (C4)	000)	Stunted or	Stressed Plants (D1)
Algal N	lat or Crust (B4)		Recent Iron F	Reduction in	Tilled Soils ((26)	Geomorphi	c Position (D2)
Iron De	eposits (B5)		Thin Muck S	urface (C7)	, , , , , , , , , , , , , , , , , , ,	/	X FAC-Neutra	al Test (D5)
Inunda	tion Visible on Aerial Im	agery (B7)	Gauge or We	ell Data (D9)				
Sparse	ely Vegetated Concave S	Surface (B8)	Other (Explai	n in Remark	s)			
Field Obser	vations:							
Surface Wa	ter Present?	Yes No X	Depth (inches)	: N/A				
Water Table	Present?	Yes No X	Depth (inches)	: N/A				
Saturation F	Present?	Yes No X	Depth (inches)	: N/A	Wetland	Hydrolog	gy Present?	Yes NoX
(includes ca	pillary fringe)		-					
Describe Re	ecorded Data (stream ga	uge, monitoring we	ell, aerial photos, pre	evious inspec	ctions), if ava	ilable:		
Remarks [.]								
. te namo.								

Project/Site:	Pleasant Prairie					City/County	: Grove City/Fra	nklin Sampling Date: <u>9/29/2020</u>
Applicant/Owner:	Inenergy					State	: OH	Sampling Point: dp101
Investigator(s):	C Renskers						Section, Townsh	nip, Range: N/A
Landform (hillslope	, terrace, etc.):	Summit					Loc	cal relief (concave, convex, none): <u>concave</u>
Slope (%):	0%	Lat:	39.89	921		Long:		-83.1845 Datum: NAD83 UTM16N
Soil Map Unit Name	e: Kokomo silty clay loam, 0 to	2 percent slopes (Ko)						NWI classification: PF01A
Are climatic / hydro	logic conditions on the site typ	ical for this time of yea	r?			Yes	X No	(If no, explain in Remarks.)
Are Vegetation	N, Soil	N	, or Hydrology	Ν	significantly dist	urbed?	Are "Norm	al Circumstances" present? Yes X No
Are Vegetation	<u> </u>	<u> </u>	, or Hydrology	N	naturally proble	matic?	(If needed	explain any answers in Remarks.)
SUMMARY OF	FINDINGS Attach si	te map showing	sampling poin	t locations, t	transects, im	portant featur	res, etc.	
Hydrophytic Ve	getation Present?		Yes <u>x</u>		No	Is the	Sampled Ar	ea
Hydric Soil Pres	sent?		Yes <u>x</u>	N	No	withir	a Wetland?	Yes <u>x</u> No
Vetland Hydro	logy Present?		Yes X		NO	-		
≀emarks:								
/EGETATION	Use scientific names	s of plants.			Absolute	Dominant	Indicator	
<u>ree Stratum</u> (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:
1. Quercus palust	tris				15%	Yes	FACW	
2								Number of Dominant Species
3						. <u> </u>		That Are OBL, FACW, or FAC: 4 (A)
4								
5								Total Number of Dominant
					15%	= Total Cover		Species Across All Strata: 4 (B)
apling/Shrub Strat	tum (Plot size: 15' radius)							Percent of Dominant Species
1. Quercus palust	tris				15%	Yes	FACW	That Are OBL, FACW, or FAC: 100% (A/B)
2. Acer saccharin	um				15%	Yes	FACW	
3								
4.								Prevalence Index worksheet:
5.						<u> </u>		
					30%	= Total Cover		Total % Cover of: Multiply by:
								That Are OBL, FACW, or FAC: A/B
erb Stratum (Plot	i size: 5' radius)				10000		54.014/	OBL species x1 =
Phalaris arundi	nacea					Yes		FACW species 150% $x_2 = 3.00$
<u>Persicana lapa</u>	แทบแล				5%		FACVV	FAC species X3 =
). 						- <u> </u>		
+								Column Totals: 150% (A) 3.00
3								
7								Prevalence index = $B/A = 2.00$
3								
).								
).								Hydrophytic Vegetation Indicators:
1.								
2.						·		X 1-Rapid Test for Hydrophytic Vegetation
3.						·		X 2-Dominance Test is >50%
4.								X 3-Prevalence Index is ≤3.0 ¹
5.								4-Morphological Adaptations ¹ (Provide supporting
6.								data in Remarks or on a separate sheet)
7.								Problematic Hydrophytic Vegetation ¹ (Explain)
18.								

18. 19. 20.	105%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		= Total Cover	Hydrophytic Vegetation Present? Yes X No
Remarks: (Include photo numbers here or on a separate sheet.)			

SOIL

Profile Desc	ription: (Describe to t	he depth need	ed to document the in	ndicator or c	onfirm the a	bsence o	f indicators.)	
Depth	Matrix		Re	dox Features	- 1	. 2		
(inches)	Color (moist)	%	Color (moist)	%	Туре	Loc ²	Texture	Remarks
0-8"	10YR 3/2	95	10YR 5/8	5	С	m	Clay Loam	
8-16"	10YR 4/2	97	10YR 5/6	3	С	m	Clay Loam	
¹ Type: C=C	oncentration, D=Depleti	on, RM=Redu	ced Matrix, CS=Covere	d or Coated	Sand Grains.	² Locat	ion: PL=Pore Lining	, M=Matrix.
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hydi	ric Soils:
Histoso	l (A1)		Sandy Gleye	ed Matrix (S4)		Iron-Manga	nese Masses (F12)
Histic E	ipipedon (A2)		Sandy Redo	x (S5)			Very Shallo	w Dark Surface (F22)
Black F	listic (A3)		Stripped Ma	trix (S6)			Other (Expl	ain in Remarks)
Hydrog	en Sulfide (A4)			e (S7) w Mineral (E	1)			
Stratilie	uck (A10)			(y Minerai (F od Motrix (E2	1) \			
Z CIII M	uck (AIU) d Bolow Dark Surface (A11)	Loaniy Gley	eu Maurix (F2)			
	o below Dark Sullace (ATT)		Surface (E6)			³ Tho bydric coil in	dicators have been undated to
Thick L	Mucky Mineral (S1)			Sunace (FO)	7)		comply with th	e Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S3)		X Redox Depr	essions (F8)	')		in the United S	States Version 8.0, 2016
0 cm m	aver (if cheerved):							
Type.	ayer (il observed):							
Depth (i	nches) [.]					Hydric	Soil Present?	Yes X No
HYDROL	OGY							
Wetland Hyd	Irology Indicators:	ia raquiradu ab	al all that apply)				Cocondon Indico	tors (minimum of two required)
Surface	Water (A1)	is required. Ch	Water-Stain	ed Leaves (B	(0)		Secondary Indica	il Cracks (B6)
	e Waler (AT)			eu Leaves (D	9)		Surface SU	
High W	ater Table (A2)			na (B13)	`		Drainage P	atterns (B10)
	ion (A3)			C Plants (B14) >1)		Dry-Seasor	revue (C2)
Valer I	viaiks (DT)				n Living Poot	rc (C3)		(inible on Aorial Imagony (CQ)
Drift De	enosits (B3)		Presence of	Reduced Iro	n (C4)	.3 (00)	Stunted or 3	Stressed Plants (D1)
	at or Crust (B4)		Recent Iron	Reduction in	Tilled Soile (I	C6)		$= \operatorname{Position}(D^2)$
	nosits (B5)		Thin Muck S	Surface (C7)		00)	X FAC-Neutra	$\frac{1}{1} \operatorname{Test}(D5)$
	ion Visible on Aerial Im	ageny (B7)	Gauge or W	ell Data (D9)				
Sparse	ly Vegetated Concave S	Surface (B8)	Other (Expla	ain in Remark	s)			
Field Obser	vations.	- *	、 、		T			
Surface Wat	er Present?	Yes No	X Depth (inches); N/A				
Water Table	Present?	Yes No	X Depth (inches): N/A				
Saturation P	resent?	Yes No	X Depth (inches): N/A	Wetland	l Hydrolo	gy Present?	Yes X No
(includes ca	oillary fringe)			, <u> </u>				
Describe Re	corded Data (stream ga	uge, monitorin	g well, aerial photos, pi	revious inspe	ctions), if ava	ailable:		
Remarks:								

Project/Site:	Pleasant Prairie					Grove City/Fran	Sampling Date: <u>9/29/2020</u>	
Applicant/Owner:	vner: Inenergy					OH	Sampling Point:	dp102
Investigator(s):	C Renskers					Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Summit				Loc	al relief (concave, convex, none): r	none
Slope (%):	0%	Lat:	39.892		Long:		-83.1844	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loam, 0 t	to 2 percent slopes (Ko)					NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the site ty	pical for this time of year	?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N . So	il N	. or Hvdrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation		nii N	, or Hydrology N	naturally probler	natic?	(If needed.	explain any answers in Remarks.)	
	FINDINGS Attach	site man showing	ampling point location	 s transects im	ortant featur	'es etc	, , , , , , , , , , , , , , , , , , ,	
	notation Bragant?	ne map snowing .		No v	lo tho	Sampled Ar	~	
Hydric Soil Pres	yelalion Present?		Yes v	No <u>x</u>	is the	Sampleu An	d Voc	No x
Wetland Hydrol	ogy Present?		Yes	No x	within		163	
				<u> </u>				
Remarks:								
VEGETATION -	Use scientific name	es of plants.		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet	
1					0400109 (Status	Soundation Lear Morvalleer	
2							Number of Dominant Species	
3								1 (Δ)
J							THAL ALE UDL, FAUVY, OF FAU	(A)
4							Total Number of Density of	
D					- Tatal C			
L					- Total Cover		Species Across All Strata:	(B)
	/							
Sapling/Shrub Strate	um (Plot size: 15' radius)						Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	50% (A/B)
2								
3								
4							Prevalence Index worksheet:	
5.								
					= Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species	x1 =
1. Phalaris arundir	nacea			40%	Yes	FACW	FACW species 46%	x2 = 0.92
2. Glycine max				40%	Yes	UPL	FAC species 5%	x3 = 0.15
3. Sida spinosa				10%	No	FACU	FACU species 10%	x4 = 0.40
4. Setaria glauca				5%	No	FAC	UPL species 45%	x5 = 2.25
5. Hibiscus trionum	n			5%	No	UPL	Column Totals: 106%	(A) 3.72 (B)
6. Cyperus escule	ntus			3%	No	FACW		
7. Panicum dichote	omiflorum			3%	No	FACW	Prevalence Index = E	3/A = 3.51
8.								
9.								
10.							Hydrophytic Vegetation Indicat	ors:
11								
12							1-Ranid Test for Wydron	hytic Vegetation
12								00/
13							2-Dominance Test is >5	U% 2 0 ¹
14.							J-rievalence index is ≤	u.u tiono ¹ (Drouido ouna - tima
15							4-iviorphological Adapta	uons (Provide supporting
16							data in Remarks or on a	a separate sheet)
17							Problematic Hydrophyti	c Vegetation' (Explain)
18								
19							¹ Indicators of hydric soil and wetla	and hydrology must
20							be present, unless disturbed or p	roblematic.
				106%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)						Hydrophytic	
1.	/						Vegetation	
2.							Present? Yes	No X
<u>-</u>					= Total Cover			
Domester (h.)	nhata number ber	concrete et al.					l	
Remarks: (Include)	photo numbers here or on a	separate sneet.)						

SOIL

							,	
Depth	Matrix		Re	dox Features	- 1	. 2		
(inches)	Color (moist)	%	Color (moist)	%	I ype'	Loc	Texture	Remarks
0-6"	10YR 4/2	97	10YR 4/4	3	С	m	Loam	
6-18"	10YR 4/4	97	10YR 4/6	3	С	m	Clay Loam	
······································								
·								
·					·			
	prophytical D-Doplet	ion PM-Pod	ucod Matrix CS-Covor	d or Coated	Sand Grains		ion: DI - Doro Linin	
Hydric Soil Ir	dicators ³ .		uced Matrix, CS-Cover		Sanu Grains.	Local	t Indicators of Hyd	g, M-Matrix. Iric Soils:
Histosol	(A1)		Sandy Glev	ed Matrix (S4)	100	Iron-Manga	anese Masses (F12)
Histic F	ninedon (A2)		Sandy Bed	ou Muuix (04 ox (S5)	/		Verv Shall	ow Dark Surface (F22)
Black H	istic (A3)		Stripped Ma	atrix (S6)			Other (Exp	lain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surfac	xiii.x (00) xe (S7)				
Stratifie	d Lavers (A5)			ky Mineral (F	1)			
2 cm Mi	uck (A10)		l oamv Glev	ed Matrix (F2	· / ?)			
Deplete	d Below Dark Surface (A11)	X Depleted M	atrix (F3)	'			
Thick D	ark Surface (A12)	,	Redox Dark	Surface (F6)	1		³ The hydric soil i	ndicators have been updated to
Sandy M	/ucky Mineral (S1)		Depleted D	ark Surface (F	=7)		comply with th	he Field Indicators of Hydric Soils
5 cm Mi	ucky Peat or Peat (S3)		Redox Dep	ressions (F8)	.,		in the United	States, Version 8.0, 2016.
 Postrictivo I	aver (if observed):		·	()				
Type	ayer (il observed).							
Depth (ir	iches):		-			Hydric	Soil Present?	Yes X No
Remarks:								
Remarks: HYDROL(DGY							
Remarks: HYDROLC Wetland Hyd Primary Indic	DGY rology Indicators: ators (minimum of one	is required: c	heck all that apply)				Secondary Indica	ators (minimum of two required)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface	DGY rology Indicators: ators (minimum of one Water (A1)	is required: c	heck all that apply) Water-Stair	ed Leaves (B	39)		Secondary Indica	ators (minimum of two required) bil Cracks (B6)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High W/	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: c	heck all that apply) Water-Stair	ned Leaves (B	39)		Secondary Indica	ators (minimum of two required) bil Cracks (B6) 2atterns (B10)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High Wa Saturati	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquat	ned Leaves (B ina (B13) c Plants (B14	39)		Secondary Indica	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquati Hvdrogen S	ned Leaves (B ina (B13) c Plants (B14 sulfide Odor ((39) () (1)		Secondary Indica Surface So Drainage F Dry-Seaso Cravfish B	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedime	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rl	ned Leaves (B ina (B13) c Plants (B14 iulfide Odor (C nizospheres o	39) 2) C1) n Living Roo	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimer Drift De	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) flarks (B1) nt Deposits (B2) posits (B3)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o	ied Leaves (B ina (B13) c Plants (B14 iulfide Odor (C nizospheres o f Reduced Iro	39) -) C1) n Living Roo n (C4)	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bo Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedime Drift Dej Algal Ma	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron	ned Leaves (B una (B13) c Plants (B14 iulfide Odor (C nizospheres o f Reduced Iro Reduction in	39) C1) n Living Roo n (C4) Tilled Soils (ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Saturati Drift Dej Algal Ma Iron Deg	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S	ned Leaves (B ina (B13) c Plants (B14 iulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7)	39) C1) n Living Roo n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimer Drift Dej Algal Ma Iron Deg Inundati	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Im	is required: c	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W	ned Leaves (B ina (B13) c Plants (B14 fulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) (ell Data (D9)	39) C1) n Living Roo n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedime Drift Dej Algal Ma Iron Dep Inundati Sparsel	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image y Vegetated Concave S	is required: c agery (B7) Surface (B8)	heck all that apply) —— Water-Stair —— Aquatic Fau —— True Aquati —— Hydrogen S —— Oxidized RI —— Presence o —— Recent Iron —— Thin Muck S —— Gauge or W —— Other (Expl	ned Leaves (B una (B13) c Plants (B14 iulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark	39) C1) n Living Roo n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimer Drift Dej Algal Ma Iron Deg Inundati Sparsel	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations:	is required: c agery (B7) Surface (B8)	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W Other (Expl	ned Leaves (B ina (B13) c Plants (B14 fulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark	39) C1) n Living Roo n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimer Drift Dej Algal Ma Iron Deg Inundati Sparsel Sturface Wate	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present?	is required: c agery (B7) Surface (B8) Yes No	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches	ed Leaves (B ina (B13) c Plants (B14 iulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark	39) C1) n Living Roo n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimel Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Observ Surface Water Water Table	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image y Vegetated Concave Second ations: er Present? Present?	is required: c agery (B7) Surface (B8) Yes No Yes No	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inchest	ed Leaves (B ina (B13) c Plants (B14 iulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A	39) C1) n Living Roo n (C4) Tilled Soils ((s)	ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimel Drift De Algal Ma Iron Dep Inundati Sparsel Field Observ Surface Wate Water Table Saturation Pr	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present?	is required: c agery (B7) Surface (B8) Yes <u>No</u> Yes <u>No</u> Yes <u>No</u>	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches	ed Leaves (B ina (B13) c Plants (B14 iulfide Odor (C izospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A	39) C1) n Living Roo n (C4) Tilled Soils ((s) Wetland	ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimer Drift Der Algal Ma Iron Der Inundati Sparsel Field Observ Surface Water Surface Water Saturation Pr (includes cap	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present? esent? illary fringe)	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches	ed Leaves (B ina (B13) c Plants (B14 iulfide Odor (C izospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A	39) C1) n Living Roo n (C4) Tilled Soils ((s) Wetland	ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Br Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5) Yes NoX
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimer Drift Del Algal Ma Iron Dep Inundati Sparsel Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Rec	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image y Vegetated Concave Se ations: er Present? Present? esent? illary fringe) corded Data (stream ga	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No Yes No yes No	heck all that apply) Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches X Depth (inches Depth (inches)	ed Leaves (B ina (B13) c Plants (B14 fulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A revious inspe	39) C1) n Living Roo n (C4) Tilled Soils ((s) Wetland	ts (C3) C6) d Hydrolo ailable:	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5) Yes No X
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimel Drift De Algal Ma Iron Dep Inundati Sparsel Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Rec	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Images y Vegetated Concave Second ations: er Present? Present? esent? illary fringe) corded Data (stream gas)	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No Yes No uge, monitori	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches X Depth (inches	ed Leaves (B ina (B13) c Plants (B14 iulfide Odor (C izospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A revious inspe	39) C1) c1) n Living Roo n (C4) Tilled Soils ((s) Wetland	ts (C3) C6) d Hydrolo ailable:	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5) Yes No X
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimer Drift Der Algal Ma Iron Der Inundati Sparsel Field Observ Surface Water Surface Water Saturation Pr (includes cap Describe Reco	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Images y Vegetated Concave S ations: er Present? Present? esent? illary fringe) corded Data (stream gas)	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No Yes No uge, monitori	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck 3 Gauge or W Other (Expl X Depth (inches X Depth (inches X Depth (inches Depth (inches)	ed Leaves (B ina (B13) c Plants (B14 iulfide Odor (C izospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A revious inspe	39) C1) n Living Roo n (C4) Tilled Soils ((s) Wetland ections), if ava	ts (C3) C6) d Hydrolo ailable:	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Br Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5) Yes NoX
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimer Drift Der Algal Ma Iron Dep Inundati Sparsel Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Record Remarks:	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present? Present? essent? illary fringe) corded Data (stream ga	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No yes No uge, monitori	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W Other (Expl X Depth (inches X Depth (inches Depth (inches) Depth (inches) X Depth (inches)	ed Leaves (B ina (B13) c Plants (B14 iulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A revious inspe	39) C1) n Living Root n (C4) Tilled Soils ((s) (s) (s) (s) (ctions), if ava	ts (C3) C6) d Hydrolo ailable:	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish B Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water N Sedimel Drift Deg Algal Ma Iron Deg Inundati Sparsel Field Observ Surface Water Vater Table Saturation Pr (includes cap Describe Reco Remarks:	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Ima y Vegetated Concave S ations: er Present? Present? esent? esent? illary fringe) corded Data (stream ga	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No uge, monitori	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck 3 Gauge or W Other (Expl X Depth (inches X Depth (inches Depth (inches) Depth (inches)	ed Leaves (B ina (B13) c Plants (B14 iulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A revious inspe	39) C1) c1) n Living Roo n (C4) Tilled Soils ((s) Wetland	ts (C3) C6) d Hydrolo	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5)
Remarks: HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturati Water M Sedimel Drift Del Algal Ma Iron Dep Inundati Sparsel Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) bosits (B5) on Visible on Aerial Images y Vegetated Concave Se ations: er Present? Present? esent? illary fringe) corded Data (stream gas)	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No uge, monitori	heck all that apply) Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck 3 Gauge or W Other (Expl X Depth (inches X Depth (inches X Depth (inches) Depth (inches)	ed Leaves (B ina (B13) c Plants (B14 iulfide Odor (C izospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A revious inspe	39) C1) c1) n Living Roo n (C4) Tilled Soils ((s) Wetland ections), if ava	ts (C3) C6) d Hydrolo ailable:	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bi Saturation Stunted or Geomorph FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) ral Test (D5) Yes <u>No X</u>

Project/Site:	Pleasant Prairie					: Grove City/Fran	Sampling Date: 9/29/2020	
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp103
Investigator(s):	C Renskers					Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Summit				Loc	al relief (concave, convex, none): n	ione
Slope (%):	0%	Lat:	39.8922		Long:		-83.1865	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	am, 0 to 2 percent slopes (Ko)				NWI classifi	cation: PEM1C
Are climatic / hydrol	ogic conditions on the	site typical for this time of ye	ar?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally problem	matic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map showing	sampling point locatio	ns. transects. im	portant featur	res. etc.		
Hydrophytic Ver	netation Present?	, ,	Ves	No x	le the	Sampled Ar	22	
Hydric Soil Pres	sent?		Yes		within	a Wetland?	Yes	No x
Wetland Hydrol	ogy Present?		Yes	No x	-			
Pomarka:					-			
Remarks.								
VEGETATION -	- Use scientific I	names of plants.						
				Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1.								
2.					- <u> </u>		Number of Dominant Species	
3.							That Are OBL, FACW, or FAC:	1 (A)
4.							- , - , -	
5					<u> </u>		Total Number of Dominant	
					= Total Cover		Species Across All Strata	2 (B)
								(0)
Sanling/Shrub Strat	um (Plot size: 15' radi	ius)					Percent of Dominant Species	
1							That Are OBL_EACW, or EAC:	50% (A/R)
1							That Are ODE, I AOW, OF I AO.	(\(\b)
2					·			
3					. . <u></u>		Drevelance Index workshoot	
4				·			Prevalence index worksheet:	
5.					- <u> </u>		T (10) O	
					= Total Cover		Total % Cover of:	Multiply by:
Harb Stratum (Diat	aiza: E' radiua)						OBL apacias	<u></u>
<u>Heid Stratum</u> (Flot			_	00%	Vee	540		XI =
1. Toxicodenaron	radicans			80%	Yes	FAC	FACVV species 3%	$x_2 = 0.06$
2. Daucus carota				40%	Yes		FAC species 85%	$x_3 = 2.55$
3. Setaria taberi				15%	NO	FACU	FACU species 33%	x4 = 1.32
4. Giecnoma nede				10%	NO	FACU	UPL species 40%	$x_5 = 2.00$ (7)
5. Solidago canad	ensis 			5%	<u>No</u>	FACU	Column Totals: 161%	(A) <u>5.93</u> (B)
6. Celtis occidenta	lis			5%	<u>No</u>	FAC		
7. Abutilon theoph	rasti			3%	No	FACU	Prevalence Index = E	3/A = <u>3.68</u>
8. Echinochloa cru	ıs-galli				No	FACW		
9								
10							Hydrophytic Vegetation Indicat	ors:
11								
12					<u> </u>		1-Rapid Test for Hydrop	hytic Vegetation
13					<u> </u>		2-Dominance Test is >5	0%
14							3-Prevalence Index is ≤	3.0'
15							4-Morphological Adapta	tions ¹ (Provide supporting
16							data in Remarks or on a	a separate sheet)
17							Problematic Hydrophyti	c Vegetation ¹ (Explain)
18								
19.							¹ Indicators of hydric soil and wetla	and hydrology must
20.							be present, unless disturbed or p	roblematic.
				161%	= Total Cover		l ·	
Woody Vine Stratum	n (Plot size: 30' radiu	is)					Hydrophytic	
1.							Vegetation	
2.							Present? Yes	No X
-·					= Total Cover			
Remarks: (Include)	nhoto numbers boro o	r on a senarate sheet)						
		a on a soparate oncet.)						

