WETLAND DELINEATION REPORT

SHOVEL READY SITE

Prepared for:

ALLEN COUNTY
DEPARTMENT OF PLANNING SERVICES
630 CITY-COUNTY BUILDING
1 EAST MAIN STREET
FORT WAYNE, IN 46802-1804

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EXECUTIVE SUMMARY

A wetland delineation of the 225 acres Shovel Ready site (Allen County, Indiana) was completed on 06 April 2006. The wetland delineation was performed using the routine on-site determination method as set forth by the 1987 *Corps of Engineers Wetlands Delineation Manual.*

Under Sections 404 and 401 of the Clean Water Act, the ACOE and/or the Indiana Department of Environmental Management (IDEM), have jurisdiction over *waters of the United States*. This includes wetlands and other *waters* with an identifiable connection to interstate commerce. *Waters* not regulated under Section 401 and 404 of the Clean Water Act are regulated by the State of Indiana under IC 13-18-22.

Any activity that involves the placement of fill, and/or excavation within these jurisdictional areas may require notification and authorization of the appropriate regulatory agency. Jurisdictional status of *waters of the United States* within this report are based on *Earth Source*, Inc.'s interpretation of the *SWANCC v. US Army Corps of Engineers* decision and related communications with ACOE Division and District personnel.

As illustrated by the attached wetland delineation plan (S5), a total of 3,090 linear feet of drain and 3.56 acres of wetland were delineated as *waters of the United States* within the limits of the Shovel Ready site. The delineated *waters of the United States* are contained in twenty (20) sections within the property boundary. In addition, 0.50 acres of isolated, excavated pond was identified on the Shovel Ready site.

TABLE 1. SUMMARY OF WATERS ON SHOVEL READY SITE

WATERS OF THE UNITED STATES

Section	Size	Description
I	0.86 acre	Forested Wetland
II	3,090 linear feet	Channel
III	0.03 acre	Scrub-shrub Wetland
IV	0.30 acre	Forested Wetland
V	0.01 acre	Ephemeral Drain
VI	0.01 acre	Emergent Wetland
VII	0.03 acre	Forested Wetland
VIII	0.51 acre	Forested Wetland
IX	0.21 acre	Forested Wetland

Section	Size	Description
Х	0.06 acre	Scrub-shrub Wetland
XI	0.35 acre	Forested Wetland with Ephemeral Drain
XII	0.03 acre	Forested Wetland
XIII	0.03 acre	Forested, Scrub-shrub Wetland
XIV	0.61 acre	Forested Wetland
XV	0.06 acre	Forested Wetland
XVI	0.10 acre	Forested Wetland
XVII	0.02 acre	Forested Wetland
XVIII	0.26 acre	Scrub-shrub Wetland
XX	0.04 acre	Forested Wetland
XXI	0.04 acre	Forested Wetland
TOTAL	3.56 acres & 3,090 l.f.	

OTHER WATERS

Section	Size	Description
XIX	0.50 acre	Isolated, Excavated Pond
TOTAL	0.50 acre	

INTRODUCTION

A wetland delineation of the 225 acres Shovel Ready site (Allen County, Indiana) was completed on 06 April 2006 (limits of delineation noted on attached plans S2 – S9). The project is located in Section 20 of Lafayette Township, Allen County, Indiana (40° 57' 26"N, 85° 18' 28"W [NAD27]). The wetland delineation was performed using the routine on-site determination method as set forth by the 1987 Corps of Engineers Wetlands Delineation Manual (TRY-87-1).

METHODOLOGY

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

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

In order for an area to be subject to federal regulation, all three wetland criteria must be positively identified, and the area must meet the definition of *waters of the United States* found at 33 CFR 328.3 (a) as clarified by the *Solid Waste Agency of Northern Cook County v. United States Army Corps of Engineers*, No. 99-1178.

WETLAND DELINEATION SUMMARY

Twenty-one (21) distinct sections were identified within the project limits of the Shovel Ready site. Twenty sections were determined to be jurisdictional waters of the United States regulated by the Clean Water Act. Section XIX was identified as isolated, excavated pond and determined to be non-jurisdictional waters of the United States and is not regulated by the Clean Water Act.

Based on *Earth Source*, Inc.'s interpretation of *SWANCC v. U.S. Army Corps of Engineers*, 3,090 linear feet and 3.56 acres of *waters of the United States* were identified on site as one (1) channel, one (1) emergent wetland, one (1) ephemeral drain, three (3) scrub-shrub wetlands, one (1) forest, scrub-shrub wetland, one (1) forested wetland with ephemeral drain, and twelve (12) forested wetlands. A discussion of the delineated *waters* is presented below followed by a description of other waters found on the Shovel Ready site.

To give an overview of the delineated wetlands with exception of the isolated excavated pond on site, the wetlands on site occur in the southern limits of the property and are situated along the unnamed channel. The wetlands are associated with remnant oxbows and floodplain depressions.

Waters of the United States

SECTION I: Section I is a forested wetland located along the southwest portion of property. Section I is adjacent to and on the north side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section I is 0.86 acre of wetland. Below is a typical data point taken from within Section I (T1P12).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water stained leaves. The wetland hydrology criterion is met by the presence of primary and secondary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The subcanopy and vine strata were absent at the data station.

The canopy stratum was dominated by:

Eastern Cottonwood Populus deltoids FAC+
Green Ash Fraxinus pennsylvanica FACW

The herbaceous stratum was dominated by:

Stout Wood Reed Grass Cinna arundiacea FACW
Spotted touch me not Impatiens capensis FACW
Aster species Aster sp. OBL/FAC

SECTION II: Section II is an unnamed channel originates in the northeast corner of wood and flows southwesterly through the woods. This section flows off-site to the southwest into the Eight Mile Creek that flows into the Little River. Section I is identified as a *water of the United States* and delineated at the Ordinary High Water Mark (OHWM) within the Shovel Ready site. The OHWM was determined in the field by the present of a definitive bed and bank. As illustrated by the attached wetland delineation plan (S5), the delineated on-site length of Section II is 3,090 linear feet of channel. Below is a typical data point taken from within Section II (T1P16).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified inundation of three (3) inches to in this area. Primary indicators of hydrology include inundation. Secondary indicators of wetland hydrology, as defined by TRY-87-1, included the presence of a bed and bank structure. The wetland hydrology criterion is met by the presence of primary indicators.

Vegetation: The canopy, sub-canopy, herbaceous, and vine strata were absent within the Ordinary High Water Mark of the channel.

SECTION III: Section III is a scrub-shrub wetland located along the southern portion of property. Section III is adjacent to and on the south side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Scrubshrub Broad-Leaved Deciduous Seasonally Flooded (PSS1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section III is 0.03 acre of wetland. Below is a typical data point taken from within Section III (T1P8).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 3/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches, sediment deposits and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The canopy stratum was absent at the data station.

The subcanopy stratum was dominated by:

Green Ash Fraxinus pennsylvanica FACW Slippery Elm Ulmus rubra FAC Multiflora Rose Rosa multiflora FACU

The vine stratum was dominated by:

Poison Ivy Toxicodendron radicans FAC+

The herbaceous stratum was dominated by:

Spotted touch me not Impatiens capensis FACW
Virginia Wild Rye Elymus virginicus FACWCarex species Carex sp. OBL/FAC
Aster species Aster sp. OBL/FAC

SECTION IV: Section IV is a forested wetland located along the southwest portion of property. Section IV is adjacent to and on the south side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section IV is 0.30 acre of wetland. Below is a typical data point taken from within Section IV (T1P13).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified inundation of two (2) inches in this area. Primary indicators of hydrology include inundation, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The subcanopy stratum was absent at the data station.

The canopy stratum was dominated by:

Eastern Cottonwood Populus deltoids FAC+
Slippery Elm Ulmus rubra FAC

The vine stratum was dominated by:

River Bank Grape Vitis riparia FACW-

The herbaceous stratum was dominated by:

White Avens Geum candense FAC
Stout Wood Reed Grass Cinna arundiacea FACW
Aster species Aster sp. OBL/FAC
Carex species Carex sp. OBL/FAC

SECTION V: Section V is an ephemeral drain located in the southwestern portion of the property. Section V drains a forested wetland, Section XXI, on the upper bench of the floodplain to a forested wetland, Section I, on the lower bench of the floodplain that drains into the unnamed channel, Section II. Section V is identified as a *water of the United States* and delineated at the Ordinary High Water Mark (OHWM) within the Shovel Ready site. The OHWM was determined in the field by the present of a definitive bed and bank. As illustrated by the attached wetland delineation plan (S5), the delineated length of Section V is 0.01 acre of ephemeral drain. Below is a typical data point taken from within Section V (T1P31).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 3/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified inundation of two (2) inches to in this area. Primary indicators of hydrology include inundation, sediments deposits, drainage patterns of wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were not presence. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The canopy, subcanopy, and vine strata were absent at the data station.

The herbaceous stratum was dominated by:

Deer Tongue Switchgrass Dichanthelium clandestinum FACW Chufa Cyperus esculentus FACW

SECTION VI: Section VI is an emergent wetland located in the southwestern portion of the property. Section VI drains into a forested wetland, Section I, which drains into an unnamed channel, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Emergent Seasonally Flooded (PEMC) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section VI is 0.01 acre of wetland. Below is a typical data point taken from within Section VI (T1P29).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR

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4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified inundation in this area. Primary indicators of hydrology include inundation. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were not presence in this area. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The canopy, subcanopy, and vine strata were absent at the data station.

The herbaceous stratum was dominated by:

Deer Tongue Switchgrass	Dichanthelium clandestinum	FACW
Chufa	Cyperus esculentus	FACW
Carex species	Carex sp.	OBL/FAC

SECTION VII: Section VII is a forested wetland located along the southwest portion of property. Section VII is adjacent to and on the south side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section VII is 0.03 acre of wetland. Below is a typical data point taken from within Section VII (T1P26).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 3/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The vine stratum was absent at the data station.

The canopy stratum was dominated by:

Eastern Cottonwood Populus deltoids FAC+
Green Ash Fraxinus pennsylvanica FACW
Slippery Elm Ulmus rubra FAC

The subcanopy stratum was dominated by:

American Elder Sambucus canadensis FACW-

The herbaceous stratum was dominated by:

Carex species Carex sp. OBL/FAC
Spotted touch me not Impatiens capensis FACW
Narrowleaf Spring Beauty Claytonia virginica. FACU

SECTION VIII: Section VIII is a forested, scrub-shrub wetland located along the southwest portion of property. Section VIII is adjacent to and on the south side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested, Scrub-Shrub Broad-Leaved Deciduous Seasonally Flooded (PFO/SS1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section VIII is 0.51 acre of wetland. Below is a typical data point taken from within Section VIII (T1P45).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this area. Primary indicators of hydrology include saturation in upper twelve (12) inches, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The subcanopy stratum was absent at the data station.

The canopy stratum was dominated by:

Slippery Elm Ulmus rubra FAC
Green Ash Fraxinus pennsylvanica FACW
Swamp White Oak Quercus bicolor FACW+

The vine stratum was dominated by:

River Bank Grape Vitis riparia FACW-

The herbaceous stratum was dominated by:

Spotted touch me not Impatiens capensis FACW

SECTION IX: Section IX is a forested wetland located along the southwest portion of property. Section IX is adjacent to and on the north side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section IX is 0.21 acre of wetland. Below is a typical data point taken from within Section IX (T1P46).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at six (6) inches in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The vine stratum was absent at the data station.

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The canopy stratum was dominated by:

Eastern Cottonwood Populus deltoids FAC+

The subcanopy stratum was dominated by:

Gray Dogwood Cornus racemosa FACW-

The herbaceous stratum was dominated by:

Spotted touch me not Impatiens capensis FACW

SECTION X: Section X is a scrub-shrub wetland located along the southwest portion of property. Section X is adjacent to and on the north side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Scrubshrub Broad-Leaved Deciduous Seasonally Flooded (PSS1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section X is 0.06 acre of wetland. Below is a typical data point taken from within Section X (T1P40).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this area. Primary indicators of hydrology include saturation within the upper twelve (12) inches, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water-stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The canopy stratum was absent at the data station. The canopy and vine strata were absent at this data station.

The subcanopy stratum was dominated by:

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

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The herbaceous stratum was dominated by:

Carex species Carex sp. OBL/FAC Spotted touch me not Impatiens capensis FACW

SECTION XI: Section XI is a forested wetland with an ephemeral drain located along the southwest portion of property. Section X is adjacent to and on the north side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section XI is 0.35 acre of wetland and ephemeral drain. Below is a typical data point taken from within Section XI (T1P52).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water-stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species.

The canopy stratum was dominated by:

White Swamp Oak Quercus bicolor FACW+
Slippery Elm Ulmus rubra FAC

The subcanopy stratum was dominated by:

Gray Dogwood Cornus racemosa FACW-

The vine stratum was dominated by:

River Bank Grape Vitis riparia FACW-

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The herbaceous stratum was dominated by:

Spotted touch me not Impatiens capensis FACW
White Avens Geum candense FAC
Carex species Carex sp. OBL/FAC

SECTION XII: Section XII is a forested wetland located along the southwest portion of property. Section XII is adjacent to and on the north side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section XII is 0.03 acre of wetland. Below is a typical data point taken from within Section XII (T1P58).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/6 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were waterstained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The vine stratum was absent at this data station.

The canopy stratum was dominated by:

Swamp White OakQuercus bicolorFACW+Slippery ElmUlmus rubraFACGreen AshFraxinus pennsylvanicaFACWEastern CottonwoodPopulus deltoidsFAC+

The subcanopy stratum was dominated by:

Gray Dogwood Cornus racemosa FACW-

The herbaceous stratum was dominated by:

Spotted touch me not Impatiens capensis FACW Carex species Carex sp. OBL/FAC

SECTION XIII: Section XIII is a forested wetland located along the southwest portion of property. Section XIII is adjacent to and on the north side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section XIII is 0.03 acre of wetland. Below is a typical data point taken from within Section XIII (T1P41).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified inundation at two (2) inches in this area. Primary indicators of hydrology include inundation, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water-stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The subcanopy and vine strata were absent at this data station.

The canopy stratum was dominated by:

Green Ash Fraxinus pennsylvanica FACW Eastern Cottonwood Populus deltoids FAC+

The herbaceous stratum was dominated by:

Carex species Carex sp. OBL/FAC Stout Wood Reed Grass Cinna arundiacea FACW

SECTION XIV: Section XIV is a forested wetland located along the southwest portion of property. Section XIV is adjacent to and on the east side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section XIV is 0.61 acre of wetland. Below is a typical data point taken from within Section XIV (T1P50).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/6 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at six (6) inches in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water-stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species.

The canopy stratum was dominated by:

Green Ash Fraxinus pennsylvanica FACW
Slippery Elm Ulmus rubra FAC
Swamp White Oak Quercus alba FACW+

The subcanopy stratum was dominated by:

Multiflora Rose Rosa Multiflora FACU

The vine stratum was dominated by:

River Bank Grape Vitis riparia FACW-

The herbaceous stratum was dominated by:

Garlic Mustard

Spotted touch me not

Trout Lily

Alliaria petiolata

Impatiens capensis

FACW

FAC

FAC

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SECTION XV: Section XV is a forested wetland located on the upper bench of the floodplain along the southern portion of property. Section XV drains, via surface flow to an adjacent forested wetland, Section XIV, on the lower bench of the floodplain that drains into the unnamed channel, Section II. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section XV is 0.06 acre of wetland. Below is a typical data point taken from within Section XV (T1P51A).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species.

The canopy stratum was dominated by:

Green Ash Fraxinus pennsylvanica FACW

The herbaceous stratum was dominated by:

Carex species Carex sp. OBL/FAC

SECTION XVI: Section XVI is a forested wetland located along the southern portion of property. Section XVI is adjacent to and on the north side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section XVI is 0.10 acre of wetland. Below is a typical data point taken from within Section XVI (T1P64).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were waterstained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The subcanopy and vine strata were absent from this data station.

The canopy stratum was dominated by:

Swamp White Oak	Quercus bicolor	FACW+
Slippery Elm	Ulmus rubra	FAC
Green Ash	Fraxinus pennsylvanica	FACW

The herbaceous stratum was dominated by:

Grass species	Grass sp.	OBL/FAC
Spotted touch me not	Impatiens capensis	FACW
Cut-Leaf Toothwort	Cardamine concatenate	FACU
Carex sp.	Carex sp.	OBL/FAC
Trout Lily	Erythronium americanum	FAC

SECTION XVII: Section XVII is a forested wetland located near the eastern edge of property. Section XVII is adjacent to and on the west side of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section XVII is 0.02 acre of wetland. Below is a typical data point taken from within Section XVII (T1P66).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991).

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However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this area. Primary indicators of hydrology include saturation within the upper twelve (12) inches. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water-stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The subcanopy and vine strata were absent from this data station.

The canopy stratum was dominated by:

Swamp White Oak Quercus bicolor FACW+
Slippery Elm Ulmus rubra FAC
Green Ash Fraxinus pennsylvanica FACW

The herbaceous stratum was dominated by:

Carex sp. Carex sp. OBL/FAC
Spotted touch me not Impatiens capensis FACW
Narrowleaf Spring Beauty Claytonia virginica. FACU
Carex sp. OBL/FAC

SECTION XVIII: Section XVIII is a scrub-shrub wetland located near the eastern edge of property. Section XVIII is north of and is the beginning of an unnamed channel, Section II, which drains off-site to the southwest into the Eight Mile Creek that flows into the Little River. The Section is classified as a Palustrine Scrubshrub Broad-Leaved Deciduous Seasonally Flooded (PSS1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section XVIII is 0.26 acre of wetland. Below is a typical data point taken from within Section XVIII (T1P69).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/2 with 10YR 4/6 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water-stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The canopy stratum was absent from this data station.

The subcanopy stratum was dominated by:

Willow species Salix sp. OBL/FACW Gray Dogwood Cornus racemosa FACW-

The vine stratum was dominated by:

River Bank Grape Vitis riparia FACW-

The herbaceous stratum was dominated by:

Carex sp. Carex sp. OBL/FAC

SECTION XX: Section XX is a forested wetland located on the upper bench of the floodplain along the southern portion of property. Section XX drains, via surface flow to an adjacent forested wetland, Section XVI, on the lower bench of the floodplain that drains into the unnamed channel, Section II. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section XX is 0.04 acre of wetland. Below is a typical data point taken from within Section XX (T1P54).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/1 with 10YR 4/6 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches, sediment deposits, and drainage patterns in wetlands. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water-

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stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The subcanopy and vine strata were absent from this data station.

The canopy stratum was dominated by:

Green Ash Fraxinus pennsylvanica FACW

The herbaceous stratum was dominated by:

Carex species Carex sp. OBL/FAC Spotted touch me not Impatiens capensis FACW

SECTION XXI: Section XXI is a forested wetland located on the upper bench of the floodplain along the southern portion of property. Section XXI drains by an ephemeral drain, Section V, to a forested wetland, Section I, on the lower bench of the floodplain that drains into the unnamed channel, Section II. The Section is classified as a Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded (PFO1C) system. As illustrated by the attached wetland delineation plan (S5), the delineated area of Section XXI is 0.04 acre of wetland. Below is a typical data point taken from within Section XXI (T1P38).

Hydric Soil: This area is listed by the Allen County Soil Survey as Eel silt loam, a moderately well-drained Aquic Fluventic Eutrochrepts. The Eel series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). However, the observed soil matrix color at 10 inches below the surface was 10YR 4/1 with 10YR 5/6 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified saturation at the surface in this section. Primary indicators of hydrology include saturation within the upper twelve (12) inches. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were water-stained leaves. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The vegetation of this section is listed in decreasing order of occurrence. The wetland vegetation criterion is met with greater than 50% species FAC, FACW or OBL, excluding FAC- species. The subcanopy and vine strata were absent at this data station.

The canopy stratum was dominated by:

Slippery Elm Ulmus rubra FAC

The herbaceous stratum was dominated by:

Carex species Carex sp. OBL/FAC Spotted touch me not Impatiens capensis FACW

OTHER WATERS:

SECTION XIX: Section XIX is an isolated excavated pond located along the eastern edge of the property. The pond was excavated in upland soils, which is charged by runoff from the adjacent uplands and has no surface water connection to other waters of the United States. The pond is classified by the Palustrine Open Water Permanently Flooded Diked/Impounded (POWHh) system. As illustrated by the attached wetland delineation plan (S5), the area of pond delineated within the property the boundary is 0.50 acre. Below is a typical data point taken within the pond (T1P75).

Hydric Soil: This area is listed by the Allen County Soil Survey as Morley soils, a moderately well-drained Typic Hapludalfs. The Morley series is not listed as a hydric soil by the *Hydric Soils of the United States* (USDA-SCS, 1991). The observed soil matrix color at 6 inches below the surface was 10YR 4/1 with 10YR 4/4 mottles (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of low chroma colors and evidence of redox activity (mottles).

Hydrology: Visual observations of hydrology identified greater than 6.6 feet of inundation in this section. Primary indicators of hydrology include inundation. Secondary indicators of wetland hydrology, as defined by TRY-87-1, were not observed. The wetland hydrology criterion is met by the presence of primary indicators.

Hydrophytic Vegetation: The canopy, sub-canopy, herbaceous, and vine strata were absent within the Ordinary High Water Mark of this data station.

CONCLUSIONS and RECOMMENDATIONS

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

The Shovel Ready site does contain *waters of the United States*, which are regulated by the ACOE and IDEM. The delineated areas were determined to be jurisdictional by Earth Source's interpretation of 1987 *Corps of Engineers Wetlands Delineation Manual* (TRY-87-1). The ACOE is the regulatory authority with regard to wetlands or other *waters of the United States*. *Waters* not regulated under Section 401 and 404 of the Clean Water Act are regulated by the State of Indiana under IC 13-18-22.

As illustrated by the attached wetland delineation plan (S5), a total of 3,090 linear feet of channel and 3.56 acres of wetlands were delineated within the limits of the Shovel Ready site. Generally, impacts (fill and/or drainage) to federally and state regulated wetland areas will require notification and authorization through the ACOE and IDEM. In general, if impacts are limited to less than 1.0 acre of isolated/headwater wetlands or other waters of the United States, the project may qualify for authorization under the Regional or Nationwide General Permit Program (RGP & NWP). The general permit program is a simplified process that provides for general permits within a 45 to 60 day time frame. Impacts to greater than 1.0 acre of isolated/headwater wetland will require an Individual Permit. The Individual permit process requires a more intensive and lengthy review of the project. practical alternatives analysis, 30-day public notice period and potential public hearing. The average Individual Permit process will run 4 to 6 months. In either case, permitted impacts will require mitigation or replacement, generally at a ratio greater than that of the area impacted. Normal mitigation ratios are 2:1 replacement for impacts to emergent wetlands; 3:1 for scrub/shrub wetlands; and 4:1 for forested impacts. Impacts to less than 0.10 acre or 300 linear feet of waters of the United States typically will not require mitigation but involve submittal of notification to the agencies at least 30 days prior to project initiation.

SUMMARY OF ACRONYMS AND REFERENCES

Indicator Status Acronyms:

OBL (Obligate Wetland). Occur almost always in wetlands.

FACW (Facultative Wetland). Usually occur in wetlands.

FAC+ (Facultative). More likely to occur in wetlands than uplands.

FAC (Facultative). Likely to occur in wetlands or uplands.

FAC- (Facultative). Less likely to occur in wetlands than uplands.

FACU (Facultative Upland). Usually occur in uplands.

UPL (Obligate Upland). Occur almost always in uplands.

N/I (No Indicator). Indicator status unavailable.