Profile Desc	cription: (Describe to t	the depth needed	I to document the in	dicator or co	onfirm the al	bsence of	indicators.)	
Depth	Matrix		Red	ox Features	T	. 2		
(inches)	Color (moist)	%	Color (moist)	%	Гуре	Loc	Texture	Remarks
0-14"	10YR 2/1	100					Loam	
					······································			
					·			
					·			
¹ Type: C=C	Concentration, D=Deplet	tion, RM=Reduced	d Matrix, CS=Covered	l or Coated S	Sand Grains.	² Locatio	on: PL=Pore Lining	, M=Matrix.
History			Sandy Clave	d Matrix (CA)		Test		
	DI (AT) Eninodon (AQ)		Sandy Gleyer	(05)				nese Masses (F12)
	zpipedon (Az)		Sandy Redux	(30) iv (86)			Very Shallo	w Dark Sullace (F22)
	nisiic (A3)			(SZ)				am in Remarks)
Hydrog	jen Sullide (A4)		Dark Surface	(57) Min and (54	`			
	eu Layers (A5)			d Metrix (FC))			
∠ cm IV	nuck (AIU)	(411)	Loamy Gleye	u iviatrix (F2)				
		(ATT)	Depleted Mat	uix (トろ) Surface (ニ۵)			³ The buddle of the	diastara baya kecenyatata dite
	Jark Surface (A12)		Redox Dark S	Sufface (Нб)	7)		i ne nydric soil in	alcalors have been updated to
Sandy	Mucky Mineral (S1)		Depleted Dar	K Surface (F	()		comply with the	e Field Indicators of Hydric Solls
5 CM IV	lucky Peat or Peat (S3)		Redox Depre	ssions (F8)			in the United S	states, version 8.0, 2016.
Restrictive I	Layer (if observed):							
Type:								
Depth (inches):	<u> </u>				Hydric	Soil Present?	Yes NoX
	OGY							
Primary Indi	cators (minimum of one	is required: check	(all that apply)				Secondary Indicat	tors (minimum of two required)
Surface	e Water (A1)	is required. cricci	Water-Staine	d Leaves (B	3)		Surface Soi	L Cracks (B6)
	(otor Toble (A2)			o (P12)	5)		Drainago Br	attorna (P10)
Night W	tion (Λ^2)			a (DIJ) Plante (B14)				Water Table (C2)
Satural	Marke (B1)			lfido Odor (C	1)		Dry-Season	$\frac{1}{1} \frac{1}{1} \frac{1}$
Sedime	ent Denosits (B2)		Ovidized Rhi	zospheres or	n Living Root	s (C3)	Saturation \	(isible on Aerial Imageny (C9)
Drift De	encists (B3)		Presence of P	Reduced Iror	(C4)	3 (00)	Stunted or S	Stressed Plants (D1)
	Apt or Crust (B4)		Pocont Iron F	Poduction in .	Tillod Soils ((26)	Goomorphic	Position (D2)
	anosits (B5)		Thin Muck St	urface (C7)		20)	EAC-Neutra	l Test (D5)
	tion Visible on Asriel Im							li Test (D3)
Illullua Sporso	Ny Vogotated Concave	Surface (B8)	Gauge of We	n in Pomorki	-)			
	ly vegetated Concave	Sullace (BO)			»)			
Field Observ	vations:							
Surface Wat	ter Present?	Yes No X	Depth (inches)	: <u>N/A</u>				
Water Table	Present?	Yes No X	Depth (inches)	: <u>N/A</u>				
Saturation P	Present?	Yes No X	Depth (inches)	: N/A	Wetland	Hydrolog	y Present?	Yes NoX
(includes ca	pillary fringe)							
Describe Re	ecorded Data (stream ga	auge, monitoring v	vell, aerial photos, pre	evious inspec	ctions), if ava	ilable:		
Remarks:								

Project/Site:	Pleasant Prairie				City/County	: Grove City/Fran	klin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp104
Investigator(s):	C Renskers					Section, Townsh	ip, Range: N/A	
Landform (hillslope,	terrace, etc.):	Summit				Loc	al relief (concave, convex, none): r	none
Slope (%):	0%	Lat:	39.8874		Long:		-83.1908	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	am, 0 to 2 percent slopes (Ko)				NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical for this time of ye	ear?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	Ν	, Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally probler	matic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Att	ach site map showing	sampling point location	s, transects, im	portant featur	es, etc.		
Hvdrophvtic Veo	petation Present?		Yes	No x	Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes	No x	within	a Wetland?	Yes	No x
Wetland Hydrol	ogy Present?		Yes x	No	-			
Remarks:								
VEGETATION -	- Use scientific	names of plants.						
Tree Official (Trees				Absolute	Dominant	Indicator		
<u>ree Stratum</u> (Plot	sıze: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1								
2							That Are ODL SACING STOR	
3							I hat Are OBL, FACW, or FAC:	1 (A)
4								
5					- Tatal C		I otal Number of Dominant	
					= I otal Cover		Species Across All Strata:	3 (B)
		• \						
Sapling/Shrub Strati	um (Plot size: 15' rad	ius)					Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	<u>33%</u> (A/B)
2					<u> </u>			
3							Development in the second second	
4							Prevalence index worksheet:	
5.					- <u> </u>		T () () ()	
					= Total Cover		Total % Cover of:	Multiply by:
Herb Stratum (Plot	size: 5' radius)						OBL species	x1 =
1 Symphyotrichur	n cordifolium		_	20%	Yes	LIPI	EACW species 18%	x2 = 0.36
2 Daucus carota				15%	Yes		FAC species 6%	$x_{3} = 0.18$
3. Muhlenbergia m	nexicana			15%	Yes	FACW	FACU species 28%	x4 = 1.12
4. Taraxacum offic	cinale			10%	No	FACU	UPL species 35%	x5 = 1.75
5. Ambrosia artem	isiifolia			10%	No	FACU	Column Totals: 87%	(A) 3.41 (B)
6. Oxalis stricta				5%	No	FACU		
7. Erigeron canade	ensis			3%	No	FACU	Prevalence Index = E	3/A = 3.92
8. Plantago rugelii				3%	No	FAC		
9. Echinochloa cru	ıs-galli			3%	No	FACW		
10. Juncus tenuis	-			3%	No	FAC	Hydrophytic Vegetation Indicat	ors:
11.								
12.							1-Rapid Test for Hydrop	hytic Vegetation
13.							2-Dominance Test is >5	0%
14.					<u> </u>		3-Prevalence Index is ≤	3.0 ¹
15.							4-Morphological Adapta	tions ¹ (Provide supporting
16.					<u> </u>		data in Remarks or on	a separate sheet)
17.					<u> </u>		Problematic Hydrophyti	c Vegetation ¹ (Explain)
18.								
19.							¹ Indicators of hydric soil and wetl	and hydrology must
20.							be present, unless disturbed or p	problematic.
				87%	= Total Cover		, I	
Woody Vine Stratun	n (Plot size: 30' radiu	is)					Hydrophytic	
1.							Vegetation	
2.							Present? Yes	No X
					= Total Cover		-	
					-			
Remarks: (Include)	photo numbers here o	r on a separate sheet.)						
Profile Desc	ription: (Describe to t	he depth need	ed to document the ir	ndicator or c	onfirm the a	bsence o	f indicators.)	
------------------------	--------------------------------------	------------------	---------------------------	-----------------------------	-------------------	---------------------	---------------------------------	------------------------------------
Depth	Matrix		Rec	dox Features			_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-2"	10YR 3/4	100					Loam	
2-18"	10YR 3/4	97	10YR 4/6	3	С	М	Clay Loam	
							- <u> </u>	
¹ Type: C=C	oncentration, D=Depleti	on, RM=Reduc	ed Matrix, CS=Covere	d or Coated	Sand Grains.	² Locati	ion: PL=Pore Lining	, M=Matrix.
Hydric Soil I	ndicators ³ :	· ·				Tes	t Indicators of Hyd	ric Soils:
Histoso	l (A1)		Sandy Gleye	d Matrix (S4))		Iron-Manga	nese Masses (F12)
Histic E	pipedon (A2)		Sandy Redo	x (S5)			Very Shallo	w Dark Surface (F22)
Black H	listic (A3)		Stripped Mat	trix (S6)			Other (Exp	ain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	e (S7)				
Stratifie	d Layers (A5)			y Mineral (F1	1)			
	uck (ATU) ad Below Dark Surface (Δ11)	Loany Gleye	eu Maurix (F2 atrix (F3))			
Thick D	ark Surface (A12)	ATT)	Bedox Dark	Surface (F6)			³ The hydric soil ir	dicators have been updated to
Sandy I	Mucky Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S3)		Redox Depre	essions (F8)	,		in the United S	States, Version 8.0, 2016.
Restrictive I	aver (if observed):							
Type:								
Depth (i	nches):					Hydric	Soil Present?	Yes No X
Domorko								
HYDROL	DGY							
Wetland Hyd	Irology Indicators:	is required, she	ak all that apply)				Secondary Indian	tore (minimum of two required)
Primary Indic	Water (A1)	is required: che	X Water-Stain	ed Leaves (R	(0)		_Secondary Indica	ilors (minimum of two required)
High W	ater Table (A2)			eu Leaves (D	5)		Drainage P	atterns (B10)
Saturat	ion (A3)		True Aquatic	Plants (B14)		Drainage T	Water Table (C2)
Water	Marks (B1)		Hydrogen Su	ulfide Odor (C	, C1)		Crayfish Bu	irrows (C8)
Sedime	ent Deposits (B2)		Oxidized Rh	izospheres o	n Living Root	s (C3)	Saturation	Visible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence of	Reduced Iro	n (C4)		Stunted or	Stressed Plants (D1)
Algal M	at or Crust (B4)		Recent Iron	Reduction in	Tilled Soils (C6)	X Geomorphi	c Position (D2)
Iron De	posits (B5)		Thin Muck S	urface (C7)			FAC-Neutra	al Test (D5)
Inundat	ion Visible on Aerial Ima	agery (B7)	Gauge or W	ell Data (D9)				
Sparse	y Vegetated Concave S	urface (B8)	Other (Expla	in in Remark	s)			
Field Observ	vations:							
Surface Wate	er Present?	Yes No	X Depth (inches): <u>N/A</u>				
Water Table	Present?	Yes No	X Depth (inches): <u>N/A</u>				
Saturation P	resent?	Yes <u>No</u>	X Depth (inches): <u>N/A</u>	Wetland	Hydrolo	gy Present?	Yes <u>X</u> No
(includes cap	oillary fringe)	una manitarina	well earled photon pr	aviaua inana	ationa) if ava	ilablar		
Describe Re	corded Data (stream ga	uge, monitoring	j well, aerial photos, pr	evious inspe	cuons), ir ava	liable:		
Remarks:								
l								

Project/Site:	Pleasant Prairie						City/County	: Grove City/Frai	nklin		Sampling Date	e: <u>9/29/2020</u>	
Applicant/Owner:	Inenergy						State	: OH	Sampling Poi	nt:	dp10	5	
Investigator(s):	C Renskers							Section, Townsh	nip, Range: <u>N/A</u>				
Landform (hillslope	, terrace, etc.):	Su	ummit					Loc	cal relief (concave, c	onvex, none): <u>n</u>	one		
Slope (%):	0%	Lat:		39.886	;		Long:		-83.1888		Datum: NAI	D83 UTM16N	
Soil Map Unit Name	e: Crosby silt loam, s	Southern Ohio Til	l Plain, 0 to 2 pe	rcent slopes (CrA)						NWI classific	ation: <u>non</u>	e	
Are climatic / hydro	logic conditions on t	the site typical for	this time of year	?			Yes	X No	(If no, explair	n in Remarks.)			
Are Vegetation	N	, Soil	N	, or Hydrology	Ν	significantly dis	turbed?	Are "Norm	al Circumstances" p	resent?	Yes X	No	
Are Vegetation	<u> </u>	, Soil	N	, or Hydrology	Ν	naturally proble	ematic?	(If needed	, explain any answer	s in Remarks.)			
SUMMARY OF	FINDINGS A	ttach site ma	p showing s	sampling point	locations	s, transects, im	portant featur	res, etc.					
Hydrophytic Ve	getation Presen	nt?		Yes	_	No <u>x</u>	_ Is the	Sampled Ar	ea				
Hydric Soil Pre	sent?			Yes	_	No <u>X</u>	within	h a Wetland?		Yes	No	<u>X</u>	
	logy Flesent?			165	_		_						
Remarks:													
VEGETATION	Use scientifi	c names of p	lants.										
		•				Absolute	Dominant	Indicator					
Tree Stratum (Plot	size: 30' radius)					% Cover	Species?	Status	Dominance Test	worksheet:			
1. Fraxinus ameri	icana					40%	Yes	FACU					
2. Juglans nigra						10%	No	FACU	Number of Domin	ant Species			
3. <i>Morus alba</i>						10%	No	FAC	That Are OBL, FA	CW, or FAC:	1	(A)	
4													
5									Total Number of I	Dominant			
						60%	= Total Cover		Species Across A	II Strata:	4	(B)	
Sapling/Shrub Stra	tum (Plot size: 15' r	adius)							Boroont of Domin	ant Spacias			
1 Eravinus ameri	icana	aulus)				15%	Voc	EACU	That Are OBLEA		250	ζ (Λ/₽)	`
2 Lonicera maac	kii					10%	 		That Ale Obe, 17		237	(A/D)	1
3						1070	165						
4.									Prevalence Index	worksheet:			
5.													
						25%	= Total Cover		Total %	Cover of:	Mu	Itiply by:	
							-		That Are OBL, FA	CW, or FAC:		A/B	
<u>Herb Stratum</u> (Plot	t size: 5' radius)								OBL species		x1 =		-
1. Poa pratensis						90%	Yes	FAC	FACW species		x2 =		_
2. Taraxacum offi	icinale					15%	No	FACU	FAC species	100%	x3 =	3.00	-
3. Trifolium repen	s					15%	No	FACU	FACU species	98%	x4 =	3.92	-
4. Cichorium intyl	bus					3%	No	FACU	UPL species	10%	x5 =	0.50	-
5									Column Totals:	208%	(A)	7.42	(B)
6													
7									Preva	llence Index = B	/A =	3.57	
8													
9													
10									Hydrophytic Veg	etation Indicato	ors:		
11										Toot for Liveler	utio Verstat	-	
12.										nest for Hydroph		1	
14									2-Domin	ance Index is <3	0 ¹		
14									4-Morph	ological Adaptati	ons ¹ (Provide)	supporting	
16										Remarks or on o	senarate ebor		
17									Problem	atic Hydrophytic	Vegetation ¹ (I	Explain)	
18.									— ·	, , ,	- (-	. ,	

18 19 20	123% = Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.	= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)		

	eeded to document the in	dicator or c	onfirm the a	bsence of	indicators.)	
Depth Matrix	Rec	lox Features				
(inches) Color (moist) %	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-16" 10YR 2/2 100					Loam	
					· · ·	
<u> </u>						
¹ Type: C=Concentration D=Depletion PM=Pe	duced Metrix, CS-Covere	d or Coatod 9	Cond Craina	² l opatio		M-Motrix
Type: C=Concentration, D=Depletion, RM=Re	duced Matrix, CS=Covere	d or Coaled a	Sand Grains.	Localic	Indicators of Hydr	, M=Matrix. ic Soils:
Histosol (A1)	Sandy Gleve	d Matrix (S4))	1001	Iron-Manga	nese Masses (F12)
Histic Epipedon (A2)	Sandy Redo	(S5)			Verv Shallo	w Dark Surface (F22)
Black Histic (A3)	Stripped Mat	rix (S6)			Other (Expl	ain in Remarks)
Hvdrogen Sulfide (A4)	Dark Surface	e (S7)			<u> </u>	
Stratified Lavers (A5)	Loamv Muck	v Mineral (F1)			
2 cm Muck (A10)	Loamy Gleve	d Matrix (F2)			
Depleted Below Dark Surface (A11)	Depleted Ma	trix (F3)				
Thick Dark Surface (A12)	Redox Dark	Surface (F6)			³ The hydric soil in	dicators have been updated to
Sandy Mucky Mineral (S1)	Depleted Da	rk Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm Mucky Peat or Peat (S3)	Redox Depre	essions (F8)			in the United S	States, Version 8.0, 2016.
Restrictive Laver (if observed):						
Type:						
Depth (inches):	_			Hydric	Soil Present?	Yes No X
Dementor						
HYDROLOGY						
HYDROLOGY Wetland Hydrology Indicators:						
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required:	check all that apply)				Secondary Indica	tors (minimum of two required)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1)	check all that apply) Water-Staine	ed Leaves (B	9)		Secondary Indica	tors (minimum of two required) I Cracks (B6)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2)	check all that apply) Water-Staine Aquatic Fau	ed Leaves (B na (B13)	9)		Secondary Indica	tors (minimum of two required) I Cracks (B6) atterns (B10)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3)	check all that apply) Water-Staine Aquatic Fau True Aquatic	ed Leaves (B na (B13) Plants (B14	9)		Secondary Indica Surface Soi Drainage P Dry-Seasor	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	check all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen St	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C	9)) ;1)		Secondary Indica Surface Soi Drainage P Dry-Season Crayfish Bu	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	check all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen Su Oxidized Rh	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of	9)) ;1) n Living Root	s (C3)	Secondary Indica Surface Soi Drainage P Dry-Seasor Crayfish Bu Saturation	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	check all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen Su Oxidized Rh	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iroi	9)) 21) n Living Root n (C4)	s (C3)	Secondary Indica Surface Soi Drainage P Dry-Season Crayfish Bu Saturation Stunted or S	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	check all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen Su Oxidized Rh Presence of Recent Iron	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iroi Reduced Iroi	9)) c1) n Living Root n (C4) Tilled Soils ((s (C3) C6)	Secondary Indica Surface Soi Drainage P Dry-Seasor Crayfish Bu Saturation V Stunted or S Geomorphic	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	check all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen Su Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduced Iron Reduction in urface (C7)	9) 21) n Living Root n (C4) Tilled Soils ((s (C3) C6)	Secondary Indica Surface Soi Drainage P Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7)	check all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduced Iron Reduction in urface (C7) ell Data (D9)	9) ;1) n Living Root n (C4) Tilled Soils ((s (C3) C6)	Secondary Indica Surface Soi Drainage P Dry-Seasor Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)	check all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or Wo Other (Expla	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark	9)) c1) n Living Root n (C4) Tilled Soils ((s)	s (C3) C6)	Secondary Indica Surface Soi Drainage P Dry-Season Crayfish Bu Saturation Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) I Test (D5)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)	check all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or Wa Other (Expla	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark	9) 1) n Living Root n (C4) Tilled Soils ((s)	s (C3) C6)	Secondary Indica Surface Soi Drainage P Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present?	check all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen Su Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or Wa Other (Expla	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark	9)) n Living Root n (C4) Tilled Soils ((s)	s (C3) C6)	Secondary Indica Surface Soi Drainage P Dry-Seasor Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes Water Table Present? Yes	check all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla o X Depth (inches o X Depth (inches	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark): N/A	9)) c1) n Living Root n (C4) Tilled Soils ((s)	s (C3) C6)	Secondary Indica Surface Soi Drainage P. Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes N Water Table Present? Yes N	check all that apply) Water-Staine Aquatic Fau True Aquatic Hydrogen Su Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or Wa Other (Expla	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark): N/A	9) 21) n Living Root n (C4) Tilled Soils ((s) Wetland	s (C3) C6)	Secondary Indica Surface Soi Drainage P Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) I Test (D5)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes Water Table Present? Yes N Saturation Present? Yes N Saturation Present? Yes	check all that apply)	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark): N/A): N/A	9) 21) n Living Root n (C4) Tilled Soils (s) Wetland	s (C3) C6) I Hydrolog	Secondary Indica Surface Soi Drainage P Dry-Seasor Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5) Yes NoX
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes Naturation Present? Yes Saturation Present? Yes	check all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck St Gauge or Wr Other (Explation) o X Depth (inchess	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark p: N/A p: N/A p: N/A p: N/A	9)) n Living Root n (C4) Tilled Soils ((s) Wetland ctions), if ava	s (C3) C6) I Hydrolog	Secondary Indica Surface Soi Drainage P Dry-Seasor Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes Water Table Present? Yes N Naturation Present? Yes Note: Naturation Present? Yes Note: Naturation Present? Yes Note: Naturation Present? Yes Naturation Present? Yes Naturation Present? Describe Recorded Data (stream gauge, monitor) Naturation	check all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or Wa Other (Explain o X Depth (inches o X Depth (inches	ed Leaves (B na (B13) Plants (B14) Ilfide Odor (C zospheres of Reduced Iron Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark): N/A): N/A): N/A): N/A	9)) 1) n Living Root n (C4) Tilled Soils ((s) Wetland ctions), if ava	s (C3) C6) I Hydrolog	Secondary Indica Surface Soi Drainage P Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) I Test (D5) Yes No X
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes N Vater Table Present? Yes N Saturation Present? Yes N (includes capillary fringe) Describe Recorded Data (stream gauge, monitor)	check all that apply)	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark : N/A : N/A : N/A : N/A	9)) n Living Root n (C4) Tilled Soils (s) Wetland ctions), if ava	s (C3) C6) I Hydrolog ilable:	Secondary Indica Surface Soi Drainage P Dry-Seasor Crayfish Bu Saturation N Stunted or 3 Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5) Yes NoX
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes N Water Table Present? Yes N (includes capillary fringe) Describe Recorded Data (stream gauge, monitor Remarks:	check all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or Wr Other (Explain o X Depth (inches	ed Leaves (B na (B13) Plants (B14 Iffide Odor (C zospheres of Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark : N/A : N/A : N/A : N/A	9)) 1) n Living Root n (C4) Tilled Soils ((s) Wetland ctions), if ava	s (C3) C6) I Hydrolog	Secondary Indica Surface Soi Drainage P. Dry-Seasor Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes Water Table Present? Yes N Saturation Present? Yes N Gincludes capillary fringe) Describe Recorded Data (stream gauge, monitor) Remarks:	check all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or Wr Other (Explain o X Depth (inches	ed Leaves (B na (B13) Plants (B14) Ilfide Odor (C zospheres of Reduced Iron Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark : N/A : N/A : N/A : N/A	9)) (1) n Living Root n (C4) Tilled Soils ((s) Wetland ctions), if ava	s (C3) C6) I Hydrolog	Secondary Indica Surface Soi Drainage P Dry-Season Crayfish Bu Saturation Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) I Test (D5) Yes NoX
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes Water Table Present? Yes N Saturation Present? Yes N Saturation Present? Yes N Saturation Present? Yes N Saturation Present? Yes N Gincludes capillary fringe) Describe Recorded Data (stream gauge, monitor Remarks:	check all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or Wa Other (Expla o X Depth (inches o X Depth (inches	ed Leaves (B ha (B13) Plants (B14) Ilfide Odor (C zospheres of Reduced Iroi Reduced Iroi Reduction in urface (C7) ell Data (D9) in in Remark : <u>N/A</u> : <u>N/A</u> : <u>N/A</u>	9)) 1) n Living Root n (C4) Tilled Soils (s) Wetland ctions), if ava	s (C3) C6) I Hydrolog	Secondary Indica Surface Soi Drainage P Dry-Season Crayfish Bu Saturation N Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) I Test (D5)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required: Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes Water Table Present? Yes N Saturation Present? Yes N (includes capillary fringe) Describe Recorded Data (stream gauge, monitor Remarks:	check all that apply) Water-Stains Aquatic Faur True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or Wr Other (Explain o X Depth (inches o X	ed Leaves (B na (B13) Plants (B14 Ilfide Odor (C zospheres of Reduced Iron Reduction in urface (C7) ell Data (D9) in in Remark : N/A : N/A : N/A evious inspec	9)) n Living Root n (C4) Tilled Soils ((s) Wetland ctions), if ava	s (C3) C6) I Hydrolog	Secondary Indica Surface Soi Drainage P Dry-Seasor Crayfish Bu Saturation N Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)

Project/Site:	Pleasant Prairie					City/County:	Grove City/Fram	nklin		Sampling Dat	e: <u>9/29/2020</u>)
Applicant/Owner:	Inenergy					State:	ОН	Sampling Point	::	dp10	06	
Investigator(s):	C Renskers						Section, Townsh	nip, Range: <u>N/A</u>				
Landform (hillslope	e, terrace, etc.): Toeslo	оре					Loc	cal relief (concave, co	nvex, none): <u>co</u>	oncave		
Slope (%):	0% Lat:		39.8861			Long:		-83.1889		Datum: NA	D83 UTM16	6N
Soil Map Unit Nam	e: Crosby silt loam, Southern Ohio Till Pla	in, 0 to 2 percent slo	opes (CrA)						NWI classific	ation: <u>no</u>	ne	
Are climatic / hydro	ologic conditions on the site typical for this	time of year?				Yes	X No	(If no, explain	in Remarks.)			
Are Vegetation	<u> </u>	N , or H	ydrology	N signific	antly dist	urbed?	Are "Norm	al Circumstances" pre	esent?	Yes X	(No	
Are Vegetation	<u>N</u> , Soil	N , or Hy	ydrology	N natural	ly probler	matic?	(If needed	, explain any answers	in Remarks.)			
SUMMARY OF	FINDINGS Attach site map s	howing sampli	ing point loca	itions, transe	cts, im	portant featur	es, etc.					
Hydrophytic Ve	egetation Present?	Yes_	<u>X</u>	No		Is the	Sampled Ar	ea	Maria	NL.		
Hydric Soll Pre	sent?	Yes_ Ves	X	NO		within	a wetland?		Yes X	NO		
	logy riesent!	163	^	NO		-						
Remarks:												
l												
l												
VEGETATION	Use scientific names of plan	ts.										
				Ab	solute	Dominant	Indicator					
Tree Stratum (Plot	t size: 30' radius)			%	Cover	Species?	Status	Dominance Test v	vorksheet:			
1. Acer saccharin	num				20%	Yes	FACW					
2. Populus deltoio	des				20%	Yes	FAC	Number of Domina	nt Species			
3. Ulmus rubra					10%	Yes	FAC	That Are OBL, FAC	CW, or FAC:	6	6 <u>(</u> /	4)
4												
5								Total Number of Do	ominant	_		_ `
					50%	= Total Cover		Species Across All	Strata:	/	<u> </u>	3)
Sapling/Shrub Stra	tum (Plot size: 15' radius)							Boroont of Domino	nt Spaciae			
1 Fravinua ponno					E0/	Vaa		That Ara OBL EAC		96	0/. ()	∧ /D \
1. Acer saccharin	sylvanica				5%	Vos		That Are Obl., FAC	W, OFFAC.		<u>//</u> (/	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
2. ALEI SALLIAIII					570	165	FACIN					
4						<u> </u>		Prevalence Index v	vorksheet [.]			
5.						<u> </u>						
					10%	= Total Cover		Total % C	over of:	M	ultiply by:	
					-	-		That Are OBL, FAC	W, or FAC:		A	/B
Herb Stratum (Plo	t size: 5' radius)							OBL species	33%	x1 =	0.33	
1. Lemna minor					30%	Yes	OBL	FACW species	33%	x2 =	0.66	
2. Pilea pumila					3%	No	FACW	FAC species	30%	x3 =	0.90	
3. Typha angustif	folia				3%	No	OBL	FACU species	5%	x4 =	0.20	
4						<u> </u>		UPL species		x5 =		
5						. <u> </u>		Column Totals:	101%	(A)	2.09	(B)
6						<u>, ,</u> ,						
7								Prevale	ence Index = B	A =	2.07	
8												
9												
10						<u> </u>		Hydrophytic Vege	tation Indicato	ors:		
11						<u> </u>						
12								1-Rapid T	est for Hydroph	ytic Vegetatio	on	
13								X 2-Domina	nce Test is >5(9%		
14						<u> </u>		X 3-Prevale	nce Index is ≤3	.0'		
15						<u> </u>		4-Morphol	ogical Adaptat	ons' (Provide	supporting	
16.						<u> </u>		data in R	emarks or on a	separate she	et)	
17								Problema	ilic Hydrophytic	vegetation'	(⊏xpiain)	
18.												

18. 19. 20.		= Total Cover		¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1. Vitis aestivalis 2.	<u> </u>	Yes = Total Cover	FACU	Hydrophytic Vegetation Present? Yes <u>X</u> No
Remarks: (Include photo numbers here or on a separate sheet.)				

Profile Desc	ription: (Describe to	the depth neede	d to document the in	dicator or c	onfirm the al	bsence of	indicators.)	
Depth	Matrix		Red	ox Features	- 1	. 2	_	
(inches)	Color (moist)	%	Color (moist)	%	I ype'	Loc ²	Texture	Remarks
0-2"	10YR 4/1	100					Silt Loam	
2-18"	10YR 5/1	100			· ·		Silt Loam	
					·			
¹ Turnet C=C	Concentration D-Danks	tion DM-Doduor	d Matrix CS=Cavara	d ar Coatad (and Craina	² 1 a a a tia		M-Matrix
Hydric Soil	ndicators ³ :		ed Matrix, CS-Covered		Sanu Grains.		Indicators of Hydr	, M-Maulix.
Histos			Sandy Gleve	d Matrix (S4)		1631	Iron-Mangai	nese Masses (F12)
Histost	Eninedon (A2)		Sandy Bedox	u Mailix (04) / (95)			Very Shallor	w Dark Surface (F22)
Black H	-pipedon (Α2) Histic (Δ3)		Stripped Mat	rix (S6)			Other (Evol	ain in Remarks)
Diack T	an Sulfide (A4)		Dark Surface	(S7)				
Tryatog	ell Sullide (A4)			v Mineral (E1)			
2 cm M	uck (Δ10)			y minicial (E) od Matrix (E2))			
Z UII IV Doplet/	ad Relow Dark Surface	(Δ11)	X Deploted Mar	trix (F3)	/			
		(~!)		uik (FJ) Surfaco (EG)			³ The hydric coil in	dicators have been undeted to
Sandy	Mucky Mineral (C1)		Redux Darks	oundee (F0) rk Surfaco /⊑	7)			a Field Indicators of Hudric Soils
Sanuy	watery willeral (31) lucky Post or Post (82)				')		in the United S	tates Version 8.0, 2016
5 CIII IV	lucky real of real (33)			5510115 (FO)			in the Onited S	
Restrictive I	_ayer (if observed):							
Type:	· · · ·							X X
Depth (Hyaric	Soll Present?	Yes <u>X</u> NO
HYDROL	OGY							
Wetland Hyd	drology Indicators:							
Primary Indi	cators (minimum of one	is required: cheo	ck all that apply)				Secondary Indicat	tors (minimum of two required)
X Surface	e Water (A1)		X Water-Staine	ed Leaves (B	9)		Surface Soi	l Cracks (B6)
High W	/ater Table (A2)		Aquatic Faun	na (B13)			Drainage Pa	atterns (B10)
Saturat	tion (A3)		True Aquatic	Plants (B14))		Dry-Season	Water Table (C2)
Water	Marks (B1)		Hydrogen Su	lfide Odor (C	:1)		Crayfish Bu	rrows (C8)
Sedime	ent Deposits (B2)		Oxidized Rhi	zospheres or	n Living Roots	s (C3)	Saturation \	/isible on Aerial Imagery (C9)
Drift De	eposits (B3)		Presence of	Reduced Iror	n (C4)		Stunted or S	Stressed Plants (D1)
Algal M	lat or Crust (B4)		Recent Iron F	Reduction in	Tilled Soils (0	C6)	X Geomorphic	Position (D2)
Iron De	eposits (B5)		Thin Muck S	urface (C7)			X FAC-Neutra	l Test (D5)
Inunda	tion Visible on Aerial Im	nagery (B7)	Gauge or We	ell Data (D9)				
Sparse	ly Vegetated Concave	Surface (B8)	Other (Explai	in in Remark	s)			
Field Observ	vations:							
Surface Wat	er Present?	Yes X No	Depth (inches)	: 18"				
Water Table	Present?	Yes No 2	X Depth (inches)	: N/A				
Saturation P	resent?	Yes No 2	X Depth (inches)	: N/A	Wetland	Hydrolog	y Present?	Yes X No
(includes ca	pillary fringe)						-	
Describe Re	corded Data (stream g	auge, monitoring	well, aerial photos, pre	evious inspe	ctions), if ava	ilable:		
Remarks:								

Project/Site:	Pleasant Prairie					City/County	: Grove City/Frai	nklin		Sampling Date:	9/29/2020
Applicant/Owner:	Inenergy					State	: OH	Sampling Poir	nt:	dp107	7
Investigator(s):	C Renskers						Section, Townsh	nip, Range: <u>N/A</u>			
Landform (hillslope	e, terrace, etc.):	Summit					Loc	cal relief (concave, co	onvex, none): <u>n</u>	one	
Slope (%):	0%	Lat:	39.8812			Long:		-83.1788		Datum: NAD	083 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam,	0 to 2 percent slopes (k	ίο)						NWI classific	ation: <u>none</u>	e
Are climatic / hydro	ologic conditions on the site	e typical for this time of y	/ear?			Yes	X No	(If no, explain	in Remarks.)		
Are Vegetation	<u> </u>	Soil N	, or Hydrology	<u>N</u> 5	significantly dis	turbed?	Are "Norm	al Circumstances" pr	esent?	Yes X	_No
Are Vegetation	<u> </u>	Soil N	, or Hydrology	<u> </u>	naturally proble	matic?	(If needed	, explain any answers	s in Remarks.)		
SUMMARY OF	FINDINGS Attack	n site map showin	g sampling point l	ocations, tra	ansects, im	portant featur	res, etc.				
Hydrophytic Ve	egetation Present?		Yes	No	x	Is the	Sampled Ar	ea			
Hydric Soil Pre	sent?		Yes	No.	x	withir	n a Wetland?		Yes	No>	<u>×</u>
vvetland Hydro	logy Present?		Yes	. NC	X	_					
Remarks:											
l											
	Uso scientific na	mas of plants									
TECETATION					Absolute	Dominant	Indicator				
Tree Stratum (Plot	t size: 30' radius)				% Cover	Species?	Status	Dominance Test	worksheet:		
1											
2.								Number of Domin	ant Species		
3.								That Are OBL, FA	CW, or FAC:	0	(A)
4.											
5								Total Number of D	Dominant		
						= Total Cover		Species Across A	ll Strata:	1	(B)
Sapling/Shrub Stra	tum (Plot size: 15' radius)							Percent of Domina	ant Species		
1								That Are OBL, FA	CW, or FAC:	0%	(A/B)
2											
3											
4								Prevalence Index	worksheet:		
5.											
						= Total Cover		Total % (Cover of:	Mult	tiply by:
Llaub Christian (Dist	t simes (T) as dives)							That Are OBL, FAG	CW, or FAC:		A/B
Herb Stratum (Pio	t size: 5 radius)				700/	Mar				x1 =	
1. Glycine max					10%	Yes		FACW species		x2 =	
2. Giechoma neu	eracea				F0/			FAC species	150/	X3 =	0.60
					3%		FACU		70%	X4 =	2.50
4									85%		(B)
56								Column Totals.	0578	_(X)	4.10 (B)
7								Preva	lence Index - B	Δ -	1 82
8								11004		A	1.02
9											
10								Hydrophytic Vea	etation Indicato	ors:	
11.											
12.								1-Rapid	Test for Hvdronh	vtic Vegetation	
13.								2-Domin	ance Test is >50)%	
14.								3-Prevale	ence Index is ≤3	.0 ¹	
15.								4-Morpho	ological Adaptati	ons ¹ (Provide s	upporting
16.								data in F	Remarks or on a	separate sheet	t)
17.								Problem	atic Hydrophytic	Vegetation ¹ (E	, Explain)
18.										·	

18. 19. 20.	85%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			

SOIL

Denth	Matrix		Re	dov Features					
(inches)	Color (moist)	%	Color (moist)	%	Tvpe ¹	loc^2	Texture	Remarks	
0.4"		100		/0		LOC		Remarks	
0-4	101R 3/2						Loam		
4-18"	10YR 4/2						Loam		
	10YR 3/2	30							
¹ Type: C=C	oncentration, D=Deple	etion, RM=Red	uced Matrix, CS=Covere	ed or Coated	Sand Grains.	² Locatio	on: PL=Pore Lining	, M=Matrix.	
Hydric Soil I	ndicators ³ :					Test	Indicators of Hydr	ic Soils:	
Histoso	ol (A1)		Sandy Gley	ed Matrix (S4	.)		Iron-Manga	nese Masses (F12)	
Histic E	Epipedon (A2)		Sandy Redo	ox (S5)			Very Shallo	w Dark Surface (F22)	
Black H	listic (A3)		Stripped Ma	itrix (S6)			Other (Expl	ain in Remarks)	
Hydrog	en Sulfide (A4)		Dark Surfac	e (S7)					
Stratifie	ed Layers (A5)		Loamy Muc	ky Mineral (F	1)				
2 cm M	uck (ATU)	(111)	Loamy Gley	ea matrix (F2	<u>(</u>)				
	ea Below Dark Surface	e (ATT)	Depleted Ma	atrix (F3)			³ The buddle and t	diastors beve been undef	to
	Vark Surface (A12)		Redox Dark	Surface (F6)) =7)		i ne nyaric soil in	uicators have been updated	i0 Soile
Sandy I	Mucky Mineral (ST)	`		ark Suriace (F	-7)		in the United S	e Field Indicators of Hydric S	ons
	lucky Pear of Pear (55)		essions (Fo)			In the Onited S		
Restrictive L	.ayer (if observed):								
Type:						1 harded a	0 - 11 Due + 0	Mar Na	V
Deptil (i	nches).					пуштс	Soli Present?		^
emarks:									
Remarks: HYDROL(Wetland Hyd	OGY Irology Indicators:								
Remarks: HYDROL(Wetland Hyd Primary Indic	OGY Irology Indicators: cators (minimum of one	e is required: cl	heck all that apply)				Secondary Indica	tors (minimum of two require	d)
Aemarks: HYDROL(Wetland Hyd Primary Indic Surface	OGY Irology Indicators: cators (minimum of one Water (A1)	e is required: cl	heck all that apply)	ed Leaves (B	39)		Secondary Indica	tors (minimum of two require I Cracks (B6)	d)
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Project/Site:	Pleasant Prairie			City/County:	Grove City/Fram	hklin	Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy			State:	OH	Sampling Point:	dp108
Investigator(s):	C Renskers				Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope	, terrace, etc.): Summit				Loc	al relief (concave, convex, none)	: none
Slope (%):	0% Lat:	39.8794		Long:		-83.1773	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam, 0 to 2 percent slopes (Ko))				NWI clas	sification: PEM1A
Are climatic / hydro	logic conditions on the site typical for this time of ye	ear?		Yes	X No	(If no, explain in Remarks	.)
Are Vegetation	N, Soil N	, or Hydrology N	significantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	N, Soil N	, or Hydrology N	naturally probler	natic?	(If needed,	explain any answers in Remarks	5.)
SUMMARY OF	FINDINGS Attach site map showing	g sampling point locations	s, transects, imp	oortant featur	es, etc.		
Hydrophytic Ve	getation Present?	Yes	No <u>x</u>	Is the	Sampled Ar	ea	
Hydric Soil Pre	sent?	Yes	No <u>x</u>	within	a Wetland?	Yes	<u>No x</u>
Wetland Hydro	logy Present?	Yes	No <u>x</u>				
Remarks:							
	Use scientific names of plants.		Aba-lut-	Domin+	Indianter		
Tree Stratum (Plot	t size: 30' radius)		ADSOIUTE % Cover	Species?	Status	Dominance Test worksheet	
1						Dominance rest worksheet.	
2				·		Number of Dominant Species	
3				·,		That Are OBL FACW or FAC	- 0 (A)
4.						,,	(')
5.						Total Number of Dominant	
				= Total Cover		Species Across All Strata:	1 (B)
							()
Sapling/Shrub Stra	tum (Plot size: 15' radius)					Percent of Dominant Species	
1.	· · · · · · · · · · · · · · · · · · ·					That Are OBL, FACW, or FAC	: 0% (A/B)
2.							
3.							
4.						Prevalence Index worksheet:	
5.							
				= Total Cover		Total % Cover of:	Multiply by:
						That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plo	t size: 5' radius)	_				OBL species	x1 =
1. Glycine max			70%	Yes	UPL	FACW species	x2 =
2						FAC species	x3 =
3						FACU species	x4 =
4						UPL species 70%	x5 = 3.50
5				·		Column Totals: 70%	(A) <u>3.50</u> (B)
6				·			
7				·		Prevalence Index	= B/A =5.00
8							
9							
10						Hydrophytic Vegetation Indic	cators:
11							
12						1-Rapid Test for Hydr	ophytic Vegetation
13						2-Dominance Test is	>50%
14						3-Prevalence Index is	s ≤3.0 ¹
15						4-Morphological Adap	otations ¹ (Provide supporting
16						data in Remarks or o	on a separate sheet)
17						Problematic Hydroph	ytic Vegetation ¹ (Explain)
18.							

18 19 20	 tal Cover	Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1 2	 tal Cover	Hydrophytic Vegetation Present? YesNo_X
Remarks: (Include photo numbers here or on a separate sheet.)		

	iption: (Describe to t	ne depth nee	eded to document the i	ndicator or c	onfirm the a	bsence o	f indicators.)	
Depth	Matrix		Re	dox Features			_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-3"	10YR 3/2	100					Loam	
3-18"	10YR 3/2	97	10YR 4/4	3	С	m	Loam	
¹ Type: C=Co	ncentration, D=Deplet	ion, RM=Red	uced Matrix, CS=Covere	d or Coated	Sand Grains.	² Locat	ion: PL=Pore Lining	, M=Matrix.
Hydric Soil In	dicators ³ :	· · ·	· · · · ·			Tes	t Indicators of Hydi	ic Soils:
Histosol	(A1)		Sandy Gleye	ed Matrix (S4)		Iron-Manga	nese Masses (F12)
Histic Ep	oipedon (A2)		Sandy Redo	x (S5)			Very Shallo	w Dark Surface (F22)
Black Hi	stic (A3)		Stripped Ma	trix (S6)			Other (Expl	ain in Remarks)
Hydroge	n Sulfide (A4)		Dark Surfac	e (S7)				
Stratified	Layers (A5)		Loamy Mucl	ky Mineral (F	1)			
2 cm Mu	ick (A10) I Dalam Daria Orafaaa (Loamy Gley	ed Matrix (F2)			
Depleted	d Below Dark Surface (A11)	Depleted Ma	atrix (F3) Surface (F6)			³ The hydric cell in	diasters have been undeted to
Thick Da	lucky Mineral (S1)		Redux Dark	Sunace (FO)	7)		comply with th	e Field Indicators of Hydric Soils
5 cm Mu	icky Peat or Peat (S3)		Bedox Depr	essions (F8)	')		in the United S	States Version 8.0, 2016
O on ma								
Restrictive La	ayer (if observed):							
Depth (in	ches).					Hydric	Soil Present?	Yes No X
			•					
HYDROLC	OGY							
HYDROLC Wetland Hydr	OGY rology Indicators:							
HYDROLO Wetland Hydr Primary Indica	OGY rology Indicators: ators (minimum of one	is required: cl	heck all that apply)				Secondary Indica	tors (minimum of two required)
HYDROLC Wetland Hydr Primary Indica Surface	OGY rology Indicators: ators (minimum of one Water (A1)	is required: cl	heck all that apply) Water-Stain	ed Leaves (B	9)		Secondary Indica	tors (minimum of two required) il Cracks (B6)
HYDROLO Wetland Hydr Primary Indica Surface High Wa	OGY ology Indicators: ators (minimum of one Water (A1) ater Table (A2)	is required: cl	heck all that apply) Water-Stain Aquatic Fau	ed Leaves (B na (B13)			Secondary Indica Surface So Drainage P	tors (minimum of two required) I Cracks (B6) atterns (B10)
HYDROLO Wetland Hydr Primary Indica Surface High Wa Saturatio	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic	ed Leaves (B na (B13) c Plants (B14	9)		Secondary Indica Surface So Drainage P Dry-Seasor	tors (minimum of two required) il Cracks (B6) atterns (B10) i Water Table (C2)
HYDROLO Wetland Hydr Primary Indica Surface High Wa Saturatic Water M	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1)	is required: cl	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (0	9)) C1)		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	tors (minimum of two required) il Cracks (B6) atterns (B10) i Water Table (C2) rrows (C8)
HYDROLO Wetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) posits (B3)	is required: cl	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh	ed Leaves (B na (B13) c Plants (B14 ulfide Odor ((izospheres o	9)) C1) n Living Root	.s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation	tors (minimum of two required) Il Cracks (B6) atterns (B10) Il Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9)
HYDROLO Wetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep	DGY rology Indicators: ators (minimum of one Water (A1) ter Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) pt or Cruct (B4)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro	9)) C1) n Living Root n (C4) Tilled Soils ((C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation V Stunted or S	tors (minimum of two required) il Cracks (B6) atterns (B10) il Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	is required: cl	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduction in Surface (C7)	9)) C1) n Living Root n (C4) Tilled Soils (s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or S Geomorphi FAC-Neutra	tors (minimum of two required) il Cracks (B6) atterns (B10) 1 Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
HYDROLO Wetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Im	is required: cl	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduced Iro Reduction in Surface (C7) ell Data (D9)	9)) C1) n Living Root n (C4) Tilled Soils (s (C3) C6)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) Il Cracks (B6) atterns (B10) n Water Table (C2) rrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
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HYDROLO Wetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely Field Observa Surface Wate Water Table F Saturation Pre (includes capi Describe Rec	DGY rology Indicators: ators (minimum of one Water (A1) tter Table (A2) on (A3) larks (B1) nt Deposits (B2) bosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial Im- v Vegetated Concave S ations: r Present? Present? Present? esent? illary fringe) orded Data (stream ga	is required: cl agery (B7) Surface (B8) Yes No Yes No Yes No ruge, monitori	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla X Depth (inches X Depth (inches N Depth (inches	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduction in Surface (C7) ell Data (D9) ain in Remark	9) 21) n Living Root n (C4) Tilled Soils ((s) Wetlanc ctions), if ava	is (C3) C6)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation V Stunted or 3 Geomorphi FAC-Neutra	tors (minimum of two required) il Cracks (B6) atterns (B10) il Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)

Project/Site:	Pleasant Prairie		City/County: Gr	rove City/Franl	klin Sampling Date: 9/29/2020
Applicant/Owner:	Inenergy		State: OI	Н	Sampling Point: dp109
Investigator(s):	C Renskers		Sec	ction, Townshi	p, Range: N/A
Landform (hillslope	, terrace, etc.): Summit			Loca	al relief (concave, convex, none): none
Slope (%):	0% Lat: 39.8782		Long:		-83.178 Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam, 0 to 2 percent slopes (Ko)				NWI classification: PEM1A
Are climatic / hydro	logic conditions on the site typical for this time of year?		Yes X	No	(If no, explain in Remarks.)
Are Vegetation	N , Soil N , or Hydrology	N significantly dist	urbed?	Are "Norma	I Circumstances" present? Yes X No
Are Vegetation	N, Soil N, or Hydrology	N naturally probler	natic?	(If needed,	explain any answers in Remarks.)
SUMMARY OF	FINDINGS Attach site map showing sampling point loc	ations, transects, im	portant features	, etc.	
Hydrophytic Ve	getation Present? Yes	No <u>x</u>	Is the Sa	ampled Are	a
Hydric Soil Pre	sent? Yes	No <u>X</u>	within a	Wetland?	Yes NoX
Remarks:					
VEGETATION	Use scientific names of plants.				
		Absolute	Dominant	Indicator	
Tree Stratum (Plot	size: 30' radius)	% Cover	Species?	Status	Dominance Test worksheet:
1			·		
2					Number of Dominant Species
3					That Are OBL, FACW, or FAC: 0 (A)
4			·		Tatal Number of Deminent
5					
Sapling/Shrub Stra	tum (Plot size: 15' radius)				Percent of Dominant Species
1					That Are OBL_EACW or EAC ² 0% (A/B)
2.					(~~)
3.			·		
4.					Prevalence Index worksheet:
5.					
			= Total Cover		Total % Cover of: Multiply by:
					That Are OBL, FACW, or FAC: A/B
Herb Stratum (Plot	. size: 5' radius)				OBL species x1 =
1. Glycine max		80%	Yes	UPL	FACW species x2 =
2			· ·		FAC species x3 =
3					FACU species x4 =
4			·		UPL species 80% x5 = 4.00
5			·		Column Totals: 80% (A) 4.00 (B)
б					
/			· ·		Prevalence Index = B/A = 5.00
o			·		
9			·		Hydrophytic Vagetation Indicators:
11			·		
12					1-Rapid Test for Hydrophytic Vegetation
13					2-Dominance Test is >50%
14			·		$\frac{2}{3}$ -Prevalence Index is $\leq 3.0^{1}$
15.			·		4-Morphological Adaptations ¹ (Provide supporting
16.					data in Remarks or on a separate sheet)
17.			·		Problematic Hydrophytic Vegetation ¹ (Explain)
18.					—