(*) Indicator based on source other than USDI-F&W BR:88(26.3)

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APPENDIX A DATA FORMS

DATA FORM ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 200	06	
Applicant/Owner:	Allen County				County:			
Investigators:	Annie White & Jer	nnifer Manning			State:			
Do Normal Circums	stances exist on the sit	te?	Yes	No	Community ID:	Scrub-	-shrub field	
	tly disturbed (Atypica		Yes	No				
Is the area a potentia			Yes	No	Transect ID:		T1	
(If needed, explain of	on reverse.)				Plot ID:		T1P1	
VEGETATION								
Dominant P	lant Species	Stratum	Indicator		Dominant Plant	Species	Stratum	Indicator
1.0		,	E40					
1. Crataegus spp.		subcanopy	FAC	9.			-	
2. Juniperus virginiana		subcanopy	FACU	10.				
3. Danthonia spicata		herbaceous	FACU	11.				
4. Daucus carota		herbacesou	FACU	12.				
5. Fragaria virginiana		herbaceous	FAC-	13.				
6. Trifolium repens		herbaceous	FACU+	14				
o. Ingolium repens		nerbaccous	171001	14.				
7. Apocynum cannabinu	m	herbaceous	FAC	15.				
0				16				
8				16.				
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA			TC VEGETA	TION	28.5%			
Centarks. DOWNINA	INCE OF NON-I	TIDKOITIT	TE VEGETA	TION.				
HYDROLOGY								
					Wetland Hydrolog	y Indicators		
Recorded Data ((Describe in Remarks)	*			Primary Indicators	1 . 1		
	Stream, Lake, or T Aerial Photographs	-				dated rated in Upper 12 Is	nches	
	Other	3				er Marks	nenes	
X No Recorded Da						Lines		
					Sedi	ment Deposits		
					Drai	nage Patterns in We	etlands	
Field Observations:					C	2		
Depth of Surface	e Water	none (in	n.)		Secondary Indicators (2 or more required) lized Root Channel		ches
Depui of Buriaco	, water.	none (n	1.)			er-Stained Leaves	3 III Opper 12 III	incs
Depth to Free W	ater in Pit:	>20 (in	1.)			al Soil Survey Data		
						C-Neutral Test		
Depth to Saturat	ed Soil:	>20 (in	1.)		Othe	er (Explain in Rema	ırks)	
Remarks: ABSENC	E OF HVDDOL	OCY INDICA'	TODE					
Kelliaiks. Absenc	E OF HIDROL	OGT INDICA	IOKS.					

DATA FORM - CONTINUED ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P1 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	N	Morley soils	Drainage Class:	moderately well	drained
Taxonomy (Subgroup):	Туј	pic Hapludalfs	Field Observations Confirm	Yes No	
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	trast	Texture, Structure, Concretions, etc.
0-3	1	10YR 3/2	_		
3-12	2	10YR 4/3	10YR 4/6		
Hydric Soil Indicators:					
=	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin	me	Concretions High Organic Conten Organic Streaking in Listed on Local Hydr	Sandy Soils	Sandy Soils
_	Reducing Conditions Gleyed or Low-Chror		Listed on National Hy Other (Explain in Re	dric Soils List	
Remarks: ABSENC			other (Explain in Res	narks)	
WETLAND DETERMINA	ATION				
Hydrophytic Vegetatic Wetland Hydrology Pr		No No			
Hydric Soils Present?		No	Is this Sampling Point W	ithin a Wetland?	No
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	SITIVE VEGETATION, HY	DROLOGY, AN	D SOIL INDICATORS

Approved by HQUSACE 3/92

DATA FORM ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

Page 1 of 2

Project/Site: Applicant/Owner:	Shovel Ready Sit Allen County				Date:	Allen Cour	nty	
Investigators:	Annie White & J	ennifer Manning			State:	Indiana		
Do Normal Circums Is the site significan Is the area a potentia (If needed, explain o	tly disturbed (Atypic al Problem Area?		Yes	No No No	Community ID: Transect ID: Plot ID:		crub-shrub Field T1 T1P2	
VEGETATION								
Dominant P	lant Species	Stratum	Indicator		Dominant Plant S	pecies	Stratum	Indicator
1. Cornus racemosa		subcanopy	FACW-	9.				
2. Crataegus spp.		subcanopy	FAC	10.				
3. Solidago canadensis		herbaceous	FACU	11.				
4. Dipsacus sylvestris		herbaceous	UPL	12.				
5. Fragaria virginiana		herbaceous	FAC-	13.				
6.		_						
7								
8								
(excluding FAC-) Remarks: DOMINA	ANCE OF NON	-HYDROPHYTI	IC VEGETA	TION.	40.0%			
HYDROLOGY								
					Wetland Hydrology	Indicators		
Recorded Data (X No Recorded Data	Describe in Remark Stream, Lake, or Aerial Photograp Other ata Available	Tide Gauge			Water Drift I Sedim	ated in Upper 12 l Marks		
Field Observations:								
Depth of Surface	e Water:	none (in	.)		Secondary Indicators (2 Oxidi:	or more required zed Root Channe		ches
Depth to Free W	ater in Pit:	>20 (in	.)			-Stained Leaves Soil Survey Data		
Depth to Saturat		4 (in	.)		FAC-	Neutral Test (Explain in Rema		
Remarks: PRESEN							· 	
1								

DATA FORM - CONTINUED ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P2 Page 2 of 2

Profile Description: Depth (inches) Horizon 0-12 1	Matrix Color (Munsell Moist) 10YR 4/2	Field Observations Confirm Mapped To Mottle Abundance/Contrast 10YR 4/4	ype? Yes No Texture, Structure Concretions, etc.
Depth (inches) Horizon	(Munsell Moist)	Abundance/Contrast	
(inches) Horizon	(Munsell Moist)	Abundance/Contrast	
0-12 1	10YR 4/2	10VP 4/4	
		101K 4/4	
	_	-	
Histosol	Regime tions Chroma Colors	Concretions High Organic Content in Surface Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils L Other (Explain in Remarks)	
ETLAND DETERMINATION			
Hydrophytic Vegetation Present? Wetland Hydrology Present? Hydric Soils Present?	No Yes Yes	Is this Sampling Point Within a Wetl	land? <u>No</u>
Remarks: NON-WETLAND BASE	ED ON ABSENCE OF POSI	TIVE VEGETATION INDICATOR	RS.

Approved by HQUSACE 3/92

DATA FORM ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

Page 1 of 2

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Sit Allen County Annie White & J	te Tennifer Manning			Date: County: State:	Allen Co	unty	
			Yes Yes Yes	No No No	Community ID: Transect ID: Plot ID:		T1 T1P3	II.
VEGETATION	N + C :	- Cr	T 1' 4		D.: (Pl.)			T 1' 4
	Plant Species	Stratum	Indicator		Dominant Plant	<u> </u>	Stratum	Indicator
1. Lonicera tatarica		subcanopy	_FACU_	9.				
2. Juniperus virginiana		subcanopy	FACU	10.				
3. Bromus ciliatus		herbaceous	UPL	11.				
1. Taraxacum officinale	?	herbaceous	FACU	12.				
5. Fragaria virginiana		herbaceous	FAC-	13.				
ó				14.				
7				15.				
					0.0%			
emarks: DOMINA	ANCE OF NON	-HYDROPHYT	IC VEGETA	ATION.	0.0%			
	ANCE OF NON	-HYDROPHYT	IC VEGETA	ATION.		. In disastons		
YDROLOGY	(Describe in Remark Stream, Lake, or Aerial Photograp Other	cs): Tide Gauge	IC VEGET	ATION.	Wetland Hydrolog Primary Indicators Inun- Satur Wate Drift Sedin	dated rated in Upper 12 er Marks Lines ment Deposits		
YDROLOGY Recorded Data	(Describe in Remark Stream, Lake, or Aerial Photograp Other	cs): Tide Gauge	IC VEGETA	ATION.	Wetland Hydrolog Primary Indicators Inun Satu Wate Drift Sedii Drain	dated rated in Upper 12 or Marks Lines ment Deposits nage Patterns in V	Wetlands	
YDROLOGY Recorded Data X No Recorded D	(Describe in Remark Stream, Lake, or Aerial Photograp Other Data Available	cs): Tide Gauge		ATION.	Wetland Hydrolog Primary Indicators Inun Satur Wate Drift Sedir Drain Secondary Indicators (dated rated in Upper 12 or Marks Lines ment Deposits nage Patterns in V	Wetlands	ches
Recorded Data Recorded Data X_ No Recorded D Field Observations: Depth of Surface	(Describe in Remark Stream, Lake, or Aerial Photograp Other Data Available	cs): Tide Gauge ohs (in	1.)	ATION.	Wetland Hydrology Primary Indicators Inun Satur Wate Drift Sedir Drain Secondary Indicators (Oxid Wate	dated rated in Upper 12 or Marks Lines ment Deposits nage Patterns in V 2 or more require lized Root Chann or-Stained Leaves	Wetlands ed) aels in Upper 12 in	ches
X No Recorded D Field Observations:	(Describe in Remark Stream, Lake, or Aerial Photograp Other Data Available Dee Water:	cs): Tide Gauge ohs (in	n.)	ATION.	Wetland Hydrology Primary Indicators Inum Satur Wate Drift Sedir Drain Secondary Indicators (Oxid Wate Loca FAC	dated rated in Upper 12 or Marks Lines ment Deposits nage Patterns in V 2 or more require	Wetlands ed) aels in Upper 12 in s ta	ches

DATA FORM - CONTINUED ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P3 Page 2 of 2

SOILS								
Map Unit Name (Series and Phase):	F	Eel silt loam	Drainage Class:	moderately well drained				
Taxonomy (Subgroup):	Aquic Fluventic Eutrochrepts		Field Observations Confi	irm Mapped Type?	Yes No			
Profile Description:								
Depth (inches)	Matrix Color (Munsell Moist) 1 10YR 4/2		Mottle Abundance/Co	Texture, Structure, Concretions, etc.				
0-6								
6-12	2	10YR 4/3						
			-					
Hydric Soil Indicators:								
Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Gleyed or Low-Chroma Colors			Organic Streaking i Listed on Local Hy Listed on National	Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)				
Remarks: ABSENCI	E OF HYDRIC SC	OIL INDICATORS.						
WETLAND DETERMINA	ATION							
Hydrophytic Vegetation Present? Wetland Hydrology Present? No Hydric Soils Present? No			Is this Sampling Point	Within a Wetland?	No			
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION, H	IYDROLOGY, AN	ND SOIL INDICATOR			
		`						

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DATA FORM ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

Page 1 of 2

Applicant/Owner: Allen Cor	Shovel Ready Site Allen County Annie White & Jennifer Manning			Date: County: State:	Allen County				
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.))	Community ID: Transect ID: Plot ID:	: Section I: Forested Wetland : T1 : T1P4				
VEGETATION									
Dominant Plant Species	Stratum	Indicator		Dominant Plant	Species	Stratum	Indicator		
1. Fraxinus pennsylvanica	canopy	FACW	9.						
2. Cornus racemosa	subcanopy	FACW-	10.						
3. Rubus occidentalis	subcanopy	FACU	11.						
4. Scirpus atrovirens	herbaceous	OBL	12.						
5. Carex Sp.	herbaceous	OBL/FAC	13.						
6			14.						
7									
8.									
Remarks: DOMINANCE OF	HYDROPHYTIC VE	GETATION.							
HYDROLOGY				Watland Undrolog	Indicators				
Recorded Data (Describe in Remarks): Stream, Lake, or Tide GaugeAerial PhotographsOtherX_No Recorded Data Available				Primary Indicators Primary Indicators Inundated x Saturated in Upper 12 Inches Water Marks Drift Lines x Sediment Deposits x Drainage Patterns in Wetlands					
	Field Observations:								
Field Observations:			1		Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches				
Field Observations: Depth of Surface Water:	0 (ir	n.)		Oxid	lized Root Chanr	nels in Upper 12 inc	hes		
	`	n.) n.)		Oxid x Wate	lized Root Chanr er-Stained Leaves al Soil Survey Da	nels in Upper 12 inc s	ches		
Depth of Surface Water:	6 (ir			Oxid x Wate Loca FAC	lized Root Chanr er-Stained Leaves	nels in Upper 12 inc ss ata	ches		

DATA FORM - CONTINUED ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P4 Page 2 of 2

SOILS								
Map Unit Name (Series and Phase):		el silt loam	Drainage Class:	moderately well drained				
Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts			Field Observations Confirm Ma	apped Type?	Yes No			
Profile Description:								
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	t .	Texture, Structure, Concretions, etc.			
0-12	1	10YR 4/2	10YR 4/4					
				 -				
Hydric Soil Indicators: Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions x Gleyed or Low-Chroma Colors			Organic Streaking in Sand Listed on Local Hydric So Listed on National Hydric	Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)				
Remarks: PRESEN	CE OF HYDRIC S	OIL INDICATORS.						
WETLAND DETERMINA	ATION							
Hydrophytic Vegetation Present? Wetland Hydrology Present? Hydric Soils Present? Yes Yes			Is this Sampling Point Within	n a Wetland?	Yes			
Remarks: WETLAN	D BASED ON PRI	ESENCE OF POSITIVE	E VEGETATION, HYDROLO	GY, AND SO	IL INDICATORS.			