18	80%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			

Profile Desc	ription: (Describe to t	he depth neede	d to document the ir	ndicator or c	onfirm the a	bsence o	f indicators.)	
Depth	Matrix		Red	dox Features			-	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-3"	10YR 3/2	100		<u> </u>			Loam	
3-18"	10YR 3/2	97	10YR 4/4	3	С	m	Loam	
				·	·			
					· ·			
¹ Type: C=C	oncentration, D=Deplet	ion, RM=Reduce	ed Matrix, CS=Covere	d or Coated S	Sand Grains.	² Locati	ion: PL=Pore Lining	, M=Matrix.
Hydric Soil I	ndicators ³ :		· · · · ·			Tes	t Indicators of Hydi	ric Soils:
Histoso	l (A1)		Sandy Gleye	ed Matrix (S4))		Iron-Manga	nese Masses (F12)
Histic E	pipedon (A2)		Sandy Redo	x (S5)			Very Shallo	w Dark Surface (F22)
Black H	istic (A3)		Stripped Ma	trix (S6)			Other (Expl	ain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surface	e (S7)				
Stratifie	d Layers (A5)		Loamy Muck	ky Mineral (F1)			
2 cm M	uck (A10)		Loamy Gleye	ed Matrix (F2)			
Deplete	d Below Dark Surface	A11)	Depleted Ma	atrix (F3)			3	
Thick D	ark Surface (A12)		Redox Dark	Surface (F6)	7)		"The hydric soil in	dicators have been updated to
Sanuy I	ucky Peat or Peat (S3)		Depieted Da	irk Suriace (F	1)		in the United S	States Version 8.0, 2016
Restrictive L	ayer (if observed):							
Type:	nches):					Hydric	Soil Present?	Ves No Y
Deptil (il	ienes).					inyune	oon riesent:	
HYDROL	DGY							
Wetland Hyd	rology Indicators:							
Primary Indic	ators (minimum of one	is required: cheo	ck all that apply)				Secondary Indica	tors (minimum of two required)
Surface	Water (A1)		Water-Staine	ed Leaves (B	9)		Surface So	il Cracks (B6)
High W	ater Table (A2)		Aquatic Fau	na (B13)			Drainage P	atterns (B10)
Saturat	on (A3)		True Aquatio	Plants (B14)		Dry-Seasor	n Water Table (C2)
Water N	/arks (B1)		Hydrogen Su	ulfide Odor (C) 	(00)	Crayfish Bu	irrows (C8)
Sedime	nt Deposits (B2)			Izospheres of	n Living Root	s (C3)	Saturation Stunted or St	Visible on Aerial Imagery (C9)
	posits (B3)		Presence of		Tilled Ceile ((
	at or Crust (B4)		Recent Iron	Reduction in	Tilled Solis (G	-0)		c Position (D2)
	ion Visible on Aorial Im	agony (B7)	Gauge or W	oll Data $(D0)$				
Sparsel	v Vegetated Concave S	Surface (B8)	Other (Expla	in in Remark	s)			
		(20)	0 (2					
Field Observ	ations:		C Dopth (inchos)- N/A				
Water Table	Present?	Yes No 2	C Depth (inches): N/A				
Saturation P	resent?	Yes No	C Depth (inches): N/A	Wetland	l Hvdrolo	av Present?	Yes No X
(includes cap	pillary fringe)					,	3)	
Describe Re	corded Data (stream ga	uge, monitoring	well, aerial photos, pr	evious inspe	ctions), if ava	ilable:		
Remarks:								

Project/Site:	Pleasant Prairie				City/County	: Galloway/Frank	klin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	: OH	Sampling Point:	dp110
Investigator(s):	C Renskers					Section, Townsh	nip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Summit				Loc	cal relief (concave, convex, none): <u> </u>	none
Slope (%):	0%	Lat:	39.9096		Long:		-83.1804	Datum: NAD83 UTM16N
Soil Map Unit Name	: Kokomo silty clay loa	m, 0 to 2 percent slopes (Ko)					NWI classif	ication: none
Are climatic / hydrol	ogic conditions on the	site typical for this time of yea	ar?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology N	significantly dis	sturbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally proble	ematic?	(If needed	, explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ch site map showing	sampling point location	ns, transects, im	portant featur	res, etc.		
Hydrophytic Ve	getation Present?		Yes <u>x</u>	No	_ Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes	No <u>x</u>	withir	n a Wetland?	Yes	No <u></u>
	ogy Fresent?		165		_			
Remarks:								
VEGETATION	Use scientific n	ames of plants.						
		•		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1								
2							Number of Dominant Species	
3							That Are OBL, FACW, or FAC:	2 (A)
4								
5							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	(B)
Sonling/Shrub Strat	um (Diat aiza: 15' radiu	10)					Dercent of Dominant Creation	
Sapling/Shrub Strat	um (Plot size. 15 fadit						That Are OPL EACW or EAC:	100% (A/P)
2							That Are ODE, FACW, OF FAC.	(A/B)
3								
4							Prevalence Index worksheet:	
5.								
					= Total Cover		Total % Cover of:	Multiply by:
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)		_				OBL species	x1 =
1. Setaria glauca				50%	Yes	FAC	FACW species 70%	x2 = 1.40
2. Panicum dichot	omiflorum			50%	Yes	FACW	FAC species 50%	x3 = 1.50
3. Persicaria mac	ulosa			20%	No	FACW	FACU species	x4 =
4							UPL species	x5 =
5							Column Totals: 120%	(A) <u>2.90</u> (B)
6								
7							Prevalence Index = E	B/A =
8								
9							I hadnon ha tin Manatation Indian	
10							Hydrophytic vegetation indicat	tors:
12							1-Rapid Test for Hydror	hytic Vegetation
13							X 2-Dominance Test is SP	50%
14.							3-Prevalence Index is ≤	:3.0 ¹
15.							4-Morphological Adapta	ations ¹ (Provide supporting
16.							data in Remarks or on	a separate sheet)
17.							Problematic Hydrophyt	ic Vegetation ¹ (Explain)
18.								
19.							¹ Indicators of hydric soil and wet	and hydrology must
20.							be present, unless disturbed or p	problematic.
				120%	= Total Cover		ĺ	
·								
Woody Vine Stratur	n (Plot size: 30' radius	3)					Hydrophytic	
1							Vegetation	
2							Present? Yes	X No
					= Total Cover		-	
Remarks: (Include	photo numbers here or	on a separate sheet.)						
mowed								

Profile Desc	ription: (Describe to	the depth needed	to document the in	dicator or co	onfirm the al	osence of	indicators.)		
Depth	Matrix		Red	ox Features	4				
(inches)	Color (moist)	%	Color (moist)	%	Туре	Loc ²	Texture	Remarks	
0-8"	10YR 2/2	100					Loam		
8-18"	10YR 3/2	100					Clay Loam		
· ·									
·									
1 Type: C=C	oncentration D-Denk		Matrix CS-Covered	d or Costed S	and Grains		n: PI - Pore Lining	M-Matrix	
Hydric Soil I	ndicators ³					Test	Indicators of Hvdr		
Histoso	l (A1)		Sandy Gleve	d Matrix (S4)			Iron-Mangar	nese Masses (F12)	
Histic E	pipedon (A2)		Sandy Redox	(S5)			Verv Shallov	w Dark Surface (F22)	
Black H	listic (A3)		Stripped Mat	rix (S6)			Other (Expla	ain in Remarks)	
Hydroge	en Sulfide (A4)		Dark Surface	(S7)				7	
Stratifie	d Layers (A5)		Loamy Muck	y Mineral (F1)				
2 cm M	uck (A10)		Loamy Gleve	d Matrix (F2)	-				
Deplete	d Below Dark Surface	e (A11)	Depleted Mat	trix (F3)					
Thick D	ark Surface (A12)		Redox Dark S	Surface (F6)			³ The hydric soil in	dicators have been updated to	
Sandy N	Mucky Mineral (S1)		Depleted Dar	k Surface (F	7)		comply with the	e Field Indicators of Hydric Soil	s
5 cm M	ucky Peat or Peat (S3)	Redox Depre	ssions (F8)			in the United S	tates, Version 8.0, 2016.	
Restrictive L	aver (if observed):								
Type:	,								
Depth (ii	nches):					Hydric \$	Soil Present?	Yes No	х
Domorko									
HYDROL	DGY								
Wetland Hyd	rology Indicators:								
Primary Indic	ators (minimum of on	e is required: check	all that apply)				Secondary Indicat	ors (minimum of two required)	
Surface	Water (A1)	•	Water-Staine	d Leaves (B9	9)		Surface Soi	I Cracks (B6)	
High W	ater Table (A2)		Aquatic Faun	ia (B13)			Drainage Pa	atterns (B10)	
Saturati	ion (A3)		True Aquatic	Plants (B14)			Dry-Season	Water Table (C2)	
Water N	/larks (B1)		Hydrogen Su	lfide Odor (C	1)		Crayfish Bu	rrows (C8)	
Sedime	nt Deposits (B2)		Oxidized Rhi	zospheres on	Living Roots	s (C3)	Saturation V	/isible on Aerial Imagery (C9)	
Drift De	posits (B3)		Presence of I	Reduced Iron	(C4)		Stunted or S	Stressed Plants (D1)	
Algal M	at or Crust (B4)		Recent Iron F	Reduction in T	Filled Soils (C	C6)	Geomorphic	Position (D2)	
Iron De	posits (B5)		Thin Muck Su	urface (C7)			X FAC-Neutra	l Test (D5)	
Inundat	ion Visible on Aerial I	magery (B7)	Gauge or We	ell Data (D9)					
Sparsel	y Vegetated Concave	Surface (B8)	Other (Explai	n in Remarks	s)				
Field Observ	ations:								
Surface Wate	er Present?	Yes No X	Depth (inches)	: N/A					
Water Table	Present?	Yes No X	Depth (inches)	: N/A					
Saturation Pr	resent?	Yes No X	Depth (inches)	: N/A	Wetland	Hydrolog	y Present?	Yes No	Х
(includes cap	oillary fringe)								
Describe Re	corded Data (stream g	gauge, monitoring w	ell, aerial photos, pre	evious inspec	tions), if avai	ilable:			
Remarks:									

Project/Site:	Pleasant Prairie						City/County	: Galloway/Frank	lin	Sampling Date: <u>9/30/2020</u>
Applicant/Owner:	Inenergy						State	: OH	Sampling Point:	dp111
Investigator(s):	C Renskers							Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	S	ummit					Loc	al relief (concave, convex, none): <u>r</u>	ione
Slope (%):	0%	Lat:		39.9116			Long:		-83.1764	Datum: NAD83 UTM16N
Soil Map Unit Name	e: Westland silty clay lo	oam, Southern	Ohio Till Plain, 0	to 2 percent slopes (V	Nt)				NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical for	this time of year	?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	Ν	, Soil	Ν	, or Hydrology	N s	significantly distu	- Irbed?	Are "Norma	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	Ν	, or Hydrology	N I	naturally problem	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Att	ach site ma	p showing s	ampling point lo	ocations. tra	ansects. imp	ortant featur	res. etc.		
Hydrophytic Ve	netation Present?			Yes x	No)	Is the	Sampled Are	<u>a</u> a	
Hvdric Soil Pres	sent?			Yes X	No	,)	within	a Wetland?	Yes	No X
Wetland Hydrol	ogy Present?			Yes	No	» — х	-			
Remarks:										
	Use scientific	names of p	lants.							
						Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)					% Cover	Species?	Status	Dominance Test worksheet:	
1										
2.									Number of Dominant Species	
3.									That Are OBL, FACW, or FAC:	2 (A)
4.										
5.									Total Number of Dominant	
							= Total Cover		Species Across All Strata:	3 (B)
Sapling/Shrub Strat	um (Plot size: 15' rad	ius)							Percent of Dominant Species	
1.	、	,							That Are OBL, FACW, or FAC:	67% (A/B)
2									- , - , -	
3										
4									Prevalence Index worksheet	
5									r revalence index worksheet.	
0.									Total % Cover of	Multiply by
									That Are OBL_EACW_or_EAC	A/B
Herb Stratum (Plot	size: 5' radius)								OBL species	x1 =
1 Rumex crispus						35%	Ves	FAC	EACW species 43%	$x^2 = 0.86$
2 Panicum dichot	omiflorum					20%	Ves	FACW	FAC species 35%	x2 = 0.00
3 Trifolium repens						20%	Yos	EACU	EACLI species 23%	×0 = 1.00
A Persicaria maci						10%	No	EACW/	LIPL species 23%	x4 = 0.32
F. Hibioous triopur	m					10%	No		Column Totolo: 1110/	(A) 2.22 (P)
6 Boroioaria popo	n www.conico					10%	No			(A)(B)
0. Persicana peris	yivanica					10%	N		Drevelance Index - F	2.00
7. Phalans arunun						3%	N			5/A =
8. Schedonorus al	rundinaceus					3%	INO	FACU		
9										
10									Hydrophytic Vegetation Indicat	ors:
11										
12									1-Rapid Test for Hydrop	hytic Vegetation
13									X 2-Dominance Test is >5	0%
14									3-Prevalence Index is ≤	3.0
15									4-Morphological Adapta	tions' (Provide supporting
16									data in Remarks or on	a separate sheet)
17									Problematic Hydrophyti	c Vegetation ¹ (Explain)
18										
19.									¹ Indicators of hydric soil and wetl	and hydrology must
20									be present, unless disturbed or p	roblematic.
						111%	= Total Cover			
Woody Vine Stratur	<u>m</u> (Plot size: 30' radiu	s)							Hydrophytic	
1.		_							Vegetation	
2.									Present? Yes	X No
							= Total Cover			— —
Remarks: (Include	photo numbers here o	r on a senarate	e sheet)							
mowed		a soparate								

SOIL

Deptin	Motrix	doptil noodo	Po	day Easturas				
(inchoo)		0/.	Color (moint)		Type ¹		- Toyturo	Pomorko
(incries)		<u> </u>		70	туре	LOC	Texture	Remarks
0-3"	10YR 3/2	97	10YR 4/4	3	C	m	Clay Loam	
3-18"	10YR 4/1	95	10YR 4/4	5	С	m	Clay Loam	
				• <u> </u>				
				·				
¹ Type: C=0	Concentration, D=Depletion	, RM=Reduce	d Matrix, CS=Covere	d or Coated	Sand Grains.	² Locat	ion: PL=Pore Lining	, M=Matrix.
lydric Soil	Indicators ³ :					Tes	t Indicators of Hydr	ic Soils:
Histos	ol (A1)		Sandy Gleye	ed Matrix (S4))		Iron-Manga	nese Masses (F12)
Histic I	Epipedon (A2)		Sandy Redo	x (S5)			Very Shallo	w Dark Surface (F22)
Black I	Histic (A3)		Stripped Ma	trix (S6)			Other (Expl	ain in Remarks)
Hydrog	gen Sulfide (A4)		Dark Surface	e (S7)				
Stratifi	ed Layers (A5)		Loamy Much	ky Mineral (F1	1)			
2 cm N	/luck (A10)		Loamy Gley	ed Matrix (F2)			
X Deplet	ed Below Dark Surface (A1	1)	X Depleted Ma	atrix (F3)				
Thick I	Dark Surface (A12)		Redox Dark	Surface (F6)			³ The hydric soil in	dicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Da	ark Surface (F	7)		comply with the	e Field Indicators of Hydric Soils
5 cm N	/lucky Peat or Peat (S3)		Redox Depr	essions (F8)			in the United S	States , Version 8.0, 2016.
estrictive	Layer (if observed):							
Type:								
Depth ((inches):					Hydric	Soil Present?	Yes <u>X</u> No
YDROL	0.01/							
Vetland Hy	.OGY drology Indicators:							
Vetland Hy Primary Indi	.OGY drology Indicators: icators (minimum of one is r	required: chec	k all that apply)				Secondary Indica	tors (minimum of two required)
Vetland Hy Primary Indi Surfac	.OGY drology Indicators: icators (minimum of one is r æ Water (A1)	required: chec	k all that apply) Water-Stain	ed Leaves (B	9)		Secondary Indica	tors (minimum of two required) I Cracks (B6)
Primary Indi Surfac High V	OGY drology Indicators: icators (minimum of one is r e Water (A1) Vater Table (A2)	required: chec	k all that apply) Water-Stain Aquatic Fau	ed Leaves (B na (B13)	9)		Secondary Indica Surface Soi Drainage Pa	tors (minimum of two required) I Cracks (B6) atterns (B10)
Primary Indi Primary Indi Surfac High V Satura	.OGY drology Indicators: icators (minimum of one is r æ Water (A1) Vater Table (A2) titon (A3)	required: chec	k all that apply) Water-Stain Aquatic Fau True Aquatic	ed Leaves (B na (B13) c Plants (B14	9)		Secondary Indica Surface Soi Drainage Pa Dry-Season	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2)
Primary Indi Primary Indi Surfac High V Satura Water	OGY drology Indicators: icators (minimum of one is r te Water (A1) Vater Table (A2) tion (A3) Marks (B1)	required: chec	k all that apply) Water-Stain Aquatic Fau True Aquatio Hydrogen Si	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C	9)))1)		Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8)
Vetland Hy Primary Indi Surfac High V Satura Water Sedim	OGY drology Indicators: icators (minimum of one is r e Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2)	required: chec	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o	9)) ;1) n Living Root	ts (C3)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation N	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9)
Primary Indi Surfac High V Satura Water Sedim Drift D	OGY drology Indicators: icators (minimum of one is r e Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3)	required: chec	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron	9)) 21) n Living Root	ts (C3)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1)
Vetland Hy Primary Indi Surfac High V Satura Water Sedim Drift D Algal N	OGY drology Indicators: icators (minimum of one is r e Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4)	required: chec	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen So Oxidized Rh Presence of Recent Iron	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduceton in	9)))1) n Living Root n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2)
Vetland Hy Primary Indi Surfac High V Satura Water Sedim Drift D Algal N	OGY drology Indicators: icators (minimum of one is r ie Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5)	required: chec	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron Reduced Iron Surface (C7)	9)) 1) n Living Roof n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) I Test (D5)
Primary Indi Surfac High W Satura Water Sedim Drift D Algal M Iron De Inunda	OGY drology Indicators: icators (minimum of one is r e Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Image	required: chec	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron Reduction in Gurface (C7) ell Data (D9)	9)) c1) n Living Root n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)
/etiand Hy Primary Indi Surfac High V Satura Water Sedim Drift D Algal M Iron De Inunda Sparse	OGY drology Indicators: icators (minimum of one is r e Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Image	ery (B7) face (B8)	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen So Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduced Iro Reduction in Surface (C7) ell Data (D9) ain in Remark	9)) 21) n Living Roof n (C4) Tilled Soils (s)	ts (C3) C6)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)
Vetland Hy Primary Indi Surfac High W Satura Water Sedim Drift D Algal N Iron De Inunda Sparse ield Obser	OGY drology Indicators: icators (minimum of one is r ie Water (A1) Vater Table (A2) ttion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Image ely Vegetated Concave Surf vations:	ery (B7) face (B8)	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron Reduction in Surface (C7) ell Data (D9) ain in Remark	9)) n Living Root n (C4) Tilled Soils (s)	ts (C3) C6)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)
Vetland Hy Primary Indi Surfac High V Satura Water Sedim Drift D Algal M Iron De Inunda Sparse Surface Wa	OGY drology Indicators: icators (minimum of one is r ice Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Image ely Vegetated Concave Surf vations: ter Present? Ye	equired: chec ery (B7) face (B8)	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen St Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron Reduction in Gurface (C7) ell Data (D9) ain in Remark	9)) 21) n Living Roof n (C4) Tilled Soils (s)	ts (C3) C6)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)
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Vetland Hy Primary Indi Surfac High W Satura Water Sedim Drift D Algal N Iron De Inunda Sparse Surface Wa Nater Table Saturation F	OGY drology Indicators: icators (minimum of one is r ie Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Image ely Vegetated Concave Surf vations: ter Present? Ye Present? Ye	ery (B7) face (B8) sNoX sNoX	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla Depth (inches Depth (inches	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduced Iro Reduction in Surface (C7) ell Data (D9) ain in Remark	9) 21) n Living Roof n (C4) Tilled Soils (s) Wetland	ts (C3) C6)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation N Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) al Test (D5)
Vetland Hy Primary Indi Surfac High W Satura Water Sedim Drift D Algal N Iron De Inunda Sparse Surface Wa Vater Table Saturation F includes ca	OGY drology Indicators: icators (minimum of one is r ie Water (A1) Vater Table (A2) tion (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Image ely Vegetated Concave Surf vations: ter Present? Ye Present? Ye apillary fringe)	required: chec ery (B7) face (B8) s No s No s No	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron Reduction in Surface (C7) ell Data (D9) ain in Remark	9) 21) n Living Roof n (C4) Tilled Soils (s) Wetland	ts (C3) C6)	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation N Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) Il Test (D5)
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Vetland Hy Primary Indi Surfac High W Satura Water Sedim Drift D Algal N Iron De Inunda Sparse Surface Wa Nater Table Saturation F <u>includes ca</u> Describe Re	OGY drology Indicators: icators (minimum of one is r ie Water (A1) Vater Table (A2) tition (A3) Marks (B1) ent Deposits (B2) eposits (B3) Mat or Crust (B4) eposits (B5) ation Visible on Aerial Image ely Vegetated Concave Surf vations: ter Present? Ye Present? Ye Present? Ye apillary fringe) ecorded Data (stream gauge	required: chec ery (B7) face (B8) s No X s No X e, monitoring t	k all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen Si Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla C Depth (inches Depth (inches Depth (inches Depth (inches	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iron Reduction in Surface (C7) ell Data (D9) ain in Remark	9)) 21) n Living Roof n (C4) Tilled Soils (s) Wetland ctions), if ava	ts (C3) C6) d Hydrolo	Secondary Indica Surface Soi Drainage Pa Dry-Season Crayfish Bu Saturation V Stunted or S Geomorphic FAC-Neutra	tors (minimum of two required) I Cracks (B6) atterns (B10) I Water Table (C2) rrows (C8) /isible on Aerial Imagery (C9) Stressed Plants (D1) c Position (D2) I Test (D5) Yes <u>No X</u>
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Project/Site:	Pleasant Prairie						City/County	: Galloway/Frank	lin	Sampling Date: <u>9/30/2020</u>
Applicant/Owner:	Inenergy						State	: OH	Sampling Point:	dp112
Investigator(s):	C Renskers							Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Summi	it					Loc	al relief (concave, convex, none): <u>r</u>	none
Slope (%):	0%	Lat:		39.9093		Lo	ng:		-83.1764	Datum: NAD83 UTM16N
Soil Map Unit Name	: Westland silty clay lo	am, Southern Ohio	Till Plain, 0 to 2 per	cent slopes (Wt)					NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical for this t	time of year?				Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil	N , or Hy	drology N	significant	y disturbed'	?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil	N , or Hy	drology N	naturally p	roblematic?		(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map s	howing sampli	ng point locatio	ns, transects	, importa	int featur	res, etc.		
Hydrophytic Veg	getation Present?		Yes		No x		Is the	Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes		No x		withir	n a Wetland?	Yes	<u>No x</u>
Wetland Hydrol	ogy Present?		Yes_		No <u>x</u>					
VEGETATION -	Use scientific r	names of plant	S.		Absol	ute D	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Co	/er S	Species?	Status	Dominance Test worksheet:	
1										
2										4 (A)
3									That Are UBL, FACW, or FAC:	<u> </u>
5 ^{4.}									Total Number of Dominant	
J						- Tot	al Covor			2 (P)
						- 101			opecies Across Air Strata.	(b)
Sapling/Shrub Strat	um (Plot size: 15' radi	us)							Percent of Dominant Species	
1	<u>um</u> (11010120: 10 1001								That Are OBL_EACW_or EAC:	50% (A/B)
2										
3.										
4.									Prevalence Index worksheet:	
5.								·		
						= Tot	al Cover		Total % Cover of:	Multiply by:
									That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)								OBL species 3%	x1 = 0.03
1. Digitaria ischael	тит				35%	b	Yes	FACU	FACW species 23%	x2 = 0.46
2. Persicaria macu	ılosa				20%	<u> </u>	Yes	FACW	FAC species 10%	x3 = 0.30
3. Digitaria sangui	nalis				5%		No	FACU	FACU species 43%	x4 = 1.72
4. Setaria glauca					5%		No	FAC	UPL species	x5 =
5. Poa pratensis					5%		No	FAC	Column Totals: 79%	(A) 2.51 (B)
6. Echinochloa cru	ıs-galli						No	FACW		
7. Amaranthus tub	erculatus						No	OBL	Prevalence Index = E	3/A = 3.18
8. Trifolium repens	3						No	FACU		
9										
10									Hydrophytic Vegetation Indicat	ors:
11										
12									1-Rapid Test for Hydrop	ohytic Vegetation
13									2-Dominance Test is >5	00% 2 0 ¹
14									J-rievalence index is ≤	u.u tions ¹ (Provide supporting
15										
17									Data in Remarks or on	a separate sneet) ic Vegetation ¹ (Explain)
19										u vogetation (∟∧pialit)
10									¹ Indicators of hydric soil and wet	and hydrology must
20									he present unless disturbed	
<u> </u>					700		al Cover		De present, unless disturbed of p	
					79%	, – 10				
Woody Vine Stratum	n (Plot size: 30' radiu	s)							Hydrophytic	
	<u></u> (1.100.3120. 00 Taulu								Venetation	
2.									Present? Yes	No X
-·						= Tot	al Cover			
Remarks: (Include)	photo numbers here o	r on a separate she	et.)						1	
mowed			,							