Approved by HQUSACE 3/92

DATA FORM ROUTINE WETLAND DETERMINATION

(1987 COE Wetlands Delineation Manual)

							Page 1 of 2			
Project/Site:	Shovel Ready Site				Date:	April 6, 20	006			
Applicant/Owner:	Allen County				County:					
Investigators:	Annie White & Jeni	nifer Manning			State:	Indiana	ı			
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? Yes No Yes No				Community ID: SECTION		ION I: Forested Wetland				
				Transect ID:	T1					
(If needed, explain	(If needed, explain on reverse.)				Plot ID:		T1P5			
VEGETATION										
	Plant Species	Stratum	Indicator		Dominant Pla	nt Species	Stratum	Indicator		
1. Fraxinus pennsylvani	ica	canopy	FACW	9.						
2. Populus deltoides		canopy	FAC+	10.						
3. Ulmus rubra		canopy	FAC	11.						
4. Rubus occidentalis		subcanopy	FACU	12.						
5. Impatiens capensis		herbaceous	OBL/FAC	13.						
6. Asteraceae sp.		herbaceous	FACW	14.						
7. Solidago canadensis		herbaceous	FACU	15.						
8. Elymus virginicus		herbaceous	FACW-	16.						
(excluding FAC-) Remarks: DOMINA	ANCE OF HYDRO	OPHYTIC VE	EGETATION.		75.0%					
HYDROLOGY										
					Wetland Hydrolo	gy Indicators				
DII D-4-	(Dibi Dib)				D.:					
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge					Primary Indicators Inundated					
	Aerial Photographs	-			x Saturated in Upper 12 Inches					
<u> </u>	Other				Water Marks					
X No Recorded D	ata Available				Drift Lines					
						diment Deposits ainage Patterns in V	Votlanda			
Field Observations:					xDr	amage Patterns in v	veuands			
					Secondary Indicator	s (2 or more required	d)			
Depth of Surfac	e Water:	0 (in	n.)			idized Root Channe	els in Upper 12 inc	hes		
Donth to Frag V	Notor in Dit:	1 (i)	a)			ater-Stained Leaves cal Soil Survey Data				
Depth to Free Water in Pit: 4 (in.)				FAC-Neutral Test						
Depth to Saturated Soil: 0 (in.)				Ot	her (Explain in Rem	arks)				
Remarks: PRESEN	CE OF HYDROL	OGY INDICA	ATORS.	ı						

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P5 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained
Гахопоту (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4 mg	ottles	
			_		
			_		
			_		
Hydric Soil Indicators:	:				
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regim Reducing Conditions Gleyed or Low-Chrom		Concretions High Organic Conte Organic Streaking in Listed on Local Hyo Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetatio Wetland Hydrology Pro Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes
Remarks: WETLAN	D BASED ON PR	ESENCE OF POSITIV	/E VEGETATION, HYDR	OLOGY, AND SO	OIL INDICATORS
ĺ					

(1987 COE Wetlands Delineation Manual)

Applicant/Owner: Allen	rel Ready Site n County e White & Jennifer Manning		<u> </u>	Date: County: State:		County		
Is the site significantly distur Is the area a potential Proble	Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)					Community ID: Section I: Forested Wetland		
VEGETATION								
Dominant Plant Spec	ccies Stratum	Indicator	_	Dominant Pl	ant Species	Stratum	Indicator	
1. Populus deltoides	canopy	FAC+	9.	Alliaria petiolata		herbaceous	FAC	
2. <u>Ulmus rubra</u>	canopy	FAC	10.					
3. Rubus occidentalis	subcanopy	FACU	11.					
4. Impatiens capensis	herbaceous	FACW	12.					
5. Elymus virginicus	herbaceous	FACW-	13.					
6. Carex sp.	herbaceous	OBL/FAC						
7. Asteraceae sp.	herbaceous	OBL/FAC	15.					
8. Solidago canadensis	herbaceous	FACU	16.					
(excluding FAC-) Remarks: DOMINANCE (OF HYDROPHYTIC VE	GETATION.		77.7%				
HYDROLOGY				*** 4 177 1 1	Y 1'			
	um, Lake, or Tide Gauge al Photographs r			х S V С х S	nundated aturated in Upper Vater Marks Drift Lines ediment Deposits			
Field Observations:					Prainage Patterns i			
Depth of Surface Water: 0 (in.)				Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: 10 (in.)				x Water-Stained Leaves Local Soil Survey Data				
Depth to Saturated Soil:	8(in	1.)			AC-Neutral Test Other (Explain in R	Remarks)		
Remarks: PRESENCE OF	HYDROLOGY INDICA	ATORS.						

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P6 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained	
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ntrast	Texture, Structure, Concretions, etc.	
0-6	1	10YR 3/2				
6-12	2	10 YR 4/2	10YR 4/4	10YR 4/4		
Hydric Soil Indicator	s:					
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conter Organic Streaking in Listed on Local Hydr Listed on National H Other (Explain in Re	ric Soils List ydric Soils List	Sandy Soils	
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.				
WETLAND DETERMIN	ATION					
Hydrophytic Vegetati Wetland Hydrology F Hydric Soils Present?	Present?	Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes	
Remarks: WETLA	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.	

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Allen County	Shovel Ready Site Allen County Annie White & Jennifer Manning				Date: April 6, 2006 County: Allen County State: Indiana			
			Yes N	10 10 10	Community ID: Upland forested adjacent to Section I Transect ID: T1 Plot ID: T1P7				
VEGETATION					2 :			- **	
	Plant Species	Stratum	Indicator	-	Dominant Pla		Stratum	Indicator	
		canopy	<u>FACU</u>						
2. Acer saccharum		canopy	_FACU_						
3. Carya ovata		canopy	_FACU_	11.					
4. Rubus occidentalis		subcanopy	FACU	12.					
5. Rosa multiflora		subcanopy	FACU	13.					
6. Alliaria petiolata		herbaceous	FAC	14.					
7. Asteraceae sp.		herbaceous	FAC	15.					
Percent of Dominant Spec				16.	28.5%				
ercent of Dominant Spec (excluding FAC-)	ccies that are OBL, FA	ACW or FAC	IC VEGETAT						
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA	ccies that are OBL, FA	ACW or FAC	IC VEGETAT	TION.	28.5%				
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA	ANCE OF NON- (Describe in Remark Stream, Lake, or Aerial Photograph Other	ACW or FAC -HYDROPHYT cs): Tide Gauge	IC VEGETAT	TION.	Wetland Hydrol Primary Indicators Ir S W	ogy Indicators nundated aturated in Upper 12 Vater Marks Drift Lines ediment Deposits	2 Inches		
recent of Dominant Spec (excluding FAC-) Remarks: DOMINA IYDROLOGY Recorded Data X No Recorded D	ANCE OF NON- (Describe in Remark Stream, Lake, or Aerial Photograph Other	ACW or FAC -HYDROPHYT cs): Tide Gauge	IC VEGETAT		Wetland Hydrol Primary Indicators Ir S W D D D	ogy Indicators nundated aturated in Upper 12 Vater Marks brift Lines ediment Deposits brainage Patterns in	2 Inches Wetlands		
ercent of Dominant Spec (excluding FAC-) Remarks: DOMINA TYDROLOGY Recorded Data X No Recorded D	ANCE OF NON- (Describe in Remark. Stream, Lake, or ' Aerial Photograph Other Other Othar	ACW or FAC -HYDROPHYT cs): Tide Gauge			Wetland Hydrol Primary Indicators Ir S D Secondary Indicato	ogy Indicators nundated aturated in Upper 12 Vater Marks Prift Lines ediment Deposits Prainage Patterns in rs (2 or more require exidized Root Chann	2 Inches Wetlands ed) nels in Upper 12 inc	thes	
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA HYDROLOGY Recorded Data X No Recorded D Field Observations:	ANCE OF NON- (Describe in Remark Stream, Lake, or ' Aerial Photograph Other Data Available	ACW or FAC -HYDROPHYTI cs): Tide Gauge ohs	1.)		28.5% Wetland Hydrol Primary Indicators Ir S W D Secondary Indicato W L	ogy Indicators nundated aturated in Upper 12 Vater Marks brift Lines ediment Deposits brainage Patterns in critical content of the content o	2 Inches Wetlands ed) nels in Upper 12 incs	ches	
X No Recorded D Field Observations: Depth of Surface	ANCE OF NON- (Describe in Remark Stream, Lake, or ' Aerial Photograph Other Data Available ce Water:	ACW or FAC -HYDROPHYT as): Tide Gauge ohs	n.)		28.5% Wetland Hydrol Primary Indicators Ir S W D Secondary Indicato W L F	ogy Indicators nundated aturated in Upper 12 Vater Marks Prift Lines ediment Deposits Prainage Patterns in Price (2 or more require Dividized Root Chant Vater-Stained Leaves	2 Inches Wetlands ed) nels in Upper 12 incs sta	ches	

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P7 Page 2 of 2

ations Confirm Mapped Typ Mottle bundance/Contrast	Texture, Structure, Concretions, etc.
Mottle	Texture, Structure,
on National Hydric Soils Lis	
pling Point Within a Wetla	and? <u>No</u>
TION, HYDROLOG	GY, AND SOIL INDICAT
1	on Local Hydric Soils List on National Hydric Soils List Explain in Remarks)

(1987 COE Wetlands Delineation Manual)

							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 20	006	
Applicant/Owner:	Allen County			_	County:			
Investigators:	Annie White & Jen	nifer Manning			State:	Indiana	ı	
	stances exist on the site		Yes N Yes N	lo lo	Community ID:	SECTION III:	Scrub-shrub wetla	and
Is the area a potenti			——	lo	Transect ID:		T1	
(If needed, explain	on reverse.)				Plot ID:		T1P8	
VEGETATION								
	Plant Species	Stratum	Indicator		Dominant Pla	nt Species	Stratum	Indicator
1. Fraxinus pennsylvan	ica	subcanopy	FACW	9.				
2. <u>Ulmus rubra</u>		subcanopy	FAC	10.				
3. Rosa multiflora		subcanopy	FACU	11.				
4. Toxicodendron radio	ans	vine	FAC+	12.				
5. Impatiens capensis		herbaceous	FACW	13.				
6. Elymus virginicus		herbaceous	FACW-	14.				
7. <u>Carex sp.</u>		herbaceous	OBL/FAC	15.				
8. Aster sp.		herbaceous	OBL/FAC	16.				
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA			GETATION.		87.5%			
HYDROLOGY								
TTDROLOGT					Wetland Hydrolo	ogy Indicators		
Recorded Data	(Describe in Remarks):				Primary Indicators			
Recorded Bata	Stream, Lake, or Ti				•	undated		
<u> </u>	Aerial Photographs	Ü			x Sa	turated in Upper 12	Inches	
	Other					ater Marks		
X No Recorded D	ata Available					rift Lines		
					x Se	ediment Deposits rainage Patterns in V	Vetlands	
Field Observations:						amage racerns m	, octaines	
Depth of Surfac	e Water:	0 (ir	n.)		Secondary Indicator Ox	s (2 or more required xidized Root Channe		ches
Depth to Free V	Vater in Pit:	12 (ir	n.)			ater-Stained Leaves ocal Soil Survey Data		
Depth to Satura	-		n.)		FA	AC-Neutral Test ther (Explain in Rem		
Depth to Suturu	Lea Boil.	(II	1.)			mer (Explain in Ren	iai ks)	
Remarks: PRESEN	CE OF HYDROL	OGY INDICA	ATORS.	•				

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P8 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No
Profile Description:					_
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ntrast	Texture, Structure, Concretions, etc.
0-6	1	10YR 3/2			
6-12	2	10YR 3/2	10YR 4/4	10YR 4/4	
Hydric Soil Indicator	5:				
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conter Organic Streaking in Listed on Local Hydr Listed on National H Other (Explain in Re	ic Soils List ydric Soils List	Sandy Soils
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetati Wetland Hydrology F Hydric Soils Present?	Present?	Yes Yes Yes	Is this Sampling Point W	Vithin a Wetland?	Yes
Remarks: WETLAN	ND BASED ON PRI	ESENCE OF POSITIVE	E VEGETATION, HYDRO	LOGY, AND SC	OIL INDICATORS

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: March County Applicant/Owner: March County Applicant/Owner: March County Annue Wilste & Jesusifier Manning Do Normal Circumstances exist on the size? 15 the six significantly disturbed (Asypical Situation)? 15 the six six significantly disturbed (Asypical Situation)? 15 the six six significantly disturbed (Asypical Situation)? 15 the area to poential Problem Area? (If needed, explain on reverse.) Plot ID: T11 Transect ID: T1								Page 1 of 2	
Applicant/Owner: Allen County Investigators: Allen County Investigators: Indiama Do Normal Circumstances exist on the site? Is the airs significantly disturbed (Atypical Stuation)? Is the airs significantly disturbed (Atypical Stuation)? Is the area a potential Problem Area? (If needed, explain on reverse.) FEGETATION FEGETATION Transect ID: T1 Plot ID: T1P9 Transect ID: T1 Plot ID: T1P9 T1P Transect ID: T1 Plot ID: T1P9 T1P Transect ID: T1 Plot ID: T1P9 T1P Transect ID: T1P To minimath Plant Species Stratum Indicator To minimath Plant Species Taken are obtained a large of FACU ID:	Project/Site:	Shovel Ready Site				Date:	April 6	2006	
Do Normal Circumstances exist on the site? Yes No Site Indiana									
Is the site significantly disturbed (Asprical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) Committee Factor Fac			nifer Manning			_			
Is the site significantly disturbed (Asprical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator									
Second Description Descr						Community ID:	Upland Forest -	adjacent to SECTI	ON III
Plot ID: T1P9	-		l Situation)?						
EGETATION Dominant Plant Species Stratum Indicator 1. Quercus atha canopy FACU 2. Acer saccharum canopy FACU 10. 3. Rubus occidentalis subcanopy FACU 11. 4. Alliuria petiolata berbaceous FAC 12. 5. Asternacea sp. berbaceous FAC 13. 6. 14. 7. 15. 8. 16. Serected of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercited of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercited of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercited Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercited Observations: Stream, Lake, or Tide Gauge Actial Photographs Other X. No Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Actial Photographs Other Doth of Surface Water: Depth of Surface Water: Depth of Surface Water: Depth to Free Water in Pit: Depth to Free Water in Pit: Depth to Saturated Soil: Doth to				Yes	No				
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator	(II fieeded, explain	on reverse.)				Flot ID.		1117	
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator						•			
1. Quercus alba canopy FACU 9. 2. Acer saccharum canopy FACU 10. 3. Rubus occidentalis subcanopy FACU 11. 4. Alliaria petiolata herbaceous FAC 12. 5. Asteraceae sp. herbaceous FAC 13. 6. 14. 7. 15. 8. 16. 2. Herman Species that are OBL, FACW or FAC (excluding FAC-) 2. Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 2. Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 3. Wetland Hydrology Indicators 4. Wetland Hydrology Indicators 4. Primary Indicators 5. Suream, Lake, or Tide Gauge Aerial Photographs Other 6. Other Arabidostraphs Suream, Lake, or Tide Gauge Sediment Deposits 7. Depth of Surface Water: none (in.) 8. Depth to Free Water in Pit: 520 (in.) 8. Depth to Free Water in Pit: 520 (in.) 9. Other (Explain in Remarks) 9. Other (Explain in Remarks) 10. Other (Explain in Remarks)		Olant Caraira	C++	T 1:4		Dania ant Di		C++	T 1: +
2. Acer saccharum canopy FACU 10. 3. Rubus occidentalis subcanopy FACU 11. 4. Alliaria petiolata herbaceous FAC 12. 5. Asteraceae sp. herbaceous FAC 13. 6. 14. 7. 15. 8. 16. 9. 16. 9. 16. 9. 16. 9. 16. 9. 17. 18. 15. 19. 16. 9. 16. 9. 17. 9. 18. 9. 18. 9. 19. 9. 19. 9. 19. 10. 10. 11. 12. 13. 14. 15. 16. 9. 16. 9. 16. 9. 17. 18. 9. 18. 9. 18. 9. 19. 9. 19. 9. 19. 9. 19. 10. 9. 19. 9. 19. 10. 10. 10. 10. 10. 10. 10.	Dominant i	Tant Species	Stratum	Indicator		Dominant Pi	ant Species	Stratum	mulcator
2. Acer saccharum canopy FACU 10. 3. Rubus occidentalis subcanopy FACU 11. 4. Alliaria petiolata herbaceous FAC 12. 5. Asteraceae sp. herbaceous FAC 13. 6. 14. 7. 15. 8. 16. 8. 16. 9. 16. 9. 16. 9. 17. 9. 18. 9. 16. 9. 19. 9.	1. Quercus alba		canopy	FACU	9				
3. Rubus occidentalis subcanopy FACU 11. 4. Alliaria petiolata herbaceous FAC 12. 5. Asteraceae sp. herbaceous FAC 13. 5. Asteraceae sp. herbaceous FAC 13. 6. 14. 7. 15. 8. 16. 9. 16. 9. 16. 9. 16. 9. 17. 9. 18. 9. 18. 9. 18. 9. 19.									
4. Alliaria petiolata herbaceous FAC 12. 5. Asteraceae sp. herbaceous FAC 13. 5	2. Acer saccharum		canopy	FACU	10	•			
4. Alliaria petiolata herbaceous FAC 12. 5. Asteraceae sp. herbaceous FAC 13. 5	3. Rubus occidentalis		subcanopy	FACU	11	_			
S. Asteraceae sp. herbaceous FAC 13	<u></u>					·			
6	4. Alliaria petiolata		herbaceous	FAC	12				
6	5 Astargaaga sp		harbagaous	FAC	12				
7	5. Asteruceae sp.		Herbaceous	170	. 13	•			
ercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Temarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. Wetland Hydrology Indicators Primary Indicators Primary Indicators Inundated Aerial Photographs Other Water Marks Dofft Lines Sediment Deposits Drainage Patterns in Wetlands Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Face Water in Pit: Depth to Saturated Soil: Doing (in.) Doing (in.) Doing (in.) Depth to Saturated Soil: Doing (in.) Doing (in.) Depth to Saturated Soil: Doing (in.) Doing (in.) Doing (in.) Depth to Saturated Soil: Doing (in.) Doing (6				. 14	·			
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Aerial Photographs Other Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: Depth to Saturated Soil: Secondary Indicators (2 or more required)	Recorded Data					•	undated		
Other X No Recorded Data Available Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	_		-					2 Inches	
Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: >20 (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)									
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Field Observations: Depth of Surface Water: none (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)									
Depth of Surface Water: Depth of Free Water in Pit: Depth to Saturated Soil: Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches							Prainage Patterns in	Wetlands	
Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Oxidized Root Channels in Upper 12 inches	Field Observations:					C	(2	J)	
Depth to Free Water in Pit: Second Soil Survey Data Second Soil Survey Data	Depth of Surface	o Water	none (ir	,)					ches
Depth to Saturated Soil: Solution	Depui of Buria	e water.	none (m	1.)					JIIC3
Depth to Saturated Soil: S20 (in.) Other (Explain in Remarks)	Depth to Free V	Vater in Pit:	>20 (in	n.)					
		•							
Remarks: ABSENCE OF HYDROLOGY INDICATORS.	Depth to Satura	ted Soil:	>20 (in	1.)		C	Other (Explain in Re	marks)	
REMARKS: ABSENCE OF HYDROLOGY INDICATORS.	amania. ADCENT	TE OF HVDDOL (OCV INDICAT	TODE					
	Remarks: Absent	LE OF HIDROLO	JGY INDICA	IOKS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P9 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	Series and Phase): Eel sitl loam			moderately well drained		
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	Field Observations Confirm Mapped Type? Yes		
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ntrast	Texture, Structure, Concretions, etc.	
0-12	1	10YR 3/2				
		,				
Hydric Soil Indicator	S:					
 - - - - -	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking ir Listed on Local Hyd Listed on National F Other (Explain in Re	ric Soils List Iydric Soils List	Sandy Soils	
Remarks: ABSENC	E OF HYDRIC SO	IL INDICATORS.				
WETLAND DETERMIN	ATION					
Hydrophytic Vegetati Wetland Hydrology F Hydric Soils Present?	resent?	No No No	Is this Sampling Point V	Vithin a Wetland?	No	
Remarks: NON-WI	ETLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION, H	ZDROLOGY, AN	D SOIL INDICATORS	

(1987 COE Wetlands Delineation Manual)

Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) VEGETATION Ves No Ves No		County	April 6, Allen Co India	County:				Project/Site: Shovel Ready Site Applicant/Owner: Allen County Investigators: Annie White & Je		
Dominant Plant Species Stratum 1. Ulmus rubra canopy FAC 9. 2. Elymus virginicus herbaceous FACW- 10. 3. Cima arundinacea herbaceous FACW 11. 4. Carex sp. herbaceous FACW 13. 5. Impatiens capensis herbaceous FACW 13. 6. Asteraceae sp. herbaceous OBL/FAC 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Saturated in Upper 12 Inches Water Marks Drift Lines X. No Recorded Data Available Field Observations: Secondary Indicators (2 or more required)	ıd	T1		Transect ID:	No	Is the site significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Area? Yes No (If needed, explain on reverse.)				
1. Ulmus rubra canopy FAC 9. 2. Elymus virginicus herbaceous FACW- 10. 3. Cima arundinacea herbaceous FACW- 11. 4. Carex sp. herbaceous FACW- 12. 5. Impatiens capensis herbaceous FACW- 13. 6. Asteraceae sp. herbaceous OBL/FAC 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Primary Indicators Primary Indicators Water Marks Drift Lines A Saturated in Upper 12 Inches Water Marks Drift Lines Secondary Indicators (2 or more required)										
2. Elymus virginicus herbaceous FACW 10. 3. Cima arundinacea herbaceous FACW 11. 4. Carex sp. herbaceous OBL/FAC 12. 5. Impatiens capensis herbaceous FACW 13. 6. Asteraceae sp. herbaceous OBL/FAC 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Stream, Lake, or Tide Gauge Aerial Photographs Other Aerial Photographs Other X No Recorded Data Available Field Observations: Field Observations: Secondary Indicators (2 or more required)	Indicator	Stratum	ant Species	Dominant Pla	•	Indicator	Stratum	Dominant Plant Species		
3. Cinna arundinacea herbaceous FACW 11. 4. Carex sp. herbaceous OBL/FAC 12. 5. Impatiens capensis herbaceous FACW 13. 6. Asteraceae sp. herbaceous OBL/FAC 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Primary Indicators Primary Indicators Primary Indicators Primary Indicators Primary Indicators Stream, Lake, or Tide Gauge Aerial Photographs Other X. No Recorded Data Available Title Observations: Field Observations: Secondary Indicators (2 or more required)					9.	<u>FAC</u>	canopy	1. Ulmus rubra		
4. Carex sp. herbaceous OBL/FAC 12. 5. Impatiens capensis herbaceous FACW 13. 6. Asteraceae sp. herbaceous OBL/FAC 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. AYDROLOGY Wetland Hydrology Indicators Primary Indicators Primary Indicators Primary Indicators Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines X Sediment Deposits The Indicators of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Primary Indicators The Inundated of Data (Describe in Remarks): The Inundated of Drift Lines					10.	FACW-	herbaceous	2. Elymus virginicus		
5. Impatiens capensis herbaceous FACW 13. 6. Asteraceae sp. herbaceous OBL/FAC 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Primary Indicators Inundated X Saturated in Upper 12 Inches Water Marks Other Water Marks Tield Observations: Field Observations: Secondary Indicators (2 or more required)					11.	FACW	herbaceous	3. Cinna arundinacea		
6. Asteraceae sp. herbaceous OBL/FAC 14					12.	OBL/FAC	herbaceous	4. Carex sp.		
7					13.	FACW	herbaceous	5. Impatiens capensis		
Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. Stream, Lake, or Tide Gauge					14.	OBL/FAC	herbaceous	6. Asteraceae sp.		
Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. Stream, Lake, or Tide Gauge					15.			7		
Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. Material Photographs								3.		
Recorded Data (Describe in Remarks): Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Wetland Hydrology Indicators Primary Indicators X Saturated in Upper 12 Inches Water Marks Drift Lines X Sediment Deposits X Drainage Patterns in Wetlands Secondary Indicators (2 or more required)					•	EGETATION	ROPHYTIC VI	emarks: DOMINANCE OF HYDI		
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Primary Indicators Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines X Sediment Deposits X Drainage Patterns in Wetlands Secondary Indicators (2 or more required)				*** 1 1 ** 1 1				YDROLOGY		
Field Observations: Secondary Indicators (2 or more required)			inundated Saturated in Upper 1 Water Marks Drift Lines Sediment Deposits	Primary Indicators In X S W D X S			Tide Gauge	Stream, Lake, or Aerial Photograph Other		
		x Drainage Patterns in Wetlands				Field Observations:				
Depth of Surface Water: (in.) Oxidized Root Channels in Upper 12 inc	Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches					Depth of Surface Water:0 (in.)				
Depth to Free Water in Pit: 6 (in.) x Water-Stained Leaves Local Soil Survey Data						n.)	6 (i	Depth to Free Water in Pit:		
Depth to Saturated Soil: 0 (in.) FAC-Neutral Test Other (Explain in Remarks)		Remarks)								
Remarks: PRESENCE OF HYDROLOGY INDICATORS.						•				