(inches)	Matula		р	lov East				
(incries)	Matrix	0/	Color (moiot)			1 aa ²	Toyturo	Pomorko
0.0"		<u>%</u>	Color (moist)	%	Туре	LOC		Remarks
0-2	7.5YR 3/3	100			<u> </u>		Silt Loam	
2-18"	10YR 2/2	100			·		Loam	
<u> </u>								
<u> </u>								
¹ Type: C=Co	oncentration, D=Depletion	, RM=Reduced	Matrix, CS=Covere	d or Coated S	and Grains.	² Locatio	on: PL=Pore Lining,	M=Matrix.
Hydric Soil Ir	ndicators ³ :		· · ·			Test	Indicators of Hydri	ic Soils:
Histosol	(A1)		Sandy Gleye	d Matrix (S4)			Iron-Mangar	nese Masses (F12)
Histic E	pipedon (A2)		Sandy Redox	x (S5)			Very Shallow	v Dark Surface (F22)
Black Hi	istic (A3)		Stripped Mat	rix (S6)			Other (Expla	ain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surface	e (S7)				
Stratified	d Layers (A5)		Loamy Muck	y Mineral (F1)			
2 cm Mu	uck (A10)		Loamy Gleye	ed Matrix (F2)				
Depleted	d Below Dark Surface (A1	1)	Depleted Ma	trix (F3)				
Thick Da	ark Surface (A12)		Redox Dark	Surface (F6)			³ The hydric soil inc	dicators have been updated to
Sandy M	lucky Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with the	e Field Indicators of Hydric Soils
5 cm Mı	ucky Peat or Peat (S3)		Redox Depre	essions (F8)			in the United S	<i>tates</i> , Version 8.0, 2016.
Restrictive La	ayer (if observed):							
Туре:								
Depth (ir	nches):					Hydric	Soil Present?	Yes NoX
HYDROLC	DGY							
HYDROLC Wetland Hydr Primary Indica	DGY rology Indicators: ators (minimum of one is i	required: check	all that apply)				Secondary Indicat	ors (minimum of two required)
HYDROLC Wetland Hydr Primary Indica Surface	DGY rology Indicators: ators (minimum of one is Water (A1)	required: check	all that apply) Water-Staine	ed Leaves (B	9)		Secondary Indicat	ors (minimum of two required) Cracks (B6)
HYDROLC Wetland Hydi Primary Indica Surface High Wa	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2)	required: check	all that apply) Water-Staine Aquatic Faur	ed Leaves (Bs	9)		Secondary Indicat	ors (minimum of two required) Cracks (B6) atterns (B10)
HYDROLC Wetland Hydr Primary Indica Surface High Wa Saturatio	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3)	required: check	all that apply) Water-Staine Aquatic Faur True Aquatic	ed Leaves (Bs na (B13) : Plants (B14)	9)		Secondary Indicat Surface Soil Drainage Pa Dry-Season	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2)
HYDROLC Wetland Hydr Primary Indic: Surface High Wa Saturatio Water M	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) farks (B1)	required: check	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su	ed Leaves (Bs na (B13) : Plants (B14) Ilfide Odor (C	9)		Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rows (C8)
HYDROLC Wetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2)	required: check	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi	ed Leaves (B na (B13) Plants (B14) Ilfide Odor (C zospheres or	9) 1) 1 Living Roots	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) 'isible on Aerial Imagery (C9)
HYDROL(Wetland Hydr Primary Indic: Surface High Wa Saturatio Water M Sedimer Drift Dep	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3)	required: check	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of	ed Leaves (B na (B13) Plants (B14) Ifide Odor (C zospheres or Reduced Iror	9) 1) 1 Living Roots 1 (C4)	s (C3)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rows (C8) 'isible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROL(Wetland Hydr Primary Indic: Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	required: check	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron F	ed Leaves (B na (B13) Plants (B14) Iffide Odor (C zospheres or Reduced Iror Reducetion in	9) 1) 1 Living Roots 1 (C4) Tilled Soils ((s (C3) C6)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) l'isible on Aerial Imagery (C9) atressed Plants (D1)
HYDROL(Wetland Hydr Primary Indic: Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep	DGY rology Indicators: ators (minimum of one is a Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	required: check	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron F Thin Muck S	ed Leaves (Bs na (B13) Plants (B14) Ilfide Odor (C zospheres or Reduced Iror Reduced Iror Reduction in ⁻ urface (C7)	9) 1) 1 Living Root: 1 (C4) Tilled Soils ((s (C3) C6)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic FAC-Neutral	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rows (C8) 'isible on Aerial Imagery (C9) Stressed Plants (D1) : Position (D2) I Test (D5)
HYDROL(Wetland Hydr Primary Indica Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image	required: check	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I Thin Muck S Gauge or We	ed Leaves (BS na (B13) Plants (B14) Ilfide Odor (C zospheres or Reduced Iror Reduced Iror Reduction in ⁻ urface (C7) ell Data (D9)	9) 1) 1 Living Root: 1 (C4) Tilled Soils (C	s (C3) C6)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic FAC-Neutral	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rows (C8) fisible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
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HYDROL(Wetland Hydr Primary Indica Surface High Wa Saturativ Water N Sedimer Drift Der Algal Ma Iron Der Inundati Sparsely Field Observa	DGY rology Indicators: ators (minimum of one is in Water (A1) ater Table (A2) on (A3) Marks (B1) Int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image y Vegetated Concave Sur ations:	required: check ery (B7) face (B8)	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I Thin Muck S Gauge or We Other (Expla	ed Leaves (B na (B13) Plants (B14) Ifide Odor (C zospheres or Reduced Iror Reduced Iror Reduction in urface (C7) ell Data (D9) in in Remarks	9) 1) 1 Living Root: 1 (C4) Tilled Soils (C	s (C3) C6)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic FAC-Neutral	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) 'isible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
HYDROLC Wetland Hyd Primary Indic: Surface High Wa Saturativ Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Observa Surface Wate	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image y Vegetated Concave Sur ations: er Present? Ye	required: check ery (B7) face (B8)	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I Thin Muck S Gauge or We Other (Expla	ed Leaves (BS na (B13) Plants (B14) Ilfide Odor (C zospheres or Reduced Iror Reduction in Reduction in Reduction in urface (C7) ell Data (D9) in in Remarks	9) 1) 1 Living Roots 1 (C4) Tilled Soils (C	s (C3) C6)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic FAC-Neutral	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rows (C8) fisible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5)
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HYDROL(Wetland Hyd Primary Indic: Surface High Wa Saturatio Water N Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Observa Surface Water Vater Table I Saturation Pro-	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image y Vegetated Concave Sur ations: er Present? Ye Present? Ye esent? Ye	required: check ery (B7) face (B8) es NoX es NoX es NoX	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron R Thin Muck S Gauge or We Other (Expla	ed Leaves (B na (B13) Plants (B14) Ifide Odor (C zospheres or Reduced Iror Reduction in urface (C7) ell Data (D9) in in Remarks): <u>N/A</u>): <u>N/A</u>	9) 1) 1 Living Roots 1 (C4) Tilled Soils (C s) Wetland	s (C3) C6)	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic FAC-Neutral	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rrows (C8) 'isible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5) Yes NoX
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HYDROLC Wetland Hyd Primary Indic. Surface High Wa Saturatio Water N Sedimer Drift Der Algal Ma Iron Der Inundati Sparsely Field Observa Surface Water Water Table I Saturation Pro- (includes cap Describe Rec	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image y Vegetated Concave Sur ations: er Present? Ye esent? Ye esent? Ye esent? Ye illary fringe) porded Data (stream gauge	required: check ery (B7) face (B8) esNoX esNoX e, monitoring w	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I Thin Muck S Gauge or We Other (Expla	ed Leaves (BS na (B13) Plants (B14) Ilfide Odor (C zospheres or Reduced Iror Reduced Iror Reduction in urface (C7) ell Data (D9) in in Remarks): N/A): N/A): N/A evious inspec	 a) 1) a Living Roots b (C4) Tilled Soils (C b) Wetland ctions), if ava 	s (C3) C6) I Hydrolog ilable:	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic FAC-Neutrat	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rows (C8) 'isible on Aerial Imagery (C9) Stressed Plants (D1) Position (D2) I Test (D5) Yes NoX
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HYDROLC Wetland Hyd Primary Indic Surface High Wa Saturatio Water N Sedimer Drift Der Algal Ma Iron Der Inundati Sparsely Field Observa Surface Water Vater Table I Saturation Pro- (includes cap Describe Reco	DGY rology Indicators: ators (minimum of one is Water (A1) ater Table (A2) on (A3) larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial Image y Vegetated Concave Sur ations: er Present? Ye esent? Ye esent? Ye esent? Ye illary fringe) corded Data (stream gaug	required: check ery (B7) face (B8) esNoX esNoX e, monitoring w	all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of Recent Iron I Thin Muck S Gauge or We Other (Expla	ed Leaves (BS ha (B13) Plants (B14) Ilfide Odor (C zospheres or Reduced Iror Reduced Iror Reduction in ⁻ urface (C7) ell Data (D9) in in Remarks): <u>N/A</u>): <u>N/A</u> evious inspec	9) 1) 1 Living Roots (C4) Tilled Soils (C s) Wetland stions), if ava	s (C3) C6) Hydrolog	Secondary Indicat Surface Soil Drainage Pa Dry-Season Crayfish Bur Saturation V Stunted or S Geomorphic FAC-Neutral	ors (minimum of two required) Cracks (B6) atterns (B10) Water Table (C2) rows (C8) fisible on Aerial Imagery (C9) stressed Plants (D1) Position (D2) I Test (D5)
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Project/Site:	Pleasant Prairie					City/County:	Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy					State	OH	Sampling Point:	dp113
Investigator(s):	C Renskers						Section, Townsh	iip, Range: N/A	
Landform (hillslope	e, terrace, etc.):	Summit					Loc	al relief (concave, convex, nor	e): none
Slope (%):	0%	Lat:	39.9069			Long:		-83.1818	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loa	m, 0 to 2 percent slopes (Ko)					NWI cla	assification: <u>PEM1C</u>
Are climatic / hydro	ologic conditions on the	site typical for this time of ye	ear?			Yes	X No	(If no, explain in Remar	ks.)
Are Vegetation	N	, Soil N	, or Hydrology	N si	ignificantly dist	urbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	N	, Soil N	, or Hydrology	N na	aturally probler	matic?	(If needed,	explain any answers in Remar	ks.)
SUMMARY OF	F FINDINGS Atta	ich site map showing	g sampling point l	ocations, tra	nsects, im	portant featur	es, etc.		
Hydrophytic Ve	egetation Present?		Yes	No	Х	Is the	Sampled Ar	ea	
Hydric Soil Pre	esent?		Yes	No	Х	within	a Wetland?	Yes	No <u></u>
Wetland Hydro	ology Present?		Yes	No	X	-			
Remarks:									
	Use scientific r	names of plants							
					Absolute	Dominant	Indicator		
<u>Tree Stratum</u> (Plo	t size: 30' radius)				% Cover	Species?	Status	Dominance Test workshee	t:
1									
2								Number of Dominant Specie	S
3						<u> </u>		That Are OBL, FACW, or FA	AC: <u>1</u> (A)
4									
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	2 (B)
Conling/Chruh Stra	tum (Dist size, 15' radi							Demonst of Demoistant Origin	_
Sapling/Shrub Stra	atum (Plot size: 15 radi	us)						Percent of Dominant Specie	S
1								That Are OBL, FACW, of FA	(A/B)
2									
3				· ·				Provalence Index workshee	s t •
								i revalence index workshee	
0.						= Total Cover		Total % Cover of	Multiply by
						-		That Are OBL, FACW, or FA	C: A/B
Herb Stratum (Plo	t size: 5' radius)							OBL species	x1 =
1. Echinochloa ci	rus-galli		_		70%	Yes	FACW	FACW species 70	0% x2 = 1.40
2. Hibiscus trionu	ım				40%	Yes	UPL	FAC species	x3 =
3.								FACU species	x4 =
4.								UPL species 40	0% x5 = 2.00
5.						. . 		Column Totals: 11	0% (A) <u>3.40</u> (B)
6.									
7								Prevalence Inde	x = B/A =3.09
8									
9						<u> </u>			
10						<u> </u>		Hydrophytic Vegetation Inc	dicators:
11									
12						<u></u>		1-Rapid Test for Hy	drophytic Vegetation
13								2-Dominance Test	is >50%
14								3-Prevalence Index	is ≤3.0°
15								4-Morphological Ad	aptations' (Provide supporting
16								data in Remarks o	r on a separate sheet)
17						<u> </u>			priylic vegetation (Explain)
18.									

18 19 20	1 Indicators of hydric soil and wetland hydrology must 10% = Total Cover
Woody Vine Stratum (Plot size: 30' radius) 1.	Hydrophytic Vegetation Present? Yes No _X
Remarks: (Include photo numbers here or on a separate sheet.) mowed	

Profile Desc	ription: (Describe to t	he depth neede	ed to document the in	dicator or c	onfirm the a	bsence o	f indicators.)	
Depth	Matrix		Rec	lox Features	- 1	. 2		
(inches)	Color (moist)	%	Color (moist)	%	Туре	Loc ²	Texture	Remarks
0-3"	10YR 2/2	100					Loam	
3-18"	10YR 2/2	98	10YR 4/6	2	С	m	Clay Loam	
¹ Type: C=C	oncentration D=Depleti	on RM=Reduce	ed Matrix CS=Covere	d or Coated	Sand Grains	² l ocati	on [.] PI =Pore Lining	u M=Matrix
Hydric Soil I	ndicators ³ :					Test	t Indicators of Hvd	ric Soils:
Histoso	bl (A1)		Sandv Gleve	d Matrix (S4)		Iron-Manga	inese Masses (F12)
Histic E	Epipedon (A2)		Sandy Redo	x (S5)	/		Verv Shallo	w Dark Surface (F22)
Black H	listic (A3)		Stripped Mat	rix (S6)			Other (Expl	lain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	e (S7)			、 .	,
Stratifie	ed Lavers (A5)		Loamy Muck	y Mineral (F	1)			
2 cm M	luck (A10)		Loamy Gleve	d Matrix (F2)			
Deplete	ed Below Dark Surface (A11)	Depleted Ma	trix (F3)				
Thick E) Dark Surface (A12)	,	Redox Dark	Surface (F6)			³ The hydric soil ir	ndicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm M	lucky Peat or Peat (S3)		Redox Depre	essions (F8)	,		in the United S	States , Version 8.0, 2016.
Restrictive L	_ayer (if observed):							
Type:								
Depth (i	nches):					Hydric	Soil Present?	Yes NoX
HYDROL	OGY							
Wetland Hyd	trology Indicators:							
Primary Indic	cators (minimum of one	is required: che	ck all that apply)				Secondary Indica	tors (minimum of two required)
Surface	e Water (A1)		Water-Staine	ed Leaves (B	9)		Surface So	il Cracks (B6)
High W	ater Table (A2)		Aquatic Faur	na (B13)			Drainage P	atterns (B10)
Saturat	ion (A3)		True Aquatio	Plants (B14)		Dry-Seasor	n Water Table (C2)
Water	Marks (B1)		Hydrogen Su	Ifide Odor (C	C1)		Crayfish Bu	urrows (C8)
Sedime	ent Deposits (B2)		Oxidized Rhi	zospheres o	n Living Root	s (C3)	Saturation	Visible on Aerial Imagery (C9)
Drift De	eposits (B3)		Presence of	Reduced Iro	n (C4)		Stunted or	Stressed Plants (D1)
Algal M	lat or Crust (B4)		Recent Iron I	Reduction in	Tilled Soils (C6)	Geomorphi	c Position (D2)
Iron De	posits (B5)		Thin Muck S	urface (C7)			FAC-Neutra	al Test (D5)
Inundat	tion Visible on Aerial Ima	agery (B7)	Gauge or We	ell Data (D9)				
Sparse	ly Vegetated Concave S	Surface (B8)	Other (Expla	in in Remark	s)			
Field Observ	vations:							
Surface Wat	er Present?	Yes No	X Depth (inches)): N/A				
Water Table	Present?	Yes No	X Depth (inches)): <u>N/A</u>				
Saturation P	resent?	Yes No	X Depth (inches)): N/A	Wetland	l Hydrolog	gy Present?	Yes NoX
(includes ca	pillary fringe)							
Describe Re	corded Data (stream ga	uge, monitoring	well, aerial photos, pr	evious inspe	ctions), if ava	ilable:		
Dorest								
Remarks:								

Project/Site:	Pleasant Prairie				City/County	y: Galloway/Frank	din	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	e: OH	Sampling Point:	dp114
Investigator(s):	C Renskers					Section, Townsh	iip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Summit				Loc	cal relief (concave, convex, none): <u>r</u>	none
Slope (%):	0%	Lat:	39.9061		Long:		-83.186	Datum: NAD83 UTM16N
Soil Map Unit Name	e: Kokomo silty clay loa	am, 0 to 2 percent slopes (Ko					NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the	site typical for this time of year	ar?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	<u>N</u>	, Soil N	, or Hydrology N	significantly dis	turbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N	, Soil N	, or Hydrology N	naturally proble	matic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map showing	sampling point locatio	ns, transects, im	portant featu	res, etc.		
Hydrophytic Veg	getation Present?		Yes x	No	Is the	e Sampled Ar	ea	
Hydric Soil Pres	sent?		Yes <u>X</u>	No	withi	n a Wetland?	Yes	No <u></u>
welland Hydrol	ogy Present?		res	NO <u>X</u>	_			
VEGETATION -	Use scientific ı	names of plants.		Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)			% Cover	Species?	Status	Dominance Test worksheet:	
1.								
2.							Number of Dominant Species	
3.						·	That Are OBL, FACW, or FAC:	2 (A)
4.								
5							Total Number of Dominant	
					= Total Cover		Species Across All Strata:	<u> </u>
								
Sapling/Shrub Strat	<u>um</u> (Plot size: 15' radi	us)					Percent of Dominant Species	
1							That Are OBL, FACW, or FAC:	(A/B)
2								
3						·		
4						·	Prevalence Index worksheet:	
5.						·	Total % Cover of	Multiply by
							That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)						OBL species 3%	x1 = 0.03
1. Setaria glauca	·		-	40%	Yes	FAC	FACW species 30%	x2 = 0.60
2. Echinochloa cru	ıs-galli			30%	Yes	FACW	FAC species 40%	x3 = 1.20
3. Eleocharis obtu	sa			3%	No	OBL	FACU species	x4 =
4.							UPL species	x5 =
5							Column Totals: 73%	(A) <u>1.83</u> (B)
6								
7						·	Prevalence Index = E	B/A = 2.51
8						·		
9								
10							Hydrophytic Vegetation Indicat	iors:
11						·	4 Don'd Test for that	shutia Vagatatian
12							T-Kapid Test for Hydrop	
14						·	3-Prevalence Index is <	3.0 ¹
15						·	4-Morphological Adapta	tions ¹ (Provide supportina
16.							data in Remarks or on	a separate sheet)
17.						·	Problematic Hydrophyti	ic Vegetation ¹ (Explain)
18.								
19.							¹ Indicators of hydric soil and wetl	and hydrology must
20.							be present, unless disturbed or p	problematic.
				73%	= Total Cover			
Woody Vine Stratur	n (Plot size: 30' radiu	s)					Hydrophytic	
1					<u> </u>		Vegetation	
2							Present? Yes	X No
					= Total Cover			
Remarks: (Include	photo numbers here o	r on a separate sheet.)						
Inowed								

Donth	Motrix			dox Footures				
(inchos)	Color (moist)	0/_	Color (moist)		Type ¹	1 oc^2	Toxturo	Pomarka
		<u> </u>		70	Туре	LOC	. Texture	Remarks
0-2*	10YR 2/2	100					Loam	
2-18"	10YR 2/2	83	10YR 4/4	10	С	m	Clay Loam	
			10YR 4/6	7	С	m		
				_				
				_				
¹ Type: C=C	oncentration, D=Depleti	on, RM=Red	uced Matrix, CS=Cover	ed or Coated	Sand Grains.	² Locat	ion: PL=Pore Linin	g, M=Matrix.
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hyd	dric Soils:
Histoso	l (A1)		Sandy Gley	ed Matrix (S4	.)		Iron-Mang	anese Masses (F12)
Histic E	pipedon (A2)		Sandy Red	ox (S5)			Very Shall	ow Dark Surface (F22)
Black H	listic (A3)		Stripped Ma	atrix (S6)			Other (Exp	olain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surfac	ce (S7)				
Stratifie	d Layers (A5)		Loamy Muc	ky Mineral (F	1)			
2 cm M	uck (A10)		Loamy Gley	/ed Matrix (F2	2)			
Deplete	d Below Dark Surface (A11)	Depleted M	atrix (F3)				
Thick D	ark Surface (A12)		X Redox Dark	s Surface (F6))		³ The hydric soil	indicators have been updated to
Sandy I	Mucky Mineral (S1)		Depleted D	ark Surface (F	=7)		comply with t	he Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S3)		Redox Dep	ressions (F8)			in the United	<i>States</i> , Version 8.0, 2016.
Restrictive L	ayer (if observed):							
Type:								
Depth (i	nches):					Hydric	Soil Present?	Yes <u>X</u> No
Remarks:								
Remarks: HYDROL(Wetland Hyd	DGY							
Remarks: HYDROL(Wetland Hyd Primary Indic	DGY Irology Indicators:	s required: c	heck all that apply)				Secondary Indic	ators (minimum of two required)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface	DGY rology Indicators: ators (minimum of one Water (A1)	s required: cl	heck all that apply) Water-Stair	ned Leaves (B	39)		Secondary Indic	ators (minimum of two required) oil Cracks (B6)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High W	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2)	s required: cl	heck all that apply) Water-Stair Aquatic Fat	ned Leaves (E una (B13)	39)		Secondary Indic	ators (minimum of two required) oil Cracks (B6) Patterns (B10)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3)	s required: cl	heck all that apply) Water-Stair Aquatic Fai True Aquat	ned Leaves (E una (B13) ic Plants (B14	39)		Secondary Indic Surface S Drainage Drv-Seaso	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2)
Remarks: HYDROLO Wetland Hyd Primary Indic Primary Indic Surface High W Saturat Water N	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1)	s required: cl	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor ((39) () C1)		Secondary Indic Surface S Drainage Dry-Seaso Cravfish B	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime	DGY rology Indicators: eators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2)	s required: cl	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o	39) 1) C1) on Living Root	ts (C3)	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3)	s required: c	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Oxidized Ri Presence o	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro	39) !) C1) in Living Root	ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish B Saturation Stunted of	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) uurrows (C8) Visible on Aerial Imagery (C9)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)	is required: cl	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iror	ned Leaves (B una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro Reduction in	39) C1) C1) In Living Roof In (C4) Tilled Soils (ts (C3)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish B Saturation Stunted of Geomorph	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) ourrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water M Sedime Drift De Algal M Iron De	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	s required: cl	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor ((nizospheres o f Reduced Iro i Reduction in Surface (C7)	39) C1) on Living Root n (C4) Tilled Soils (ts (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation Stunted of Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2) ral Test (D5)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat	DGY rology Indicators: eators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima	s required: cl	heck all that apply) — Water-Stair — Aquatic Fau — True Aquati — Hydrogen S — Oxidized Ri — Presence o — Recent Iron — Thin Muck — Gauge or W	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro i Reduction in Surface (C7) /ell Data (D9)	39) C1) on Living Root n (C4) Tilled Soils (ts (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation Stunted of Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2) ral Test (D5)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparsel	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S	is required: cl agery (B7) urface (B8)	heck all that apply) Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or V Other (Expl	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark	39) C1) n Living Roof n (C4) Tilled Soils (ts (C3) C6)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish B Saturation Stunted or Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) Furrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) oic Position (D2) ral Test (D5)
Remarks: HYDROLO Wetland Hyd Primary Indic Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparsel Eield Obser	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S	is required: cl agery (B7) urface (B8)	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or V Other (Expl	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark	39) C1) on Living Roof n (C4) Tilled Soils (ts (C3) C6)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish B Saturation Stunted ou Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2) ral Test (D5)
Remarks: HYDROLO Wetland Hyd Primary Indic Gurface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S rations: pr Present?	agery (B7) urface (B8)	heck all that apply) — Water-Stair — Aquatic Fau — True Aquati — Hydrogen S — Oxidized Ri — Presence o — Recent Iron — Thin Muck — Gauge or V — Other (Expl	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor ((nizospheres o f Reduced Iro I Reduction in Surface (C7) /ell Data (D9) ain in Remark	39) C1) n Living Root n (C4) Tilled Soils ((s)	ts (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation Stunted or Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2) ral Test (D5)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Water Water Table	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S rations: er Present?	agery (B7) urface (B8) YesNo	heck all that apply) Water-Stair Aquatic Fai True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or W Other (Expl X Depth (inche	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor ((nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A	39) () C1) n Living Root n (C4) Tilled Soils (((s)	ts (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation Stunted of Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2) ral Test (D5)
Remarks: HYDROL(Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Water Table Saturation P	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S rations: er Present? Present?	agery (B7) urface (B8) Yes <u>No</u> Yes No	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Rl Presence o Recent Iron Thin Muck Gauge or V Other (Expl X Depth (inche X Depth (inche	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A	39) C1) c1) n Living Roof n (C4) Tilled Soils (ss)	ts (C3) C6)	Secondary Indic Surface S Drainage Dry-Seaso Crayfish B Saturation Stunted of Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) ourrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2) ral Test (D5)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Water Table Saturation Pl (includes car	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S rations: er Present? Present? resent?	agery (B7) urface (B8) Yes <u>No</u> Yes <u>No</u> Yes <u>No</u>	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or W Other (Expl X Depth (inche X Depth (inche	ned Leaves (B una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A	39) C1) C1) on Living Roof n (C4) Tilled Soils (ss) Wetland	ts (C3) C6)	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation Stunted or Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2) ral Test (D5)
Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Water Table Saturation Pe (includes cap Describe Re	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S rations: er Present? Present? resent? posita (Stream ga	agery (B7) urface (B8) Yes No Yes No Yes No Yes No	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or V Other (Expl X Depth (inche X Depth (inche A Depth (inche	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor ((nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A	39) C1) on Living Root in (C4) Tilled Soils ((s) Wetland ections), if ava	ts (C3) C6) d Hydrolo ailable:	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation Stunted of Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2) ral Test (D5)
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Remarks: HYDROLO Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Water Table Saturation Pl (includes cap Describe Re	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S rations: er Present? Present? resent? ion (A) posits (B) corded Data (stream ga	agery (B7) urface (B8) Yes No Yes No Yes No yes No	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or V Other (Expl X Depth (inche X Depth (inche N Depth (inche	ned Leaves (E una (B13) ic Plants (B14 Sulfide Odor ((nizospheres o f Reduced Iro I Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A orevious inspe	39) C1) on Living Root n (C4) Tilled Soils ((s)	ts (C3) C6) d Hydrolo ailable:	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation Stunted or Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2) ral Test (D5)
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Remarks: HYDROL(Wetland Hyd Primary Indic Surface High W Saturat Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Water Table Saturation Pr (includes cap Describe Re Remarks:	DGY rology Indicators: ators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial Ima y Vegetated Concave S rations: er Present? Present? resent? billary fringe) corded Data (stream ga	is required: cl agery (B7) urface (B8) Yes No Yes No Yes No uge, monitori	heck all that apply) Water-Stair Aquatic Fau True Aquat Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck Gauge or W Other (Expl X Depth (inche X Depth (inche N Depth (inche	ned Leaves (B una (B13) ic Plants (B14 Sulfide Odor (C nizospheres o f Reduced Iro Reduction in Surface (C7) /ell Data (D9) ain in Remark s): N/A s): N/A s): N/A	39) C1) C1) on Living Roof n (C4) Tilled Soils ((s) Wetland ections), if ava	ts (C3) C6) d Hydrolo ailable:	Secondary Indic Surface S Drainage Dry-Sease Crayfish B Saturation Stunted or Geomorph X FAC-Neut	ators (minimum of two required) oil Cracks (B6) Patterns (B10) on Water Table (C2) surrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) nic Position (D2) ral Test (D5)