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P10 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	Ee	l silt loam	Drainage Class:	moderately wel	ll drained
Гахопоту (Subgroup):	Aquic Fluv	entic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure Concretions, etc.
0-12	0-12 1 10YR 4/1		10YR 4/4	1	
Hydric Soil Indicators:					
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regim Reducing Conditions Gleyed or Low-Chroma	a Colors	Concretions High Organic Conte Organic Streaking i Listed on Local Hyd Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils
remans. Trebserve		E INDIGITIONS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetatic Wetland Hydrology Pr Hydric Soils Present?	resent?	Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes
Remarks: WETLAN	ND BASED ON PRE	SENCE OF POSITIV	E VEGETATION, HYDR	OLOGY, AND SO	OIL INDICATORS
Wetland Hydrology Pr Hydric Soils Present?	resent?	Yes Yes			

(1987 COE Wetlands Delineation Manual)

Do Normal Circumstances exist on the site? Set No Yes No Yes No Set	Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jen	nifer Manning			Date: _ County: _ State: _	April 6, Allen C India	County	
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator	Is the site significant! Is the area a potential	Is the site significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Area? Yes No (If needed, explain on reverse.)					-	T1	ZION I
1. Acer saccharum canopy FACU 9. 2. Fraximus pennsylvanica canopy FACW 10. 3. Quercus alba canopy FACU 11. 4. Geum candense herbaceous FAC 12. 5. Taraxacum officinale berbaceous FACU 13. 6. Fragaria virginiana herbaceous FACU 13. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Depth of Surface Water: none (in.) Depth of Surface Water: none (in.) Depth of Free Water in Pit: >20 (in.) Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: >20 (in.) Depth to Saturated Soil: >20 (in.) Depth to Free Water in Pit: 10 (Deer Capped) PAC-Pactural Test Depth of Derivative Internates)									
2. Fraxinus pennsylvanica canopy FACW 10. 3. Quercus alba canopy FACU 11. 4. Geum candense herbaceous FAC 12. 5. Taraxacum officinale herbaceous FACU 13. 6. Fragaria virginiana herbaceous FACU 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC.) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Prim	Dominant Pla	nt Species	Stratum	Indicator			•		Indicator
3. Quercus alba canopy FACU 11. 4. Geum candense herbaceous FAC 12. 5. Taraxacum officinale herbaceous FACU 13. 6. Fragaria virginiana herbaceous FAC- 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. **Wetland Hydrology Indicators** Primary Indicators** Primary Indicators** Primary Indicators** Primary Indicators** Primary Indicators** Stream, Lake, or Tide Gauge Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands	1. Acer saccharum		canopy	FACU	9.				
4. Geum candense herbaceous FAC 12. 5. Taraxacum officinale herbaceous FACU 13. 6. Fragaria virginiana herbaceous FAC- 14. 7.	2. Fraxinus pennsylvanica	<u>ı</u>	canopy	FACW	10.				
5. Taraxacum officinale herbaceous FACU 13.	3. Quercus alba		canopy	FACU	11.				
6. Fragaria virginiana herbaceous FAC- 14. 7	4. Geum candense		herbaceous	FAC	12.				
7	5. Taraxacum officinale		herbaceous	FACU	13.				
Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. Properties of Dominant Species that are OBL, FACW or FAC (excluding FAC-)	6. Fragaria virginiana		herbaceous	FAC-	14.				
Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. Primary Indicators	7				15.				
Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION.	8.								
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Primary Indicators Inundated Saturated in Upper 12 Inches Sediment Deposits Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Depth to Saturated Soil: Depth to Saturated Soil: Stream, Lake, or Tide Gauge Inundated Saturated in Upper 12 Inches Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Remarks: DOMINA	NCE OF NON-H	łydrophyt	IC VEGETA	ATION.				
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Stream, Lake, or Tide Gauge Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	IYDROLOGY				<u> </u>	XX .1 1 XX 1 1	1 T 1'		
Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)		Stream, Lake, or Ti Aerial Photographs Other	ide Gauge			Primary Indicators Indicators S V Indicators	nundated Saturated in Upper I Water Marks Drift Lines Sediment Deposits		
Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Oxidized Root Channels in Upper 12 inches	Field Observations:						-		
Depth to Free Water in Pit: Sequence	Depth of Surface Water: (in.)								
Depth to Saturated Soil: >20 (in.) Other (Explain in Remarks)	Depth to Free Water in Pit: >20 (in.)								
					FAC-Neutral Test				
		•						, 	

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P11 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	I	Eel silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aquic Flu	eventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2			
			_	,	
			<u> </u>		
Hydric Soil Indicators	:				
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regi Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyc Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils
Remarks: ABSENC	E OF HYDRIC SC	OIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetation Wetland Hydrology Po Hydric Soils Present?		No No No	Is this Sampling Point	Within a Wetland?	No
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	SITIVE VEGETATION, H	YDROLOGY, AN	ID SOIL INDICATORS

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenn	nifer Manning			County:	April 6, Allen C India	ounty	
Do Normal Circumsta Is the site significantly Is the area a potential l (If needed, explain on	disturbed (Atypical Problem Area?		Yes Yes Yes	No No No	Community ID: Transect ID: Plot ID:	SECTION	II: Forested Wetlan T1 T1P12	d
VEGETATION								
Dominant Plan	it Species	Stratum	Indicator		Dominant Pla	ant Species	Stratum	Indicator
1. Populus deltoides		canopy	FAC+	9.				
2. Fraxinus pennsylvanica		canopy	FACW	10.				
3. Cinna arundinacea		herbaceous	FACW	11.				
4. Impatiens capensis		herbaceous	FACW	12.				
5. Asteraceae		herbaceous	OBL/FAC	13.				
6				14.				
7				15.				
8								
Remarks: DOMINAN	ICE OF HYDRO	OPHYTIC VE	GETATION	I.				
HYDROLOGY				-	XX	T 1'		
Recorded Data (Do	escribe in Remarks): Stream, Lake, or Tic Aerial Photographs Other Available				x S W D D X S	nundated aturated in Upper l Vater Marks vrift Lines ediment Deposits		
Field Observations:					xD	rainage Patterns in	Wetlands	
Depth of Surface V	Vater:	0 (ir	n.)		Secondary Indicato		red) nnels in Upper 12 in	ches
Depth to Free Wat	er in Pit:	3 (ir	1.)			Vater-Stained Leave ocal Soil Survey D		
Depth to Saturated	Soil:	0 (ir	1.)			AC-Neutral Test other (Explain in Re	emarks)	
Remarks: PRESENCI	E OE HADBOI	OGV INDICA	TOPS					
	- 31 11121131	2 2 2 2 10101	01					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P12 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	m Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4		
Hydric Soil Indicator	s:				
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron	na Colors	Concretions High Organic Conter Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List ydric Soils List	Sandy Soils
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetat Wetland Hydrology I Hydric Soils Present	Present?	Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes
Remarks: WETLA	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenn	nifer Manning			Date:County:State:	Allen Cour	nty	
				10 10 10	Community ID: Transect ID: Plot ID:		T1 T1P13	nd
VEGETATION								
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant S	Species	Stratum	Indicator
1. Populus deltoides		canopy	FAC+	9.				
2. <u>Ulmus rubra</u>		canopy	FAC	10.				
3. Vitis riparia		vine	FACW-	11.				
4. Geum candense		herbaceous	FAC	12.				
5. Cinna arundinacea		herbaceous	FACW	13.				
6. Asteraceae sp.		herbaceous	OBL/FAC					
7. Carex sp.		herbaceous	OBL/FAC	15.				
8.								<u></u> -
(excluding FAC-) Remarks: DOMINA	NCE OF HYDRO	PHYTIC VE	GETATION.					
HYDROLOGY					Wetland Hydrology	I. disators		
Recorded Data (I	Describe in Remarks): Stream, Lake, or Tid Aerial Photographs Other tta Available				Primary Indicators X Inund Satura Water Drift X Sedin	lated ated in Upper 12 I r Marks Lines nent Deposits		
Field Observations:						nage Patterns in W		
Depth of Surface	: Water:	(in	n.)			ized Root Channel	*	ches
Depth to Free Wa	ater in Pit:	(in	a.)		Local	r-Stained Leaves Soil Survey Data	ı	
Depth to Saturate	ed Soil:	0 (in	a.)			-Neutral Test (Explain in Rema	arks)	
Remarks: PRESENC	CE OF HYDROLO	OGY INDICA	TORS.					

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Project/Site: Shovel Ready Site Plot ID T1P13 Page 2 of 2

E	el silt loam	Drainage Class:	moderately well	drained
Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No
Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.
1	10YR 4/2	10YR 4/4		
		_		
		_		
		_		
		_		
rs:				
Histosol Histic Epipedon		Concretions High Organic Conte	nt in Surface Laver in S	Sandy Soils
Sulfidic Odor		Organic Streaking in	Sandy Soils	
	ne			
	na Colors			
NCE OF HYDRIC SO	OIL INDICATORS.			
NATION				
tion Present?	Yes			
Present? ?	Yes	Is this Sampling Point V	Vithin a Wetland?	Yes
ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.
	Horizon 1 Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions X Gleyed or Low-Chron NCE OF HYDRIC SO	Horizon (Munsell Moist) 1 10YR 4/2 Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions x Gleyed or Low-Chroma Colors NCE OF HYDRIC SOIL INDICATORS. NATION tion Present? Yes Present? Yes ? Yes	Aquic Fluventic Eutrochrepts Matrix Color Mottle	Aquic Fluventic Eutrochrepts Horizon Matrix Color (Munsell Moist) Abundance/Contrast

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready State Applicant/Owner: Allen County Investigators: Annie White &	Site		_ _ _	Date: County: State:		ounty	
Do Normal Circumstances exist on the Is the site significantly disturbed (Aty Is the area a potential Problem Area? (If needed, explain on reverse.)		Yes No Yes No Yes No)	Community ID: Transect ID: Plot ID:	SECTION	IV: Forested Wetla T1 T1P14	nd
VEGETATION							
Dominant Plant Species	Stratum	Indicator		Dominant Pla	nt Species	Stratum	Indicator
1. Populus deltoides	canopy	FAC+	9.				
2. <u>Ulmus rubra</u>	canopy	FAC	10.				
3. Vitis riparia	vine	FACW-	11.				
4. Geum candense	herbaceous	FAC	12.				
5. Cinna arundinacea	herbaceous	FACW	13.				
6. Asteraceae sp.	herbaceous	OBL/FAC	14.				
7. Carex sp.	herbaceous	OBL/FAC					
8							
Remarks: DOMINANCE OF HY	DROPHYTIC VE	GETATION.					
HYDROLOGY				Wetland Hydrolo	~ Indicators		
Recorded Data (Describe in Rema Stream, Lake, o Aerial Photogri Other X No Recorded Data Available	or Tide Gauge			Primary Indicators x Int Sa W Di x Se	undated aturated in Upper 1 ater Marks rift Lines ediment Deposits		
Field Observations:					rainage Patterns in		
Depth of Surface Water:	(in	n.)			xidized Root Chan	nnels in Upper 12 in	ches
Depth to Free Water in Pit:	(in	n.)		Lo	ater-Stained Leave ocal Soil Survey Da		
Depth to Saturated Soil:	(in	n.)			AC-Neutral Test ther (Explain in Re	emarks)	
Remarks: PRESENCE OF HYDR	OLOGY INDICA	TORS.					