Project/Site:	Pleasant Prairie				City/County	y: Galloway/Fran	klin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy				State	e: OH	Sampling Point:	dp115
Investigator(s):	C Renskers					Section, Towns	hip, Range: N/A	
Landform (hillslope	e, terrace, etc.):	Summit				Lo	cal relief (concave, convex, i	none): <u>none</u>
Slope (%):	0%	Lat:	39.908		Long:		-83.1904	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loa	m, 0 to 2 percent slopes	(Ко)				NW	classification: none
Are climatic / hydro	ologic conditions on the	site typical for this time o	f year?		Yes	X No	(If no, explain in Ren	narks.)
Are Vegetation	N	, Soil N	, or Hydrology	N significantly	disturbed?	Are "Norn	nal Circumstances" present?	Yes <u>X</u> No
Are Vegetation	<u> </u>	, Soil <u>N</u>	, or Hydrology	N naturally pro	blematic?	(If needed	l, explain any answers in Rer	marks.)
SUMMARY OF	FINDINGS Atta	ach site map showi	ng sampling point lo	ocations, transects,	important featu	res, etc.		
Hydrophytic Ve	egetation Present?		Yes <u>x</u>	No	Is the	e Sampled A	rea	
Hydric Soil Pre	esent?		Yes X	No	withi	n a Wetland	? Ye	s No <u>X</u>
	bogy Present?		res	NO <u>X</u>				
Remarks:								
VEGETATION	Use scientific r	names of plants.						
				Absolut	e Dominant	Indicator		
<u>Free Stratum</u> (Plot	t size: 30' radius)			% Cove	r Species?	Status	Dominance Test works	neet:
1						·		
2							Number of Dominant Spe	
3						·	That Are OBL, FACW, or	FAC: <u>1</u> (A)
4				·			Total Number of Deminer	-1
5					- Total Cover			1 (P)
							Species Across All Strata	а. <u> </u>
Sapling/Shrub Stra	itum (Plot size: 15' radi	us)					Percent of Dominant Spe	cies
1.	<u></u> (That Are OBL, FACW, or	FAC: 100% (A/B)
2.						·		(12)
3.								
4.							Prevalence Index works	heet:
5.								
					= Total Cover		Total % Cover o	f: Multiply by:
							That Are OBL, FACW, or	FAC: A/B
Herb Stratum (Plot	t size: 5' radius)						OBL species	x1 =
1. Echinochloa cr	rus-galli			80%	Yes	FACW	FACW species	80% x2 = 1.60
2. Taraxacum offi	ïcinale			3%	No	FACU	FAC species	x3 =
3							FACU species	3% x4 = 0.12
4						·	UPL species	x5 =
5						·	Column Totals:	<u>83%</u> (A) <u>1.72</u> (B)
6				·				5/4 0.07
7						·	Prevalence Ir	ndex = B/A = 2.07
8				·				
9 10							Hydrophytic Vegetation	Indicators
10								maicators.
12				·		·	X 1-Rapid Test for	Hydrophytic Vegetation
13						·	X 2-Dominance Te	
14.						·	3-Prevalence In	dex is ≤3.0 ¹
<u></u> 15.						·	4-Morphological	Adaptations ¹ (Provide supporting
16.							data in Remark	s or on a separate sheet)
17.							Problematic Hy	drophytic Vegetation ¹ (Explain)
18.						·		

18. 19. 20.	83%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		= Total Cover	Hydrophytic Vegetation Present? Yes <u>X</u> No
Remarks: (Include photo numbers here or on a separate sheet.) mowed			

SOIL

Deptil	Motrix	ine depth nee		dox Egaturos		ibsence o	, maleuteren,	
(in als a a)		0/	Color (moiot)		Turna ¹	1 2	- 	Demonster
(incnes)			Color (moist)	%	туре	LOC	Texture	Remarks
0-2"	10YR 2/2	100					Loam	
2-8"	10YR 3/2	90	10YR 4/4	10	С	m	Clay Loam	
8-16"	10YR 4/1	90	10YR 4/6	10	С	m	Clay Loam	
· ·								
¹ Type: C=C	oncentration, D=Deplet	ion, RM=Red	uced Matrix, CS=Covere	ed or Coated	Sand Grains.	² Locat	ion: PL=Pore Lining	g, M=Matrix.
Hydric Soil In	ndicators ³ :					Tes	t Indicators of Hyd	ric Soils:
Histoso	ol (A1)		Sandy Gleye	ed Matrix (S4)		Iron-Manga	anese Masses (F12)
Histic E	pipedon (A2)		Sandy Redo	ox (S5)			Very Shallo	ow Dark Surface (F22)
Black H	listic (A3)		Stripped Ma	trix (S6)			Other (Exp	lain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surfac	e (S7)				
Stratifie	ed Layers (A5)		Loamy Muc	ky Mineral (F	1)			
2 cm M	uck (A10)		Loamy Gley	ed Matrix (F2)			
X Deplete	ed Below Dark Surface	(A11)	X Depleted Ma	atrix (F3)			3	
Thick D	ark Surface (A12)		X Redox Dark	Surface (F6)	,		°The hydric soil i	ndicators have been updated to
Sandy N	Mucky Mineral (S1)		Depleted Da	ark Surface (F	-7)		comply with th	ne Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S3)		Redox Depr	essions (F8)			in the United	<i>States</i> , Version 8.0, 2016.
Restrictive L	ayer (if observed):							
Type:								
Depth (II	nches):		-			Hydric	Soil Present?	Yes <u>X</u> NO
HYDROL(Wetland Hyd	OGY Irology Indicators:							
HYDROL(Wetland Hyd Primary Indic	OGY frology Indicators: cators (minimum of one	is required: c	heck all that apply)				Secondary Indica	ators (minimum of two required)
HYDROLO Wetland Hyd Primary Indic Surface	OGY Irology Indicators: cators (minimum of one e Water (A1)	is required: c	heck all that apply) Water-Stain	ed Leaves (B	9)		Secondary Indica	ators (minimum of two required) bil Cracks (B6)
HYDROL(Wetland Hyd Primary Indic Surface High W	OGY Irology Indicators: cators (minimum of one Water (A1) dater Table (A2)	is required: c	heck all that apply) Water-Stain Aquatic Fau	ed Leaves (B na (B13)	9)		Secondary Indica	ators (minimum of two required) bil Cracks (B6) Patterns (B10)
HYDROL(Wetland Hyd Primary Indic Surface High W Saturati	OGY Irology Indicators: cators (minimum of one e Water (A1) dater Table (A2) ion (A3)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquati	ed Leaves (B na (B13) c Plants (B14	9)		Secondary Indica Surface So Drainage F Dry-Seaso	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2)
HYDROL(Wetland Hyd Primary Indic Surface High W Saturati Water M	OGY frology Indicators: cators (minimum of one e Water (A1) 'ater Table (A2) ion (A3) Warks (B1)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C	9)) C1)		Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish Bu	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8)
HYDROL(Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime	OGY Irology Indicators: cators (minimum of one e Water (A1) dater Table (A2) ion (A3) Marks (B1) ent Deposits (B2)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o	9)) 21) n Living Root	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bo Saturation	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9)
HYDROL(Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De	OGY Irology Indicators: cators (minimum of one Water (A1) dater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o FReduced Iro	9)) C1) n Living Roof	ts (C3)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M	DGY Irology Indicators: cators (minimum of one Water (A1) later Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o c Reduced Iro Reduction in	9)) C1) n Living Roof n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2)
HYDROL(Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De	OGY frology Indicators: cators (minimum of one e Water (A1) 'ater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) posits (B5)	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduced Iro Reduction in Surface (C7)	9)) c1) n Living Roof n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface Sc Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph X FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De Inundat	OGY Irology Indicators: cators (minimum of one a Water (A1) fater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) posits (B5) tion Visible on Aerial Im	is required: c	heck all that apply) Water-Stain Aquatic Fau True Aquati Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduction in Surface (C7) ell Data (D9)	9)) c1) n Living Root n (C4) Tilled Soils (ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph X FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
HYDROLO Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De Inundat Sparsel	OGY Irology Indicators: cators (minimum of one Water (A1) Pater Table (A2) ion (A3) Warks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) posits (B5) tion Visible on Aerial Im ly Vegetated Concave S	is required: c agery (B7) Surface (B8)	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduction in Surface (C7) ell Data (D9) ain in Remark	9)) C1) n Living Roof n (C4) Tilled Soils ([,] s)	ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph X FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
HYDROL(Wetland Hyd Primary Indic Surface High W Saturati Water M Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ	OGY rology Indicators: cators (minimum of one a Water (A1) ater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) posits (B5) tion Visible on Aerial Im ly Vegetated Concave S vations:	is required: c agery (B7) Surface (B8)	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduction in Surface (C7) ell Data (D9) ain in Remark	9) 21) n Living Roof n (C4) Tilled Soils (s)	ts (C3) C6)	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bo Saturation Stunted or Geomorph X FAC-Neutr	ators (minimum of two required) bil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5)
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HYDROL(Wetland Hyd Primary Indic Surface High W Saturati Water N Sedime Drift De Algal M Iron De Inundat Sparsel Field Observ Surface Wate Water Table Saturation Pr (includes cap Describe Red	OGY rology Indicators: cators (minimum of one a Water (A1) fater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) posits (B5) tion Visible on Aerial Im ly Vegetated Concave S vations: er Present? Present? Present? pillary fringe) corded Data (stream ga	is required: c agery (B7) Surface (B8) Yes No Yes No Yes No auge, monitori	heck all that apply) Water-Stain Aquatic Fau True Aquatic Hydrogen S Oxidized Rh Presence of Recent Iron Thin Muck S Gauge or W Other (Expla X Depth (inches X Depth (inches N Depth (inches N Depth (inches	ed Leaves (B na (B13) c Plants (B14 ulfide Odor (C izospheres o Reduced Iro Reduction in Surface (C7) ell Data (D9) ain in Remark ;): N/A ;): N/A ;): N/A ;): N/A	9) C1) n Living Roof n (C4) Tilled Soils (s) Wetland ctions), if ava	ts (C3) C6) d Hydrolo ailable:	Secondary Indica Surface So Drainage F Dry-Seaso Crayfish Bu Saturation Stunted or Geomorph X FAC-Neutr	ators (minimum of two required) pil Cracks (B6) Patterns (B10) n Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) ic Position (D2) al Test (D5) Yes NoX

Project/Site:	Pleasant Prairie				(City/County	/: Galloway/Frank	lin Sampling Date: 9/30/2020	
Applicant/Owner:	Inenergy					State	e: OH	Sampling Point: dp116	
Investigator(s):	C Renskers						Section, Townsh	ip, Range: N/A	
Landform (hillslope	e, terrace, etc.):	Summit					Loc	al relief (concave, convex, none): <u>none</u>	
Slope (%):	0%	Lat:	39.9091		Lor	ng:		-83.1919 Datum: NAD83 UTM16N	
Soil Map Unit Name	e: Kokomo silty clay loa	am, 0 to 2 percent slopes (Ko)					NWI classification: PEM1A	
Are climatic / hydro	ologic conditions on the	site typical for this time of	year?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N	, Soil N	, or Hydrology	N significa	tly disturbed?		Are "Norm	al Circumstances" present? Yes X No	
Are Vegetation	Ν	, Soil N	, or Hydrology	N naturally	problematic?		(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Atta	ach site map showi	ng sampling point lo	ocations, transect	s, importa	nt featu	res, etc.		
Hydrophytic Ve	egetation Present?		Yes	No	(Is the	Sampled Ar	ea	
Hydric Soil Pre	sent?		Yes	No	(withi	n a Wetland?	Yes NoX	
Wetland Hydro	logy Present?		Yes	No	(
Remarks:									
VEGETATION	Use scientific ı	names of plants.		۵hs	olute D	ominant	Indicator		
Tree Stratum (Plot	t size: 30' radius)			% C	over S	pecies?	Status	Dominance Test worksheet:	
1								Number of Dominant Species	
2				,				That Are ORL EACING or EAC:	
3									
				·			·	Total Number of Dominant	
				·	= Tota	l Cover	·	Species Across All Strata: 1 (B)	
					1010				
Sapling/Shrub Strat	tum (Plot size: 15' radi	us)						Percent of Dominant Species	
1.	、	,						That Are OBL, FACW, or FAC: 0% (A/B)	
2.								,	
3.									
4.								Prevalence Index worksheet:	
5.									
					= Tota	l Cover		Total % Cover of: Multiply by:	
								That Are OBL, FACW, or FAC: A/B	
Herb Stratum (Plot	t size: 5' radius)							OBL species x1 =	
1. Glycine max				80	%	Yes	UPL	FACW species x2 =	
2								FAC species x3 =	
3								FACU species x4 =	
4				·				UPL species 80% x5 = 4.00	
5				·				Column Totals: 80% (A) 4.00	(B)
6									
7								Prevalence Index = B/A = 5.00	
8									
9									
10							·	Hydrophytic vegetation indicators:	
11							·	4 Denid Test for Understation Venetation	
12							· <u> </u>	I-Kapid Lesi for Hydrophytic Vegetation	
13								2-Dominance Less IS >50%	
14								4-Morphological Adaptations ¹ /Provide supporting	
16								data in Pomarka or on a constrate sheet'	
17								Problematic Hvdrophytic Vegetation ¹ (Explain)	
18				·					

18	80%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			

	on: (Describe to th	le deptit fiéede	d to document the in	dicator or co	onfirm the al	osence of	indicators.)	
Depth	Matrix		Red	lox Features				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-2"	10YR 4/2	100					Loam	
2-16"	10YR 4/4	100					Clay Loam	
· · · · · · · · · · · · · · · · · · ·		· ·						
·		·			·			
·		·						
·		·					<u> </u>	
	ntration D-Danlati		d Matrix, CS=Cauara	d ar Coatad S	and Crains	² 1 a satir		M-Matrix
Type: C=Concer	ntration, D=Depletio	on, RIVI=Reduce	d Matrix, CS=Covered	d or Coaled S	Sand Grains.	Localio	Indicators of Hydr	, M=Matrix.
Historol (A1)	1015. \		Sandy Clove	d Matrix (S1)		1631	Iron Mongo	noso Massos (E12)
Histic Enined) 1on (Δ2)		Sandy Bedoy	v (S5)			Verv Shallo	w Dark Surface (E22)
Black Histic ((A3)		Stripped Mat	rix (S6)			Other (Expl	ain in Remarks)
Hvdrogen Su	ulfide (A4)		Dark Surface	e (S7)				
Stratified Lav	vers (A5)		Loamv Muck	v Mineral (F1)			
2 cm Muck (/	A10)		Loamy Gleve	ed Matrix (F2))			
Depleted Bel	/ low Dark Surface (/	A11)	Depleted Ma	trix (F3)				
Thick Dark S	Surface (A12)		Redox Dark	Surface (F6)			³ The hydric soil ir	ndicators have been updated to
Sandy Mucky	y Mineral (S1)		Depleted Da	rk Surface (F	7)		comply with th	e Field Indicators of Hydric Soils
5 cm Mucky	Peat or Peat (S3)		Redox Depre	essions (F8)			in the United S	States , Version 8.0, 2016.
Restrictive Laver	(if observed):							
Type:	(
Depth (inches	s):					Hydric	Soil Present?	Yes No X
Domorko								
HYDROLOGY	(
HYDROLOGY Wetland Hydroloc	/ gy Indicators:							
HYDROLOGY Wetland Hydrolog Primary Indicators	f gy Indicators:	s required: chec	k all that apply)				Secondary Indica	tors (minimum of two required)
HYDROLOGY Wetland Hydrolog Primary Indicators Surface Wate	f gy Indicators: (minimum of one i er (A1)	s required: chec	k all that apply) Water-Staine	ed Leaves (B	9)		Secondary Indica	tors (minimum of two required) il Cracks (B6)
HYDROLOGY Wetland Hydrolog Primary Indicators Surface Wate High Water T	gy Indicators: (minimum of one i er (A1) Table (A2)	s required: chec	k all that apply) Water-Staine Aquatic Faur	ed Leaves (Bs	9)		Secondary Indica Surface So Drainage P	tors (minimum of two required) il Cracks (B6) atterns (B10)
HYDROLOGY Wetland Hydrolog Primary Indicators Surface Wate High Water T Saturation (A	gy Indicators: (minimum of one i er (A1) Table (A2) A3)	s required: chec	k all that apply) Water-Staine Aquatic Faur True Aquatic	ed Leaves (Bs na (B13) : Plants (B14)	9)		Secondary Indica Surface So Drainage P Dry-Seasor	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2)
HYDROLOGY Wetland Hydrolog Primary Indicators Surface Wate High Water T Saturation (A Water Marks	gy Indicators: (minimum of one i er (A1) Table (A2) (A3) (B1)	s required: cheo	k all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su	ed Leaves (B9 na (B13) : Plants (B14) ilfide Odor (C	9) .1)		Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) ırrows (C8)
HYDROLOGY Wetland Hydrolog Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De	f gy Indicators: a (minimum of one i er (A1) Γable (A2) A3) a (B1) eposits (B2)	s required: chec	k all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi	ed Leaves (Bs na (B13) Plants (B14) ilfide Odor (C zospheres or	9) 11) 1 Living Roots	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9)
HYDROLOGY Wetland Hydrolog Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposite	gy Indicators: (minimum of one i er (A1) Table (A2) A3) (B1) eposits (B2) s (B3)	s required: chec	k all that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of	ed Leaves (Bs na (B13) Plants (B14) Ifide Odor (C zospheres or Reduced Iror	9) 1. 1. 1. 1. Living Roots 1. (C4)	s (C3)	Secondary Indica Surface So Drainage P Dry-Seasor Crayfish Bu Saturation Stunted or	tors (minimum of two required) il Cracks (B6) atterns (B10) n Water Table (C2) irrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1)
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Project/Site:	Pleasant Prairie			City/County:	Galloway/Frank	lin S	ampling Date: <u>9/30/2020</u>
Applicant/Owner:	Inenergy			State:	OH	Sampling Point:	dp117
Investigator(s):	C Renskers				Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope	e, terrace, etc.): Summ	nit			Loc	al relief (concave, convex, none): <u>nor</u>	ne
Slope (%):	0% Lat:	39.9096		Long:		-83.1904	Datum: NAD83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam, 0 to 2 percent	slopes (Ko)				NWI classifica	tion: PUBG
Are climatic / hydro	ologic conditions on the site typical for this	time of year?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N , Soil	N , or Hydrology	N significantly distu	rbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N , Soil	N , or Hydrology	N naturally problem	atic?	(If needed	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attach site map	showing sampling point loca	tions, transects, imp	ortant featur	es, etc.		
Hydrophytic Ve	egetation Present?	Yes	No <u>x</u>	Is the	Sampled Ar	ea	
Hydric Soil Pre	sent?	Yes	No <u>x</u>	within	a Wetland?	Yes	<u>No x</u>
Wetland Hydro	logy Present?	Yes	No <u>x</u>				
Remarks:							
VEGETATION	Use scientific names of plan	ts.				I	
Tree Stratum (Plot	t size: 30' radius)		Absolute % Cover	Dominant Species?	Indicator	Dominance Test worksheet	
1				Opecies	Otatus	Dominance rest worksheet.	
2						Number of Dominant Species	
3.						That Are OBL. FACW. or FAC:	0 (A)
4.						- , - , -	(')
5.						Total Number of Dominant	
				= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Stra	tum (Plot size: 15' radius)					Percent of Dominant Species	
1.						That Are OBL, FACW, or FAC:	0% (A/B)
2.							
3.							
4						Prevalence Index worksheet:	
5.							
				= Total Cover		Total % Cover of:	Multiply by:
						That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plo	t size: 5' radius)					OBL species	x1 =
1. Glycine max			90%	Yes	UPL	FACW species	x2 =
2						FAC species	x3 =
3						FACU species	x4 =
4						UPL species 90%	$x_5 = 4.50$
5						Column I otals: 90%	(A) <u>4.50</u> (B)
ю							F 00
/						Prevalence Index = B/A	5.00
o							
^{3.}						Hydrophytic Vegetation Indicator	e'
11							3 .
12						1-Rapid Test for Hydrophy	tic Vegetation
13							
14						3-Prevalence Index is <3 (, ¹
15						4-Morphological Adaptatio	ns ¹ (Provide supportina
16						data in Remarks or on a s	enarate sheet)
17.						Problematic Hydrophytic	/egetation ¹ (Explain)
18.							