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Project/Site: Shovel Ready Site Plot ID T1P14 Page 2 of 2

Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	ll drained
axonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Struc Concretions,
0-12	1	10YR 4/2	10YR 4/4	4	
			_		
			_		
Hydric Soil Indicators:	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyo Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	TION				
Hydrophytic Vegetation Wetland Hydrology Pre Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes

(1987 COE Wetlands Delineation Manual)

					1		Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 20	i06	
Applicant/Owner:	Allen County				County:			
Investigators:	Annie White & Jen	nifer Manning			State:			
				, 				
	stances exist on the site			No	Community ID:	Upland adja	cent to Section IV	7
Is the site significar Is the area a potenti	ntly disturbed (Atypical	l Situation)?		No No	Transect ID:		T1	
(If needed, explain			103	10	Plot ID:	Ţ.	Γ1P15	
(======================================								
VEGETATION								
Dominant F	Plant Species	Stratum	Indicator		Dominant Plant	Species	Stratum	Indicator
1. Quercus alba		canopy	FACU	9.				
2. Acer saccharum		canopy	FACU	10.				
			FAOU					
3. Rubus occidentalis		subcanopy	FACU	11.				
4. Vitis riparia		vine	FACW-	12.				
<u>. </u>								
5. Erythronium america	ınum	herbaceous	FAC	13.				
4				1.4				
6		· —		14.				
7				15.				
8.				16.				
(excluding FAC-) Remarks: DOMINA	ANCE OF NON-F		IC VEGETAT	ΓΙΟΝ.	33.3%			
HYDROLOGY					Wetland Hydrolog	v Indicators		
					Wedding Hydrolog	y maicators		
Recorded Data	(Describe in Remarks)	:			Primary Indicators			
<u> </u>	Stream, Lake, or Ti	-				dated		
_	Aerial Photographs Other	•				rated in Upper 12 I	inches	
X No Recorded D						er Marks t Lines		
A No Recorded D	ata 7 (vanabic					ment Deposits		
						nage Patterns in W	etlands	
Field Observations:								
					Secondary Indicators (
Depth of Surfac	e Water:	none (in	ı.)			dized Root Channel	ls in Upper 12 inc	hes
Depth to Free V	Vater in Pit:	>20 (in	,)			er-Stained Leaves al Soil Survey Data		
Depui to Tree v	vater in rat.	(III)			C-Neutral Test		
Depth to Satura	ted Soil:	>20 (in	1.)			er (Explain in Rema	arks)	
_								
Remarks: ABSENC	E OF HYDROLO	OGY INDICAT	ΓORS.					

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Project/Site: Shovel Ready Site Plot ID T1P15 Page 2 of 2

Profile Description: Depth		-					
Profile Description: Depth (inches) Horizon (Munsell Moist) Abundance/Contrast Concre 0-6 1 10YR 3/2 6-12 2 10YR 4/3 Hydric Soil Indicators: Histosol Concretions High Organic Content in Surface Layer in Sandy Soils Sulfidic Odor Aquic Moisture Regime Reducing Conditions Colors Other (Explain in Remarks)		Ee	l silt loam	Drainage Class:	moderately well	drained	<u></u>
Depth (inches) Horizon (Munsell Moist) Abundance/Contrast Concretions 0-6 1 10YR 3/2 6-12 2 10YR 4/3 Hydric Soil Indicators:	nomy (Subgroup):	Aquic Fluv	entic Eutrochrepts	Field Observations Confirm	Mapped Type?	Yes	No
Hydric Soil Indicators: Histosol	Profile Description:						
Hydric Soil Indicators: Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Aquic Moisture Regime Reducing Conditions Gleyed or Low-Chroma Colors 10YR 4/3 Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)		Horizon			trast		re, Structure, retions, etc.
Hydric Soil Indicators: Histosol	0-6	1	10YR 3/2				
Histosol Concretions Histic Epipedon High Organic Content in Surface Layer in Sandy Soils Sulfidic Odor Organic Streaking in Sandy Soils Aquic Moisture Regime Listed on Local Hydric Soils List Reducing Conditions Listed on National Hydric Soils List Gleyed or Low-Chroma Colors Other (Explain in Remarks)	6-12	2	10YR 4/3				
Histosol Concretions Histic Epipedon High Organic Content in Surface Layer in Sandy Soils Sulfidic Odor Organic Streaking in Sandy Soils Aquic Moisture Regime Listed on Local Hydric Soils List Reducing Conditions Listed on National Hydric Soils List Gleyed or Low-Chroma Colors Other (Explain in Remarks)							
Histosol Concretions Histic Epipedon High Organic Content in Surface Layer in Sandy Soils Sulfidic Odor Organic Streaking in Sandy Soils Aquic Moisture Regime Listed on Local Hydric Soils List Reducing Conditions Listed on National Hydric Soils List Gleyed or Low-Chroma Colors Other (Explain in Remarks)							
Histosol Concretions Histic Epipedon High Organic Content in Surface Layer in Sandy Soils Sulfidic Odor Organic Streaking in Sandy Soils Aquic Moisture Regime Listed on Local Hydric Soils List Reducing Conditions Listed on National Hydric Soils List Gleyed or Low-Chroma Colors Other (Explain in Remarks)	Hydric Soil Indicator:	3:					
emarks: ABSENCE OF HYDRIC SOIL INDICATORS.	narks: ABSENC	Histic Epipedon Sulfidic Odor Aquic Moisture Regim Reducing Conditions Gleyed or Low-Chroma	a Colors	High Organic Content Organic Streaking in S Listed on Local Hydri Listed on National Hy	Sandy Soils c Soils List dric Soils List	Sandy Soils	
ETLAND DETERMINATION		ATION					
Hydrophytic Vegetation Present? No Wetland Hydrology Present? No Hydric Soils Present? No Is this Sampling Point Within a Wetland? No	TLAND DETERMIN.	ATION					
	Hydrophytic Vegetati Wetland Hydrology P	on Present? resent?	No	Is this Sampling Point W	ithin a Wetland?	No	

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							rage 1 01 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 2	.006	
Applicant/Owner:	Allen County				County:	Allen Cou		
Investigators:	Annie White & Jennif	ier Manning			State:	Indiana		
					•			
Do Normal Circum	nstances exist on the site?		Yes	No	Community ID:	SECTIO	ON II: Channel	
	ntly disturbed (Atypical Si	ituation)?	Yes	No				
Is the area a potenti	ial Problem Area?	•	Yes	No	Transect ID:		T1	
(If needed, explain	on reverse.)				Plot ID:		T1P16	
EGETATION								
	Plant Species	Stratum	Indicator		Dominant Plan	t Species	Stratum	Indicator
l				9.				
,				10.				
3				11.				
i .				12.				
5				13.				
6.				14.				
7		-		15.				
R				16				
o				• • • •				
Percent of Dominant Spec (excluding FAC-)	ccies that are OBL, FACW	or FAC			0.0%			
Remarks: No veget	tation within OHWM	Л						
		-						
IYDROLOGY								
					Wetland Hydrolog	gy Indicators		
Recorded Data	(Describe in Remarks):	_			Primary Indicators			
_	Stream, Lake, or Tide	Gauge		,		ndated		
_	Aerial Photographs					urated in Upper 12	Inches	
V No Pecorded Γ	Other					ter Marks ft Lines		
X No Recorded D	ata Avanabie							
						liment Deposits ainage Patterns in V	37 dd.	
Field Observations:					Dia	image ratierns in v	vetianus	
					Secondary Indicators	(2 or more require	(d)	
Depth of Surfac	ce Water:	3 (i	in.)			idized Root Channe		ches
Depth to Free V	Water in Dit-	0 (i	in.)			ter-Stained Leaves cal Soil Survey Dat		
Deput to Free v	valei iii rit.		11.)			C-Neutral Test	а	
Depth to Satura	ated Soil:	0 (i	in.)	,		ner (Explain in Ren	narks)	
temarks: PRESEN	NCE OF HYDROLO	GY INDIC	ATORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P16 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately well dr	ained
Γaxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm Ma	apped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	<u>t</u>	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4		
Hydric Soil Indicators:					
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Content in S Organic Streaking in Sand Listed on Local Hydric Sc Listed on National Hydric Other (Explain in Remark	dy Soils oils List c Soils List	ndy Soils
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	ATION		1		
Hydrophytic Vegetatio Wetland Hydrology Pr Hydric Soils Present?		No Yes Yes	Is this Sampling Point Within	n a Wetland?	No
			SITIVE VEGETATION INDIC. S. AND DELINEATED AT TH		

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenn	nifer Manning		_ _ 	Date: County: State:	Allen Coun	nty	
			Yes No Yes No Yes No		Community ID: Transect ID: Plot ID:		N II: Channel T1 Γ1Ρ17	
VEGETATION							<u>.</u>	
	Plant Species		Indicator		Dominant Plant Spe		Stratum	Indicator
1				9.				
2				10.				
3				11.				
4				12.				
5				13.				
6				14.				
7				15.				
								_
(excluding 1 AC-)					0.0%			
<u> </u>	tation within OHW	/М			0.0%			
demarks: No vege	tation within OHW	/M			-			
Remarks: No vege	tation within OHW	/ M			0.0% Wetland Hydrology In	ndicators		
Remarks: No vege	ı (Describe in Remarks): Stream, Lake, or Tic Aerial Photographs Other	: de Gauge			Wetland Hydrology In Primary Indicators x Inundate Saturate Water M Drift Lin Sedimer	ed od in Upper 12 I farks nes nt Deposits		
Remarks: No vege IYDROLOGY Recorded Data X No Recorded D	ı (Describe in Remarks): Stream, Lake, or Tic Aerial Photographs Other	: de Gauge			Wetland Hydrology In Primary Indicators x Inundate Saturate Water M Drift Lin Sedimen Drainag	ed d in Upper 12 I Marks nes nt Deposits e Patterns in W	etlands	
Remarks: No vege	n (Describe in Remarks): Stream, Lake, or TioAerial PhotographsOther Data Available	: de Gauge	n.)		Wetland Hydrology In Primary Indicators x Inundate Saturate Water M Drift Lin Sedimer Drainag Secondary Indicators (2 or Oxidize	ed d in Upper 12 I Aarks nes nt Deposits e Patterns in W r more required; d Root Channel	etlands	thes
Remarks: No veger IYDROLOGY Recorded Data X No Recorded E Field Observations:	a (Describe in Remarks): Stream, Lake, or Tic Aerial Photographs Other Data Available	: de Gauge			Wetland Hydrology In Primary Indicators x Inundate Saturate Water N Drift Lin Sedimen Drainag Secondary Indicators (2 or Oxidize x Water-S Local Se	ed d in Upper 12 I Marks nes nt Deposits e Patterns in Wo r more required; d Root Channel stained Leaves bil Survey Data	etlands) ls in Upper 12 inc	thes
Recorded Data Recorded Data X No Recorded E Field Observations: Depth of Surface	n (Describe in Remarks): Stream, Lake, or Tic Aerial PhotographsOther Data Available ace Water:	: de Gauge	n.)		Wetland Hydrology In Primary Indicators x Inundate Saturate Water Drift Lin Sedimen Drainag Secondary Indicators (2 or Oxidize x Water-S Local Se	ed d in Upper 12 I Aarks nes nt Deposits e Patterns in W r more required; d Root Channel tained Leaves	etlands) ls in Upper 12 ind	thes

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P17 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	Е	el silt loam	Drainage Class:	moderately well	drained	
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ntrast	Texture, Struct	
0-12	1	10YR 4/2	10YR 4/4 mot	tles		
			_			
		_	-			
			_			
			_			
			<u>-</u>			
Hydric Soil Indicators	:					
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conter Organic Streaking in Listed on Local Hydr Listed on National H Other (Explain in Re	ric Soils List ydric Soils List	Sandy Soils	
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.				
WETLAND DETERMINA	ATION					
Hydrophytic Vegetatic Wetland Hydrology P Hydric Soils Present?		No Yes Yes	Is this Sampling Point V	Vithin a Wetland?	No	
			SITIVE VEGETATION, HY S. AND DELINEATED AT		D SOIL INDICA	TORS

(1987 COE Wetlands Delineation Manual)