18	90%		¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1 2		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			

Profile Desc	ription: (Describe to t	he depth needed t	o document the ind	dicator or co	onfirm the at	osence of	indicators.)	
Depth			Redo		Tunal	1 2	Tarten	Davisardas
			olor (moist)	%	Туре	LOC	Texture	Remarks
	10YR 4/2	100					Loam	
2-16"	10YR 4/4	100					Clay Loam	
		_						
¹ Type: C=C	oncentration, D=Deplet	ion, RM=Reduced I	Matrix, CS=Covered	or Coated S	and Grains.	² Locatio	on: PL=Pore Lining	, M=Matrix.
Hydric Soil I	ndicators ³ :					Test	Indicators of Hydr	ic Soils:
Histoso	l (A1)		Sandy Gleyed	d Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic E	pipedon (A2)		Sandy Redox	(S5)			Very Shallo	w Dark Surface (F22)
Black H	listic (A3)		Stripped Matr	ix (S6)			Other (Expla	ain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surface	(S7)				
Stratifie	d Layers (A5)		Loamy Mucky	/ Mineral (F1)			
2 cm M	uck (A10)		Loamy Gleyed	d Matrix (F2)				
Deplete	d Below Dark Surface	(A11)	Depleted Mat	rix (F3)			3	
Thick D	ark Surface (A12)		Redox Dark S	Surface (F6)	_\		The hydric soil in	dicators have been updated to
Sandy I	Mucky Mineral (S1)		Depleted Darl	k Surface (F	()		comply with the	e Field Indicators of Hydric Soils
5 cm IVI	ucky Peat or Peat (53)		Redox Depres	ssions (F8)			in the United S	tates, version 8.0, 2016.
Restrictive L	ayer (if observed):							
Depth (i	nches):					Hydric	Soil Present?	Yes No X
	·					-		
HYDROL	DGY							
Wetland Hvd	rology Indicators:							
Primary Indic	ators (minimum of one	is required: check a	all that apply)				Secondary Indicat	tors (minimum of two required)
Surface	Water (A1)	•	Water-Stained	d Leaves (B§	9)		Surface Soi	I Cracks (B6)
High W	ater Table (A2)		Aquatic Fauna	a (B13)			Drainage Pa	atterns (B10)
Saturat	ion (A3)		True Aquatic	Plants (B14)			 Dry-Season	Water Table (C2)
Water M	/larks (B1)		Hydrogen Sul	fide Odor (C	1)		Crayfish Bu	rrows (C8)
Sedime	nt Deposits (B2)		Oxidized Rhiz	cospheres on	Living Roots	s (C3)	Saturation \	/isible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence of F	Reduced Iron	(C4)		Stunted or S	Stressed Plants (D1)
Algal M	at or Crust (B4)		Recent Iron R	Reduction in ⁻	Filled Soils (C	6)	Geomorphic	c Position (D2)
Iron De	posits (B5)		Thin Muck Su	ırface (C7)			FAC-Neutra	ll Test (D5)
Inundat	ion Visible on Aerial Im	agery (B7)	Gauge or We	ll Data (D9)				
Sparsel	y Vegetated Concave	Surface (B8)	Other (Explain	n in Remarks	5)			
Field Observ	ations:							
Surface Wate	er Present?	Yes No X	Depth (inches):	N/A				
Water Table	Present?	Yes No X	Depth (inches):	N/A				
Saturation P	resent?	Yes No X	Depth (inches):	N/A	Wetland	Hydrolog	y Present?	Yes NoX
(includes cap	oillary fringe)							
Describe Re	corded Data (stream ga	auge, monitoring we	ll, aerial photos, pre	vious inspec	tions), if avai	lable:		
Remarks:								

Project/Site:	Pleasant Prairie			City/County:	Galloway/Frank	in Sampling Date:	9/30/2020
Applicant/Owner:	Inenergy			State:	OH	Sampling Point: dp118	
Investigator(s):	C Renskers				Section, Townsh	p, Range: <u>N/A</u>	
Landform (hillslope	e, terrace, etc.): Summit				Loc	al relief (concave, convex, none): none	
Slope (%):	0% Lat:	39.9098		Long:		83.1903 Datum: NAD8	83 UTM16N
Soil Map Unit Nam	e: Kokomo silty clay loam, 0 to 2 percent slop	es (Ko)				NWI classification: none	
Are climatic / hydro	ologic conditions on the site typical for this tim	e of year?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N, Soil N	, or Hydrology N	significantly distu	rbed?	Are "Norma	I Circumstances" present? Yes X	No
Are Vegetation	N, Soil N	, or Hydrology N	naturally problem	atic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	F FINDINGS Attach site map sho	wing sampling point location	ons, transects, imp	ortant featur	es, etc.		
Hydrophytic Ve	egetation Present?	Yes	No <u>x</u>	Is the	Sampled Are	a	
Hydric Soil Pre	sent?	Yes	No <u>x</u>	within	a Wetland?	Yes Nox	<u> </u>
Wetland Hydro	logy Present?	Yes	No <u>x</u>				
Remarks:							
	Use scientific names of plants.						
			Absolute	Dominant	Indicator		
Tree Stratum (Plot	t size: 30' radius)		% Cover	Species?	Status	Dominance Test worksheet:	
1							
2						Number of Dominant Species	
3						That Are OBL, FACW, or FAC: 0	(A)
4							
5						Total Number of Dominant	
				= Total Cover		Species Across All Strata: 1	(B)
Cooling of Character Character							
Sapling/Shrub Stra	tum (Plot size: 15 radius)					Percent of Dominant Species	
1							(A/B)
2							
3						Provalence Index worksheet:	
4 5							
5.				= Total Cover		Total % Cover of: Multi	nly by:
						That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plo	t size: 5' radius)					OBL species x1 =	
1. Glycine max			90%	Yes	UPL	FACW species x2 =	
2.						FAC species x3 =	
3.						FACU species x4 =	
4.						UPL species 90% x5 =	4.50
5.						Column Totals: 90% (A)	4.50 (B)
6.							
7.						Prevalence Index = B/A = 5	.00
8							
9							
10						Hydrophytic Vegetation Indicators:	
11							
12						1-Rapid Test for Hydrophytic Vegetation	
13.						2-Dominance Test is >50%	
14						3-Prevalence Index is ≤3.0 ¹	
15						4-Morphological Adaptations ¹ (Provide su	upporting
16						data in Remarks or on a separate sheet)
17						Problematic Hydrophytic Vegetation ¹ (Ex	kplain)
18.							

18	90%		¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1 2		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			

Profile Desc	cription: (Describe to t	he depth needed to	o document the inc	dicator or co	onfirm the at	osence of	indicators.)	
Depth	Matrix		Redo	ox Features	1	2		
(inches)	Color (moist)	<u>%</u> C	olor (moist)	%	Type'	Loc²	Texture	Remarks
0-16"	10YR 2/2	100					Loam	
¹ Type: C=C	Concentration, D=Deplet	ion, RM=Reduced N	/atrix, CS=Covered	or Coated S	and Grains.	² Locatio	on: PL=Pore Lining	, M=Matrix.
Hydric Soil	Indicators ³ :					Test	Indicators of Hydr	ric Soils:
Histos	ol (A1)	_	Sandy Gleyed	d Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic I	Epipedon (A2)	_	Sandy Redox	(S5)			Very Shallo	w Dark Surface (F22)
Black I	Histic (A3)	_	Stripped Matr	ix (S6)			Other (Expl	ain in Remarks)
Hydrog	gen Sulfide (A4)	_	Dark Surface	(S7)				
Stratifi	ed Layers (A5)	_	Loamy Mucky	/ Mineral (F1)			
2 cm M	luck (A10)	_	Loamy Gleyed	d Matrix (F2)				
Deplet	ed Below Dark Surface	(A11)	Depleted Mat	rix (F3)				
Thick [Dark Surface (A12)		Redox Dark S	Surface (F6)			³ The hydric soil in	idicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Darl	k Surface (F7	7)		comply with th	e Field Indicators of Hydric Soils
5 cm N	lucky Peat or Peat (S3)		Redox Depres	ssions (F8)			in the United S	States , Version 8.0, 2016.
Restrictive	Laver (if observed):							
Tvpe:								
Depth (inches):					Hydric \$	Soil Present?	Yes No X
HYDROL	OGY							
Watland Llv	dralagy Indiantora							
	cators (minimum of one	is required; check a	ll that apply)				Secondary Indica	tors (minimum of two required)
Filliary Illui Surfac	e Water (A1)	is required. check a	Water-Stainer	d Laavas (BC)			il Cracks (B6)
		-			<i>'</i>)		Ourlace Ou	
High W	tion (A2)	-	Aquatic Fauna	a (B13) Dianta (D14)			Drainage P	allerns (BTU)
	lion (A3) Marka (D4)	-		Fiants (B14)	4)		Dry-Season	water Table (C2)
vvaler	Marks (BT)	-	Hydrogen Sul	lide Odor (C	I) Living Decta	(02)	Craylish Bu	(initial magany (CO)
		-		Cospheres on Reduced Iron		s (C3)	Saturation Stunted or 9	Stressed Plents (D1)
		-						
	Aat or Crust (B4)	-	Recent Iron R		lilled Solls (C	(6)	Geomorphi	c Position (D2)
				inace (C7)			FAC-Neutra	ai Test (D5)
Inunda	tion Visible on Aerial Im	agery (B7)	Gauge or We	ll Data (D9)				
Sparse	ely Vegetated Concave S	Surface (B8)	Other (Explain	n in Remarks	5)			
Field Obser	vations:							
Surface Wa	ter Present?	Yes No X	Depth (inches):	N/A				
Water Table	Present?	Yes No X	Depth (inches):	N/A				
Saturation F	Present?	Yes No X	Depth (inches):	N/A	Wetland	Hydrolog	y Present?	Yes NoX
(includes ca	pillary fringe)							
Describe Re	ecorded Data (stream ga	auge, monitoring wel	ll, aerial photos, pre	vious inspec	tions), if avai	lable:		
Deversed								
Remarks:								

Project/Site:	Pleasant Prairie					City/County	: Galloway/Frank	lin	Sampling Date: <u>9/30/2020</u>
Applicant/Owner:	Inenergy					State	: <u>OH</u>	Sampling Point:	dp119
Investigator(s):	C Renskers						Section, Townsh	ip, Range: <u>N/A</u>	
Landform (hillslope,	terrace, etc.):	Toeslope					Loc	al relief (concave, convex, none): <u>c</u>	concave
Slope (%):	0% La	at:	39.9099			Long:		-83.1902	Datum: NAD83 UTM16N
Soil Map Unit Name	: Lewisburg-Crosby complex, 2	to 6 percent slopes (_eB)					NWI classifi	cation: none
Are climatic / hydrol	ogic conditions on the site typica	al for this time of year	?			Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N, Soil	N	, or Hydrology	N si	ignificantly distu	irbed?	Are "Norma	al Circumstances" present?	Yes <u>X</u> No
Are Vegetation	N , Soil	N	, or Hydrology	N na	aturally problem	natic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attach site	map showing s	ampling point locat	tions, tra	nsects, imp	ortant featur	es, etc.		
Hydrophytic Veo	getation Present?		Yes x	No		Is the	Sampled Are	ea	
Hydric Soil Pres	sent?		Yes x	No		withir	n a Wetland?	Yes x	No
Wetland Hydrol	ogy Present?		Yes x	No					
Remarks:	Use scientific names o	of plants.							
					Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)				% Cover	Species?	Status	Dominance Test worksheet:	
1									
2				·				Number of Dominant Species	
3								That Are OBL, FACW, or FAC:	1 (A)
4				·					
5								Total Number of Dominant	
						= Total Cover		Species Across All Strata:	1 (B)
Sapling/Shrub Strate	um (Plot size: 15' radius)							Percent of Dominant Species	
1								That Are OBL, FACW, or FAC:	100% (A/B)
2									
3									
4								Prevalence Index worksheet:	
5.						Tatal Querra		Tatal % Occurrent	
						= Total Cover		That Are OBL_EACW_or_EAC	
Herb Stratum (Plot	size: 5' radius)							OBL species 108%	x1 = 1.08
1 Leersia oryzoide					80%	Yes	OBI	EACW species	x2 =
2 Typha angustife	lia				10%	No	OBL	FAC species	x3 =
3. Bidens cernua				·	5%	No	OBL	FACU species	x4 =
4. Echinochloa mu	ıricata				5%	No	OBL	UPL species	x5 =
5. Schoenoplectus	tabernaemontani				5%	No	OBL	Column Totals: 108%	(A) <u>1.08</u> (B)
6. Asclepias incarr	nata				3%	No	OBL		
7.								Prevalence Index = E	3/A = 1.00
8.									
9.									
10.								Hydrophytic Vegetation Indicat	ors:
11.									
12.								X 1-Rapid Test for Hydrop	hytic Vegetation
13.								X 2-Dominance Test is >5	0%
14.								X 3-Prevalence Index is ≤	3.0 ¹
15.								4-Morphological Adapta	tions ¹ (Provide supporting
16.								data in Remarks or on a	a separate sheet)
17								Problematic Hydrophyti	c Vegetation ¹ (Explain)
18									
19								¹ Indicators of hydric soil and weth	and hydrology must
20								be present, unless disturbed or p	problematic.
					108%	= Total Cover			
Woody Vine Stratun	n (Plot size: 30' radius)							Hydrophytic	
1								Vegetation	
2								Present? Yes	X No
						= Total Cover			
Remarks: (Include)	photo numbers here or on a sep	arate sheet.)							

Profile Desc	ription: (Describe to f	he depth neede	d to document the in	dicator or c	onfirm the a	bsence o	f indicators.)	
Depth	Matrix	-	Red	ox Features				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-3"	10YR 3/1	100					Mucky Loam	
3-18"	10YR 5/1	97	10YR 5/6	3	C	m	clay loam	
	1011(0)1		1011(0/0					
¹ Type: C=C	oncentration, D=Deplet	ion, RM=Reduce	ed Matrix, CS=Covered	d or Coated S	Sand Grains.	² Locati	on: PL=Pore Lining	, M=Matrix.
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hydi	ric Soils:
Histoso	l (A1)		Sandy Gleye	d Matrix (S4)			Iron-Manga	nese Masses (F12)
Histic E	pipedon (A2)		Sandy Redox	(S5)			Very Shallo	w Dark Surface (F22)
Black H	listic (A3)		Stripped Mat	rix (S6)			Other (Expl	ain in Remarks)
Hydrog	en Sulfide (A4)		Dark Surface	e (S7)				
Stratifie	d Layers (A5)		Loamy Muck	y Mineral (F1)			
2 cm M	uck (A10)		Loamy Gleye	d Matrix (F2)			
	d Below Dark Surface	(A11)	X Depleted Ma	trix (F3)			3-	dia shara kara kara ay ay dahada dha
	ark Surface (A12)		Redox Dark :	Surface (F6)	7)			alicators have been updated to
5 cm M	viucky Ivineral (ST)		Depleted Dal		()		in the United S	States Version 8.0, 2016
5 cm M	ucky Feat of Feat (33)			5510115 (1-0)				
Restrictive L	ayer (if observed):							
Type:							0 II D (0	X X N
Depth (I	ncnes):					Hydric	Soli Present?	
HYDROL	DGY							
Wetland Hvd	rology Indicators:							
Primary India	ators (minimum of one	is required: chec	k all that apply)				Secondary Indica	tors (minimum of two required)
Surface	Water (A1)	•	Water-Staine	d Leaves (B	9)		 Surface Sol	il Cracks (B6)
High W	ater Table (A2)		Aquatic Faur	na (B13)	,		Drainage P	atterns (B10)
X Saturat	ion (A3)		True Aquatic	Plants (B14))		Dry-Seasor	n Water Table (C2)
Water M	/larks (B1)		Hydrogen Su	lfide Odor (C	:1)		Crayfish Bu	rrows (C8)
Sedime	nt Deposits (B2)		Oxidized Rhi	zospheres or	n Living Root	is (C3)	Saturation	∕isible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence of	Reduced Iror	n (C4)		Stunted or	Stressed Plants (D1)
Algal M	at or Crust (B4)		Recent Iron F	Reduction in	Tilled Soils (C6)	X Geomorphi	c Position (D2)
Iron De	posits (B5)		Thin Muck S	urface (C7)			X FAC-Neutra	al Test (D5)
Inundat	ion Visible on Aerial Im	agery (B7)	Gauge or We	ell Data (D9)				
Sparse	y Vegetated Concave	Surface (B8)	Other (Explai	in in Remark	s)			
Field Observ	ations:							
Surface Wat	er Present?	Yes X No	Depth (inches)	: 1"				
Water Table	Present?	Yes No	C Depth (inches)	: <u>N/A</u>				
Saturation P	resent?	Yes X No	Depth (inches)	: Surface	Wetland	Hydrolog	gy Present?	Yes X No
(includes cap	oillary fringe)							
Describe Re	corded Data (stream ga	auge, monitoring	well, aerial photos, pro	evious inspe	ctions), if ava	ilable:		
Remarks:								

Project/Site:	Pleasant Prairie			City/County	: Galloway/Franl	klin		Sampling Dat	e: <u>9/30/2020</u>)
Applicant/Owner:	Inenergy			State	: OH	Sampling Poir	nt:	dp12	20	
Investigator(s):	C Renskers				Section, Townsh	nip, Range: <u>N/A</u>				
Landform (hillslope	e, terrace, etc.): Summit				Lo	cal relief (concave, co	onvex, none): <u>no</u>	one		
Slope (%):	0% Lat:	39.9117		Long:		-83.1894		Datum: NA	D83 UTM16	N
Soil Map Unit Nam	e: Lewisburg-Crosby complex, 2 to 6 percent slo	opes (LeB)					NWI classific	ation: <u>no</u>	ne	
Are climatic / hydro	ologic conditions on the site typical for this time o	of year?		Yes	X No	(If no, explain	in Remarks.)			
Are Vegetation	<u>N</u> , Soil <u>N</u>	, or Hydrology	N significantly dis	sturbed?	Are "Norm	al Circumstances" pr	esent?	Yes X	<u> No </u>	
Are Vegetation	<u>N</u> , Soil <u>N</u>	, or Hydrology	N naturally proble	ematic?	(If needed	, explain any answers	s in Remarks.)			
SUMMARY OF	FINDINGS Attach site map show	ing sampling point loca	ations, transects, im	portant featur	res, etc.					
Hydrophytic Ve	egetation Present?	Yes	No <u>x</u>	Is the	Sampled Ar	ea				
Hydric Soil Pre	esent?	Yes	No <u>x</u>	withir	n a Wetland?		Yes	No	Х	
Wetland Hydro	logy Present?	Yes	No <u>X</u>	_						
Remarks:										
	Use scientific names of plants									
			Absolute	Dominant	Indicator					
Tree Stratum (Plot	t size: 30' radius)		% Cover	Species?	Status	Dominance Test	worksheet:			
1. Morus alba			35%	Yes	FAC					
2. Prunus serotin	а		25%	Yes	FACU	Number of Domina	ant Species			
3. Gleditsia triaca	anthos		10%	No	FACU	That Are OBL, FA	CW, or FAC:	1	(A	۹)
4										
5						Total Number of D	ominant			
			70%	= Total Cover		Species Across Al	l Strata:	6	(E	3)
Sapling/Shrub Stra	tum (Plot size: 15' radius)					Percent of Domina	ant Species			
1. <i>Lonicera maac</i>	skii		35%	Yes	UPL	That Are OBL, FA	CW, or FAC:	17	<u>%</u> (A	\/В)
2. Prunus serotin	а		10%	Yes	FACU					
3										
4						Prevalence Index	worksheet:			
5.										
			45%	= Total Cover		Total % C	Cover of:	M	ultiply by:	(5)
Harb Stratum (Dla	t aiza: E' radiua)					OBL appacies	SW, or FAC:		Al	/B
			250/	Vac	וסו					
1. Zea mays			20%	Yes		FACW species	35%	X2	1.05	
			2070	165	FACO	FAC species	65%		2.60	
3							60%	- ^+	3.00	
5						Column Totale	160%	(A)	6.65	(B)
6							100 /0		0.00	(0)
7						Preval	ence Index = B/	Α =	4 16	
8						11074				
9										
10.						Hvdrophytic Vea	etation Indicato	rs:		
11.										
12.						1-Rapid	Fest for Hydroph	vtic Vegetatio	งท	
13.						2-Domina	ance Test is >50	%		
14.						3-Prevale	ence Index is ≤3	.0 ¹		
15.						4-Morpho	ological Adaptati	ons ¹ (Provide	supporting	
16.						data in F	Remarks or on a	separate she	et)	
17.						Problem	atic Hydrophytic	Vegetation ¹ ((Explain)	
18.										

18 19 20	45%	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.		= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: (Include photo numbers here or on a separate sheet.)			

Profile Desc	cription: (Describe to	the depth needed	I to document the in	dicator or co	onfirm the al	bsence of	indicators.)	
Depth (inches)			Calar (maint)		Tuno ¹	1.5.52	Tautuma	Damarka
(inches)	Color (moist)	%	Color (moist)	%	Туре	Loc	lexture	Remarks
0-3"	10YR 3/2	100					Loam	
3-18"	10YR 4/2	100					Clay Loam	
					·			
¹ Type: C=C	Concentration, D=Deple	tion, RM=Reduced	d Matrix, CS=Covered	d or Coated S	Sand Grains.	² Locatio	on: PL=Pore Linin	g, M=Matrix.
Hydric Soil	Indicators ³ :					Test	Indicators of Hyd	Iric Soils:
Histos	ol (A1)		Sandy Gleye	d Matrix (S4)	1		Iron-Manga	anese Masses (F12)
Histic I	Epipedon (A2)		Sandy Redox	(S5)			Very Shall	ow Dark Surface (F22)
Black I	Histic (A3)		Stripped Mat	rix (S6)			Other (Exp	lain in Remarks)
Hydrog	jen Sulfide (A4)		Dark Surface	(S7)				
Stratifi	ed Layers (A5)		Loamy Mucky	y Mineral (F1)			
2 cm N	luck (A10)		Loamy Gleve	d Matrix (F2))			
Deplet	ed Below Dark Surface	(A11)	Depleted Mat	trix (F3)				
Thick I	Dark Surface (A12)	· · /	Redox Dark S	Surface (F6)			³ The hydric soil i	ndicators have been updated to
Sandy	Mucky Mineral (S1)		Depleted Dar	k Surface (F	7)		comply with th	he Field Indicators of Hydric Soils
5 cm N	lucky Peat or Peat (S3)	Redox Depre	ssions (F8)			in the United	<i>States</i> , Version 8.0, 2016.
Restrictive	aver (if observed):							
Type:								
Depth (inches):					Hvdric	Soil Present?	Yes No X
HYDROL	OGY							
Wetland Hy	drology Indicators:						1	
Primary Indi	cators (minimum of one	e is required: check	call that apply)				Secondary Indica	ators (minimum of two required)
Surfac	e Water (A1)		Water-Staine	d Leaves (B	9)		Surface So	bil Cracks (B6)
High W	/ater Table (A2)		Aquatic Faun	ia (B13)			Drainage F	Patterns (B10)
Satura	tion (A3)		True Aquatic	Plants (B14))		Dry-Seaso	n Water Table (C2)
Water	Marks (B1)		Hydrogen Su	lfide Odor (C	:1)		Crayfish B	urrows (C8)
Sedim	ent Deposits (B2)		Oxidized Rhiz	zospheres or	n Living Root	s (C3)	Saturation	Visible on Aerial Imagery (C9)
Drift D	eposits (B3)		Presence of I	Reduced Iror	n (C4)		Stunted or	Stressed Plants (D1)
Algal N	lat or Crust (B4)		Recent Iron F	Reduction in	Tilled Soils (0	C6)	Geomorph	ic Position (D2)
Iron De	eposits (B5)		Thin Muck Su	urface (C7)			FAC-Neutr	al Test (D5)
Inunda	tion Visible on Aerial In	nagery (B7)	Gauge or We	ell Data (D9)				
Sparse	ely Vegetated Concave	Surface (B8)	Other (Explai	n in Remarks	s)			
Field Obser	vations:							
Surface Wa	ter Present?	Yes No X	Depth (inches)	: N/A				
Water Table	Present?	Yes No X	Depth (inches)	: N/A				
Saturation F	Present?	Yes No X	Depth (inches)	N/A	Wetland	Hydrolog	gy Present?	Yes NoX
(includes ca	pillary fringe)							
Describe Re	ecorded Data (stream g	auge, monitoring v	vell, aerial photos, pre	evious inspec	ctions), if ava	ilable:		
Remarks								
i tomunto.								

Project/Site:	Pleasant Prairie			City/County	: Galloway/Frank	lin	Sampling Date: 9/30/2020
Applicant/Owner:	Inenergy			State	: OH	Sampling Point:	dp121
Investigator(s):	C Renskers				Section, Townsh	ip, Range: N/A	
Landform (hillslope,	, terrace, etc.): Summ	t			Loc	al relief (concave, convex, none):	none
Slope (%):	0% Lat:	39.9124		Long:		-83.1882	Datum: NAD83 UTM16N
Soil Map Unit Name	e: Kokomo silty clay loam, 0 to 2 percent s	opes (Ko)				NWI classif	ication: none
Are climatic / hydrol	logic conditions on the site typical for this	ime of year?		Yes	X No	(If no, explain in Remarks.)	
Are Vegetation	N, Soil	N , or Hydrology	N significantly of	listurbed?	Are "Norm	al Circumstances" present?	Yes X No
Are Vegetation	N, Soil	N, or Hydrology	N naturally prob	lematic?	(If needed,	explain any answers in Remarks.)	
SUMMARY OF	FINDINGS Attach site map s	howing sampling point loo	ations, transects, i	mportant featur	res, etc.		
Hydrophytic Ve	getation Present?	Yes	No	ls the	Sampled Ar	ea	
Hydric Soil Pres	sent?	Yes x	No	withir	n a Wetland?	Yes	No
Wetland Hydrol	logy Present?	Yes	No <u>x</u>				
Remarks:							
	Use scientific names of plant	S.	Absolute	Dominant	Indicator		
Tree Stratum (Plot	size: 30' radius)		% Cover	Species?	Status	Dominance Test worksheet:	
1.							
2.						Number of Dominant Species	
3.						That Are OBL, FACW, or FAC:	(A)
4.							
5.						Total Number of Dominant	
				= Total Cover		Species Across All Strata:	(B)
Sapling/Shrub Strat	um (Plot size: 15' radius)					Percent of Dominant Species	
1						That Are OBL, FACW, or FAC:	(A/B)
2							
3.							
4						Prevalence Index worksheet:	
5.							
r				= Total Cover		Total % Cover of:	Multiply by:
						That Are OBL, FACW, or FAC:	A/B
Herb Stratum (Plot	size: 5' radius)					OBL species	x1 =
1						FACW species	x2 =
<u>∠.</u>			·				x3 =
3							x4 =
+						Column Totala	(A) (D)
							(^D)
0 7						Provalence Index -	2/4 -
8							
9							
10						Hydrophytic Vegetation Indica	tors:
11.							
12.						1-Rapid Test for Hydror	phytic Vegetation
13.						2-Dominance Test is >	50%
14.						3-Prevalence Index is ≤	·3.0 ¹
15.						4-Morphological Adapta	itions ¹ (Provide supporting
16.						data in Remarks or on	a separate sheet)
17.						Problematic Hydrophyt	ic Vegetation ¹ (Explain)
18.						<u> </u>	

18	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30' radius) 1.	= Total Cover	Hydrophytic Vegetation Present? Yes No
Remarks: (Include photo numbers here or on a separate sheet.) Tilled Agricultural Field		

Profile Desc	ription: (Describe to t	he depth neede	d to document the in	ndicator or co	onfirm the a	bsence o	f indicators.)	
Depth (inchoo)	Wallix	0/	Color (maint)		Tuno ¹	l aa ²	Toyturo	Demortes
(inches)			Color (moist)	70	Туре	LOC	Texture	Remarks
	10YR 3/2	100					Loam	
3-16"	10YR 3/1	97	10YR 3/4	3	С	m	Clay Loam	
							·	
¹ Type: C=C	oncentration, D=Depleti	on, RM=Reduce	ed Matrix, CS=Covere	d or Coated S	Sand Grains.	² Locati	ion: PL=Pore Lining	g, M=Matrix.
Hydric Soil I	ndicators ³ :					Tes	t Indicators of Hyd	ric Soils:
Histoso	l (A1)		Sandy Gleye	ed Matrix (S4)			Iron-Manga	anese Masses (F12)
Histic E	pipedon (A2)		Sandy Redo	ox (S5)			Very Shallo	ow Dark Surface (F22)
Black H	istic (A3)		Stripped Ma	trix (S6)			Other (Exp	lain in Remarks)
Hydroge	en Sulfide (A4)		Dark Surfac	e (S7)				
Stratifie	d Layers (A5)		Loamy Mucl	ky Mineral (F1)			
2 cm M	uck (A10)		Loamy Gley	ed Matrix (F2))			
Deplete	d Below Dark Surface (A11)	Depleted Ma	atrix (F3)			3	
Thick D	ark Surface (A12)		X Redox Dark	Surface (F6)			³ The hydric soil ir	ndicators have been updated to
Sandy I	Mucky Mineral (S1)		Depleted Da	ark Surface (F	7)		comply with th	ne Field Indicators of Hydric Soils
5 cm M	ucky Peat or Peat (S3)		Redox Depr	essions (F8)			in the United S	States , Version 8.0, 2016.
Restrictive L	ayer (if observed):							
Type:							0.11.0	X X
Depth (II	nches):					Hydric	Soil Present?	Yes <u>X</u> NO
HYDROLO	DGY							
Wetland Hvd	rology Indicators							
Primary Indic	ators (minimum of one	is required: che	ck all that apply)				Secondary Indica	ators (minimum of two required)
Surface	Water (A1)		Water-Stain	ed Leaves (B	9)		Surface So	il Cracks (B6)
—— High W	ater Table (A2)		Aquatic Fau	na (B13)	- /		Drainage P	Patterns (B10)
Saturat	on (A3)		True Aquatio	c Plants (B14))		Drv-Seasor	n Water Table (C2)
Water M	/larks (B1)		Hydrogen S	ulfide Odor (C	:1)		Crayfish Bu	urrows (C8)
Sedime	nt Deposits (B2)		Oxidized Rh	izospheres or	n Living Root	s (C3)	Saturation	Visible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence of	Reduced Iror	n (C4)		Stunted or	Stressed Plants (D1)
Algal M	at or Crust (B4)		Recent Iron	Reduction in	Tilled Soils (0	C6)	Geomorphi	c Position (D2)
Iron De	posits (B5)		Thin Muck S	Surface (C7)			FAC-Neutra	al Test (D5)
Inundat	ion Visible on Aerial Ima	agery (B7)	Gauge or W	ell Data (D9)				
Sparsel	y Vegetated Concave S	Surface (B8)	Other (Expla	ain in Remarks	s)			
Field Observ	ations:							
Surface Wate	er Present?	Yes No	X Depth (inches	s): N/A				
Water Table	Present?	Yes No	X Depth (inches	s): N/A				
Saturation Pr	resent?	Yes No 2	X Depth (inches	s): N/A	Wetland	Hydrolo	gy Present?	Yes <u>No X</u>
(includes cap	illary fringe)							
Describe Re	corded Data (stream ga	uge, monitoring	well, aerial photos, p	revious inspec	ctions), if ava	ilable:		
Remarks:								
1								

Project/Site:	Pleasant Prairie						City/County	: Galloway/Fran	klin		Sampling Da	te: 10/1/202	20
Applicant/Owner:	Inenergy						State	: <u>OH</u>	Sampling Poir	nt:	dp1	22	
Investigator(s):	C Renskers							Section, Towns	hip, Range: <u>N/A</u>				
Landform (hillslope	e, terrace, etc.): Su	ımmit						Lo	cal relief (concave, co	onvex, none): <u>no</u>	one		
Slope (%):	0% Lat:			39.938			Long:		-83.1962		Datum: N	AD83 UTM1	16N
Soil Map Unit Nam	e: Lewisburg-Crosby complex, 2 to 6 p	percent slopes (l	_eB)							NWI classific	ation: <u>no</u>	one	
Are climatic / hydro	logic conditions on the site typical for t	this time of year	?				Yes	X No	(If no, explain	in Remarks.)			
Are Vegetation	N , Soil	Ν	, or Hydr	ology	Ν	significantly dis	turbed?	Are "Norm	nal Circumstances" pr	esent?	Yes	X_No	
Are Vegetation	N , Soil	Ν	, or Hydr	ology	Ν	naturally proble	matic?	(If needed	l, explain any answers	s in Remarks.)			
SUMMARY OF	FINDINGS Attach site ma	p showing s	sampling	g point lo	cations, tr	ransects, im	portant featu	res, etc.					
Hydrophytic Ve	egetation Present?		Yes		N	o <u>x</u>	Is the	Sampled A	rea				
Hydric Soil Pre	sent?		Yes	Х	N	0	withir	n a Wetland?	?	Yes	No	Х	
Wetland Hydro	logy Present?		Yes		N	o <u>X</u>	_						
Remarks:													
	lles scientific nomes of al	ente.											
	use scientific names of pl	ants.				Ahsolute	Dominant	Indicator					
Tree Stratum (Plot	t size: 30' radius)					% Cover	Species?	Status	Dominance Test	worksheet:			
1.	,												
2.									Number of Domina	ant Species			
3.						·			That Are OBL, FA	CW, or FAC:		0	(A)
4.						·							
5.									Total Number of D	ominant			
							= Total Cover		Species Across A	ll Strata:		2	(B)
Sapling/Shrub Stra	tum (Plot size: 15' radius)								Percent of Domina	ant Species			
1.									That Are OBL, FA	CW, or FAC:	0	%	(A/B)
2.													
3.													
4.									Prevalence Index	worksheet:			
5.													
							= Total Cover		Total % 0	Cover of:	N	lultiply by:	
									That Are OBL, FA	CW, or FAC:			A/B
Herb Stratum (Plot	t size: 5' radius)								OBL species		x1 =		
1. <u>Setaria faberi</u>						30%	Yes	FACU	FACW species	10%	x2 =	0.20	
2. Glycine max						15%	Yes	UPL	FAC species		x3 =		
3. Panicum dicho	tomiflorum					10%	No	FACW	FACU species	30%	x4 =	1.20	
4									UPL species	15%	x5 =	0.75	
5									Column Totals:	55%	(A)	2.15	(B)
6													
7									Preva	lence Index = B/	A =	3.91	
8													
9													
10									Hydrophytic Veg	etation Indicato	rs:		
11													
12									1-Rapid	Fest for Hydroph	ytic Vegetati	on	
13									2-Domina	ance Test is >50	%		
14									3-Prevale	ence Index is ≤3	U 1 -		
15						·			4-Morpho	ological Adaptati	ons (Provide	e supporting	1
16									data in F	Remarks or on a	separate sh	eet)	
17						·			Problem	atic Hydrophytic	vegetation'	(Explain)	
18.													

18. 19. 20.	 	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.							
Woody Vine Stratum (Plot size: 30' radius) 1 2	 = Total Cover	Hydrophytic Vegetation Present? Yes No X							
Remarks: (Include photo numbers here or on a separate sheet.)									
Profile Desc	cription: (Describe to	the depth need	ed to document the i	ndicator or c	onfirm the a	bsence o	f indicators.)		
-------------------------	---------------------------	------------------	--	----------------	--------------------	--------------------	--	--------------------------------	--
Depth	Matrix			dox Features	Turna ¹	1 2	- -	Deve entre	
(inches)			Color (moist)	%	туре	LOC	Texture	Remarks	
0-2"	10YR 4/2	100			·		Clay Loam		
2-16"	10YR 4/2	98	10YR 5/6	2	С	m	Clay Loam		
					·				
					·				
¹ Type: C=C	Concentration, D=Deple	tion, RM=Reduc	ed Matrix, CS=Covere	ed or Coated	Sand Grains.	² Locat	ion: PL=Pore Lining	ı, M=Matrix.	
Hydric Soil	Indicators ³ :		,			Tes	t Indicators of Hyd	ric Soils:	
Histoso	ol (A1)		Sandy Gleye	ed Matrix (S4))		Iron-Manga	inese Masses (F12)	
Histic E	Epipedon (A2)		Sandy Redox (S5)				Very Shallow Dark Surface (F22)		
Black H	Histic (A3)		Stripped Ma	trix (S6)			Other (Explain in Remarks)		
Hvdroo	en Sulfide (A4)		Dark Surfac	e (S7)					
Stratifie	ed Lavers (A5)		Loamy Much	v Mineral (F1	1)				
2 cm M	luck (A10)		Loamy Glev	ed Matrix (F?	· ,)				
Denlet	ed Below Dark Surface	(A11)	X Depleted M	atrix (F3)	,				
Thick F	Dark Surface (A12)		Bepleted Ma Redox Dark	Surface (F6)			³ The hydric soil ir	dicators have been undeted to	
Sandy	Mucky Mineral (S1)			ark Surface (F	7)		comply with the Field Indicators of Lydric Soils		
5 cm M	lucky Peat or Peat (93)		Reday Depresed De	essions (FR)	• /		in the United States Version 8.0, 2016		
							in the onited o		
Restrictive I	Layer (if observed):								
Type:									
Depth (inches):					Hydric	Soil Present?	Yes X No	
Primary Indi	cators (minimum of one	is required che	eck all that apply)				Secondary Indica	tors (minimum of two required)	
Surface	e Water (A1)	lo required. ent	Water-Stain	ed Leaves (B	9)		X Surface So	il Cracks (B6)	
	(otor Toble (A2)			na (P12)	0)			etterne (B10)	
	tion (A2)		Aquatic Faulta (B13)				Drainage Fatterns (BT0)		
Saturation (A3)			Hydrogen Sulfide Odor (C1)				Dry-Season Water Table (C2)		
Water Marks (B1)			Hydrogen Sullide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)				Saturation Visible on Aerial Imagery (C9)		
	eni Deposits (D2)		Presence of Reduced Iron (C4)				Stunted or Stressed Plants (D1)		
			Presence of Reduced from (C4)						
Algal Mat or Crust (B4)			Recent Iron Reduction In Tilled Solis (C6)				EAC Neutral Test (D5)		
Iron De								al Test (D5)	
Inunda	tion Visible on Aerial In	agery (B7)	Gauge or Well Data (D9)						
Sparse	ely Vegetated Concave	Surface (B8)	Other (Expla	ain in Remark	s)				
Field Obser	vations:								
Surface Wat	ter Present?	Yes No	X Depth (inches	s): N/A					
Water Table	Present?	Yes No	X Depth (inches	s): <u>N/A</u>					
Saturation P	Present?	Yes No	X Depth (inches	s): N/A	Wetland	Hydrolo	gy Present?	Yes NoX	
(includes ca	pillary fringe)								
Describe Re	ecorded Data (stream g	auge, monitorinę	g well, aerial photos, p	revious inspe	ctions), if ava	ilable:			
Domostre									
rtemarks:									

Wetland and Waterbody Delineation Report Pleasant Solar Energy Project

APPENDIX



STREAM ASSESSMENT FORMS

ChieEPA Primary Headwater Habitat Evaluation Form HHEI Score (sum of metrics 1, 2, 3) :

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	SITE NAME/LOCATION Pleasant P	rairie				
	SITE NUMBER S001	RIVER BASIN	Upper Scioto	DRAIN	AGE AREA (mi ²)	0.76
LE	NGTH OF STREAM REACH (ft 1853	2 LAT 39.9229	82 LONG -83.19	0695 RIVER CODE	RIVER MILE	
DA	ATE 9/30/2020 SCORER M R	leed	COMMEN	TS		
N	DTE: Complete All Items On This F	orm - Refer to "Fie	eld Evaluation Manua	l for Ohio's PHWH Strea	ams" for Instruction	5
ST	REAM CHANNEL	URAL CHANNEL	X RECOVERED	RECOVERING	RECENT OR N	O RECOVERY
N	IODIFICATIONS:					
1 51	IBSTRATE (Est % of every type of s	ubstrate present	Check ONLY 2 prede	minant substrate TVPF	boxes (Max of 40)	
1. 30 Ad	Id total number of significant subst	rate types found (Max of 8). Final metr	ic score is A + B.		HHEI
TY	<u>PE</u>	PERCENT	TYPE		PERCENT	Metric
	BLDR SLABS [16 pts]	[X SILT [3 PTS]		70	Points
	BOULDER (>256mm) [16 pts]		LEAF PACK/WOC	DY DEBRIS [3 PTS]		
	BEDROCK [16 PTS]		FINE DETRITUS [3 PTS]		Substrate
	COBBLE (65-256mm) [12 pts]		CLAY or HARDPA	N [O PT]		iviax = 40
	GRAVEL (2-64mm) [9 pts]	10		c1		
	SAND (<2mm) [6 pts]			ວງ		12
	Total of Percentages of Bldr	(A)			(B)	
Sla	abs, Boulder, Cobble, & Bedrock		9		3	A L P
3001	TE OF 2 MOST PREDOMINANT SOB	STRATE TIPES.		WIDER OF SUBSTRATE I		A T D
2. M	aximum Pool Depth (<i>Measure the</i>	maximum pool de	opth within the 61m (200') evaluation reach a	at the time of	Pool Denth
ev	aluation. Avoid plunge pools from	road culverts or s	torm water pipes) (C	heck ONLY one box):		Max = 30
	>30 centimeters [20 pts]		>5 cm - 10 cm [1	5 pts]		
	>22.5 - 30 cm [30 pts]	[<5 cm [5 pts]			
X	>10 - 22.5 cm [25 pts]	[NO WATER OR N	OIST CHANNEL [0 pts]	12	25
	COMMENTS		MAXIMUM	POOL DEPTH (centime	,ters). 13	
_				rroot ber m (centime		
3. BA	NK FULL WIDTH (Measured as the	average of 3-4 m	easurements) (Che	ck ONLY one box):		Bankfull
	>4.0 meters (>13') [30 pts]		>1.0 m - 1.5 m (>	·3'3" - 4'8") [15 pts]		Width
X	>3.0 m - 4.0 m (>9'7" - 13') [25 p	ts]	≤1.0 m (≤ 3'3") [!	5 pts]		Max = 30
	>1.5 m - 3.0 m (>4'8" - 9'7") [20	pts]	_			2
	COMMENTS		AVFRAG	F BANKFULL WIDTH (m	eters) 3.5	25
		This inform	ation must also be co	mpleted		
	RIPARIAN ZONE AND FLOODPLA	AIN QUALITY * N	NOTE: River Left (L) ar	id Right (R) as looking do	ownstream	
	RIPARIAN WIDTH	FLOODP	LAIN QUALITY			
	R (Per Bank)	L R (Most Pi	redominant per Bank)			1
H	Moderate 5-10m	Immature	Forest, Wetland re Forest. Shrub. or O	ld Field	Urban or Indust	rial
X	X Narrow <5m	Residen	tial, Park, New Field	XX	Open Pasture, R	ow Crop
	None	Fenced	Pasture		Mining or Const	ruction
	Comments					
	FLOW REGIME (At Time of Evalu	ation) (Check ON	LY ONE DOX):	annal isolatod pools no	flow (Intermittent)	
H	Subsurface flow with isolated po	ools (Interstitial)	Dry chan	nel, no water (Ephemera	al)	
	Comments					
_	SINUOSITY (Number of bends pe	e <u>r 6</u> 1m (200ft) of c	hannel) <u>(Ch</u> eck ONLY	one box):		
	None 0.5	1.0	2.0		.U 3	
	0.0	L. 1.5				
ST	Elat (0 5ft/100ft)	derate 🗖	Moderate (2ft/100ft)	Moderate to So		I 0ft /100f+)
X						10010

ADDITIONAL STREAM INFORMATION (This II	nformation Must Also be	Completed): S001		
QHEI PERFORMED? 🗌 Yes 🔽 No	QHEI Score (If Yes, Atta	ch Completed QHEI Form)		
DOWNSTREAM DESIGNATED USE(S)				
WWH Name: Di	istance from Evaluated Stream			
CWH Name: Di	Distance from Evaluated Stream			
EWH Name: Di	Distance from Evaluated Stream			
MAPPING: ATTACH COPIES OF MAPS, INCLU	DING THE <u>ENTIRE</u> WATERSHED	AREA. CLEARLY MARK THE SITE LOCATION		
USGS Quadrangle Name:	NRCS Soil Map Page:	NRCS Soil Map Stream Order		
County:	Township/City:			
MISCELLANEOUS				
Base Flow Conditions? (Y/N): Y Date of last precipit	ion:	Quantity:		
Photographer Information:				
Elevated Turbidity? (Y/N): N Canopy (% c	open):			
Were samples collected for water chemistry? (Y/N):	N (Note lab sample no	o. or id. And attach results) Lab Number:		
Field Measures: Temp (°C) Dissolved Oxy	ygen (mg/l) pH (S.U.)	Conductivity (µmhos/cm)		
Is the sampling reach representative of the stream? (Y/N	I) Y If not, please ex	plain:		
Additional comments/description of pollution impacts				
—				
BIOTIC EVAULATION				
Performed? (Y/N): <u>N</u> (If Yes, Record all observations ID number. Include appopriate	. Voucher collections optional. e field data sheets from the Prim	NOTE: all voucher samples must be labeled with the site nary Hedwater Habitat Assessment Manual)		
Fish observed? (Y/N; N Voucher(Y/N] N	Salamander Observed? (Y/N)	N Voucher? (Y/N) N		
Frogs or Tadpoles Observed? (Y/N) N Voucher(Y/N	N) N Aquatic Macroinver	tebrates Observed? (Y/N) N Voucher? (Y/N) N		
Comments Regarding Biology				

DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This <u>must</u> be completed):

Include important landmarks and other features of Interest for site evaluation and a narrative description of the stream's location

 $FLOW \longrightarrow$

ChieEPA Qualitative Habitat Evaluation Index and Use Assessment Field Sheet	QHEI Score:	48.50
Stream & Location:S301Galloway, OhioRM:	Date:	11/6/2020
Kaitlin Hillier Scorers Full Name & Affiliation:	Cardno	Office verified
River Code: STORET #: Lat/ Long: 3	39.9581 / -83.1840	location
1] SUBSTRATE Check ONLY Two substrate TYPE BOXES; estimate % or note every type present Check ONE (Or . BEST TYPES POOL RIFFLE OTHER TYPES POOL RIFFLE ORIGIN BLDR /SLABS [10] HARDPAN [4] LIMESTONE [1] X TILLS [1] X TILLS [1] BOULDER [9] 15 DETRITUS [3] X TILLS [1] WETLANDS [0] X GRAVEL [7] 70 SILT [2] 10 HARDPAN [0] SAND [6] 5 GRAVEL [7] SILT [2] 10 SANDSTONE [0] BEDROCK [5] Graves [1] X or nore [2] Sources) SANDSTONE [0] SANDSTONE [0] NUMBER OF BEST TYPES: 4 or more [2] Sources) Sources) SHALE [-1] SHALE [-1]	2 & average) QUALITY HEAVY [-2] MODERATE [-1 X NORMAL [0] FREE [1] EXTENSIVE [-2 X MODERATE [-1 NORMAL [0] NONE [1]] Substrate 15.0 Maximum 20
COAL FINES [-2] Coal fines quality; 2-Moderate amounts, but not of highest quality or in small amounts of highest quality; 3-Highest quality in moderate or greater amounts (e.g., very large boulders in deep or fast water, large diameter log that is stable, well 1 UNDERCUT BANKS [1] developed rootwad in deep / fast water, or deep, well-defined, functional pools. 1 OVERHANGING VEGETATION [1] 0 POOLS > 70cm [2] 0 OXBOWS, BACKWATERS [1] 0 SHALLOWS (IN SLOW WATER) [1] 0 BOULDERS [1] 2 LOGS OR WOODY DEBRIS [1] 0 ROOTMATS [1] 0 BOULDERS [1] 2 LOGS OR WOODY DEBRIS [1]	ginal AMOUNT Check ONE (Or 2 & aver EXTENSIVE >75% [11 MODERATE 25-75% [X SPARSE 5-<25% [3] NEARLY ABSENT <5%	age)] 7] 6 [1] Cover num 20
3] CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average) SINUOSITY DEVELOPMENT CHANNELIZATION STABILITY HIGH [4] EXCELLENT [7] NONE [6] HIGH [3] MODERATE [3] GOOD [5] RECOVERED [4] MODERATE [X LOW [2] X FAIR [3] X RECOVERING [3] LOW [1] POOR [1] POOR [1] RECENT OR NO RECOVERY [1] LOW [1]	Y [2] 	hannel aximum 20
4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 p River right looking downstream L R RIPARIAN WIDTH L R FLOOD PLAIN QUALITY L L R EROSION WIDE > 50m [4] FOREST, SWAMP [3] L FOREST, SWAMP [3] L X NONE / LITTLE [3] MODERATE 10-50m [3] SHRUB OR OLD FIELD [2] RESIDENTIAL, PARK, NEW FIELD [1] HEAVY / SEVERE [1] X VERY NARROW < 5m [1]	er bank & average) R CONSERVATION TILL URBAN OR INDUSTR MINING / CONSTRUC dicate predominant land e(s) past 100m riparian.	AGE [1] AL [0] TION [0] parian ximum 4.5
		10
Signed Coll / GLIDE AND RIFFLE / RON GOALITY MAXIMUM DEPTH Check ONE (ONLY!) CHANNEL WIDTH Check ONE (Or 2 & average) CURRENT VELOCITY Check ALL that apply > 1m [6] X POOL WIDTH > RIFFLE WIDTH [2] TORRENTIAL [-1] X SLOW [1] 0.7-<1m [4]	Recreation Pote Primary Conta Secondary Con (check one and common -2]	ntial http://www.com/ tact X htton back)
0.2-<0.4m [1]	C Maxim	urrent 6.0
Comments Indicate for functional riffles; Best areas must be large enough to support a popul of riffle-obligate species: Check ONE (Or 2 & average). RIFFLE DEPTH BEST AREAS > 10cm [2] X BEST AREAS 5-10cm [1] X MAXIMUM < 50cm [1]	The second secon	<u>etric=0]</u> DNESS
BEST AREAS < 5cm UNSTABLE (e.g., Fine Gravel, Sand) [0] X [metric=0]	MODERATE [0] EXTENSIVE [-1] Ma	Run 3.0 ximum
Comments 6] GRADIENT DRAINAGE AREA (3.900 mi ⁺) HIGH - VERY HIGH [10-6] %RUN: 45%	GLIDE: 0% Gra Ma RIFFLE: 30%	adient ximum 10

A] SAMPLED REACH

Check ALL that apply



Stream Drawing:

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Summary: Application - 5 of 25 (Exhibit C - Wetland and Waterbody Delineation Report) electronically filed by Christine M.T. Pirik on behalf of Pleasant Prairie Solar Energy LLC