Project Site: Applicant Owner: Application Owner: Alles County Annie White & Jennifer Manning Do Normal Cincurstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Yes No Is the site significantly disturbed (Atypical Situation)? Yes No Is the area to potential Problem Area? If a canopy FACU ID Deminant Plant Species Stratum Indicator Deminant Plant Species Stratum Indicator Indicat								Page 1 of 2	
ApplicantOwner: Allen County Investigators: Allen County Investigators: Indiana Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Poblem Area? (If needed, explain or reverse.) FEGETATION FEGETATION Tegerate allen Logarized allen County Yes No State Transect ID: Ti To To To To To To To To To	Project/Site:	Shovel Ready Site				Date:	April 6	2006	
Do Normal Circumstances exist on the stie? Is the site significantly disturbed (Atypical Sinuation)? Is the site significantly disturbed (Atypical Sinuation)? Is the site significantly disturbed (Atypical Sinuation)? Is the area openuial Problem Area? (If needed, explain on reverse.) Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator									
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) Community ID:			nifer Manning			· -			
Is the size significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) Transect ID					-				
Is the site significantly disturbed (Atypical Situation)? If needed, explain on reverse.) Transect ID	Do Normal Circum	stances exist on the site	. ?	Vos	No	Community ID:	Unland o	diagont to Soction I	
Is the area a potential Problem Area? (If needed, explain on reverse.) Transect ID						Community ID.	Opiana ac	ijaceni to section i	
Plot ID: TIP18	-		Situation).			Transect ID:		T1	
EGETATION Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator Quercus aiba									
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator		<u> </u>							
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator									
1. Quercus alba canopy FACU 9		Plant Species	Stratum	Indicator		Dominant Plan	nt Species	Stratum	Indicator
2. Acer saccharum 2. Acer saccharum 3. Prumus serotina 4. Rubus occidentalis 5. subcanopy 5. FACU 11. 5. 13. 6. 14. 7. 15. 8. 16. 9. 16. 9. 16. 9. 16. 9. 16. 9. 17. 9. 18. 9. 18. 9. 19. 9. Wetland Hydrology Indicators Primary Indicators Prim	Dominanti	iant species	Stratum	mulcator		Dominant Fiai	it species	Stratum	mulcator
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Commission of the Control of the Con	emarks: ABSENC	TE OF HYDROLO	GY INDICAT	TORS					
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(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P18 Page 2 of 2

Accomomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes No Profile Description: Depth Matrix Color (Munsell Moist) Abundance/Contrast Concretions. 0-6 1 10YR 3/2 6-12 2 10YR 5/4 Hydric Soil Indicators: Histosol Concretions Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Gleyed or Low-Chroma Colors Gleyed or Low-Chroma Colors Remarks: ABSENCE OF HYDRIC SOIL INDICATORS. Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes No Mottle Texture, Struct Abundance/Contrast Concretions. Texture, Struct Abundance/Contrast Concretions. Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks) Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.	(Series and Phase):	Е	el silt loam	Drainage Class:	moderately well	drained	_
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(inches) Horizon (Munsell Moist) Abundance/Contrast Concretions, 0-6 1 10YR 3/2 6-12 2 10YR 5/4 Hydric Soil Indicators:	Profile Description:						
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Hydric Soil Indicators: Histosol	0-6	1	10YR 3/2				
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Hydrophytic Vegetation Present? No No							
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Wetland Hydrology Present? No Is this Sampling Point Within a Wetland? No	Wetland Hydrology Pro		No	Is this Sampling Point Wit	thin a Wetland?	No	
Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDIC	ř	EL AND DAGED C	N ADSENCE OF DOS				ICAT

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Onner: Shored Ready Site: Applicant/Onner: Applicant/Onner: Applicant/Onner: Applicant/Onner: Applicant/Onner: Applicant/Onner: Alter County Anner White & Jennifor Manning Do Normal Circumstances: exist on the site? Yes No Yes No Transect ID: Till Tra						•		Page 1 of 2	
Applican/Owner: Allen County Investigators: Allen County Investigators: Allen County Investigators: Allen County Investigators: Allen County State: Indiana Do Normal Circumstances exist on the site? Is the site significantly disturbed (Appical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) VEGETATION VEGETATION VEGETATION VEGETATION VEGETATION VEGETATION Legislation on reverse and problem Area? Legisla	Project/Site	Shovel Ready Site				Date:	April 6	2006	
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Is the area a potential Problem Area? (If needede, explain on reverse.) Ves No						Community ID.	SECTION	1. Folested Wellar	lu
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Depth of Surface Water: 2 (in.) Depth to Free Water in Pit: Depth to Saturated Soil: 2 (in.) (in.) Secondary Indicators (2 or more required) Water-Stained Root Channels in Upper 12 inches x Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Field Observations:					XD	ramage rauerns m	Wettalius	
Depth to Free Water in Pit: 0 (in.) Local Soil Survey Data FAC-Neutral Test Depth to Saturated Soil: 0 (in.) Other (Explain in Remarks)	Tiola Gosel valions.					Secondary Indicator	s (2 or more requir	red)	
Depth to Free Water in Pit: 0 (in.) Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Depth of Surfac	e Water:	(in	ı.)		0	xidized Root Chan	nels in Upper 12 in	ches
Depth to Saturated Soil: TAC-Neutral Test									
Depth to Saturated Soil: O (in.) Other (Explain in Remarks)	Depth to Free V	Vater in Pit:	(in	1.)			•	ata	
	Donth to Coture	stad Cails	0 6.	. \				mortes)	
Remarks: PRESENCE OF HYDROLOGY INDICATORS.	Deptil to Satura	ited Soil.	(III	1.)		0	iller (Explain ill Ke	marks)	
Children. TRESERVEL OF TITOROLOGY INDICATIONS.	Remarks: PRESEN	CE OF HYDROL	OGY INDICA	TORS					
	Ciliarks. TRESERV	CL OI IIIDROL	JOGT INDICA	HORD.					

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Project/Site: Shovel Ready Site Plot ID T1P19 Page 2 of 2

(Series and Phase):	E	Eel silt loam	Drainage Class:	moderately well	l drained
axonomy (Subgroup):	(Subgroup): Aquic Fluventic Eutrochrepts Description: Matrix Color	ventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon		Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 3/2	10YR 4/4	4	
Hydric Soil Indicators:					
<u>x</u>	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking i Listed on Local Hyo Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	TION				
Hydrophytic Vegetatio Wetland Hydrology Pro Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes

(1987 COE Wetlands Delineation Manual)

Applicant/Owner:	Shovel Ready Site Allen County Annie White & Jenn ces exist on the site	nifer Manning		_	Date:			
Investigators: Do Normal Circumstan Is the site significantly	Annie White & Jenr	nifer Manning		_	County:	Allen Cou	inty	
Do Normal Circumstan		nifer Manning						
Is the site significantly	ces exist on the site			_	State:	Indiana	1	
(If needed, explain on r	disturbed (Atypical roblem Area?		Yes No Yes No Yes No	0	Community ID: Transect ID: Plot ID:		V: Forested Wetla T1 T1P20	nd
EGETATION								
Dominant Plan	Species	Stratum	Indicator		Dominant Plant S	Species	Stratum	Indicator
1. Populus deltoides		canopy	FAC+	9.				
2. <u>Ulmus rubra</u>		canopy	FAC	10.				
3. Fraxinus pennsylvanica		canopy	FACW	11.				
4. Vitis riparia		vine	FACW-	12.				
5. Impatiens capensis		herbaceous	FACW	13.				
6. Cinna arundinacea		herbaceous	FACW	14.				
7. <u>Carex sp</u> .		herbaceous	OBL/FAC	15.				
8				16.				
(excluding FAC-) Remarks: DOMINAN	CE OF HYDRO	OPHYTIC VE	GETATION.		100.0%			
YDROLOGY					Wetland Hydrology	/ Indicators		
<u> </u>	Stream, Lake, or Tic Aerial Photographs Other	de Gauge			Primary Indicators x Inunc Satur Wate Drift x Sedir	dated rated in Upper 12 or Marks Lines nent Deposits		
Field Observations:					x Drain Secondary Indicators (2	nage Patterns in V		
	/ater:	(in	1.)		Oxid	-	els in Upper 12 in	ches
Depth of Surface W	-					l Soil Survey Dat		
Depth of Surface W	_	0 (in	1.)			-Neutral Test	а	

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Project/Site: Shovel Ready Site Plot ID T1P20 Page 2 of 2

(Series and Phase):	E	Eel silt loam	Drainage Class:	moderately wel	l drained
axonomy (Subgroup):	(Subgroup): Aquic Fluventic Eutrochrepts Description: Depth Matrix Color (Munsell Moist)	ventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon		Mottle Abundance/Co	ontrast	Texture, Structure Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	4	
Hydric Soil Indicators:					
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyo Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	TION		1		
Hydrophytic Vegetatio Wetland Hydrology Pro Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes

(1987 COE Wetlands Delineation Manual)

Applicant/Owner:	Shovel Ready Site Allen County Annie White & Jenni	fer Manning			County:	April 6, Allen C India	ounty	
Do Normal Circumstan Is the site significantly Is the area a potential P (If needed, explain on r	disturbed (Atypical S roblem Area?		Yes Yes Yes	No No No	Community ID: Transect ID: Plot ID:	SECTION	IV: Forested Wetla T1 T1P21	nd
VEGETATION								
Dominant Plant	Species	Stratum	Indicator		Dominant Pla	ant Species	Stratum	Indicator
1. Populus deltoides		canopy	FAC+	9.				
2. Ulmus rubra		canopy	FAC	10.				
3. Fraxinus pennsylvanica		canopy	FACW	11.				
4. Carex sp.		herbaceous	OBL/FAC	12.				
5. Impatiens capensis		herbaceous	FACW	13.				
6. Cinna arundinacea		herbaceous	FACW	14.				
7				15.				
8								
Remarks: DOMINAN	CE OF HYDRO	PHYTIC VE	EGETATION	ī.				
HYDROLOGY								
	Stream, Lake, or Tide Aerial Photographs Other	e Gauge			S 	nundated aturated in Upper 1 Vater Marks brift Lines ediment Deposits		
Field Observations:						Prainage Patterns in		
Depth of Surface W	'ater:	(ir	n.)		Secondary Indicato		red) nnels in Upper 12 in	ches
Depth to Free Wate	r in Pit:	0 (ir	n.)			Vater-Stained Leave ocal Soil Survey D		
Depth to Saturated	Soil:	0 (ir	n.)			AC-Neutral Test Other (Explain in Re	emarks)	
Remarks: PRESENCE	OE HADBOI C	GV INDIC/	ATOPS					
	TI III DROLO		01					

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Project/Site: Shovel Ready Site Plot ID T1P21 Page 2 of 2

(Series and Phase):	Е	Eel silt loam	Drainage Class:	moderately wel	l drained
axonomy (Subgroup):	(Subgroup): Aquic Fluventic Eutrochrepts Description: Matrix Color	ventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon		Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/2	4	
Hydric Soil Indicators:	Histosol		Concretions		
x	Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron			dric Soils List Hydric Soils List	Sandy Soils
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	TION		I		
Hydrophytic Vegetation Wetland Hydrology Pro		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Sit Allen County Annie White & J				Date: County: State:	Allen Co	ounty	
			Yes Yes Yes	No No No	Community ID: Transect ID: Plot ID:		jacent to Section F T1 T1P22	<i>J</i>
/EGETATION			T. II.		D DI			
	Plant Species	Stratum	Indicator		Dominant Plan	•	Stratum	Indicator
1. Quercus alba		canopy	<u>FACU</u>					
2. <u>Carya ovata</u>		canopy	FACU	10.				
3. Rubus occidentalis		subcanopy	FACU	11.				
4. Vitis riparia		vine	FACW-	12.				
5. Carex pensylvanica		herbaceous	FACU	13.				
ó				14.				
7				15.				
ercent of Dominant Spec	cies that are OBL, FA			16.	20.0%			
ercent of Dominant Specescluding FAC-)	cies that are OBL, FA	ACW or FAC	IC VEGETA					
ercent of Dominant Specerculating FAC-) emarks: DOMINA	cies that are OBL, FA	ACW or FAC	IC VEGETA		20.0%			
ercent of Dominant Species (excluding FAC-) emarks: DOMINA	(Describe in Remark Stream, Lake, or Aerial Photograp Other	ACW or FAC -HYDROPHYT (s): Tide Gauge	IC VEGETA		Wetland Hydrolog Primary Indicators Inui Satt Wa Drit Sed	gy Indicators ndated urated in Upper 12 ter Marks ft Lines liment Deposits	2 Inches	
ercent of Dominant Species (excluding FAC-) Lemarks: DOMINA YDROLOGY Recorded Data X No Recorded D	(Describe in Remark Stream, Lake, or Aerial Photograp Other	ACW or FAC -HYDROPHYT (s): Tide Gauge	IC VEGETA		Wetland Hydrolog Primary Indicators Inui Sate Wa Drii Sed Dra	gy Indicators Indated Indated in Upper 12 Iter Marks Iter Marks Iter Lines Itement Deposits Iter Patterns in Version	2 Inches Wetlands	
ercent of Dominant Species (excluding FAC-) Lemarks: DOMINA YDROLOGY Recorded Data X No Recorded D	(Describe in Remark Stream, Lake, or Aerial Photograp Other Other	ACW or FAC -HYDROPHYT (s): Tide Gauge			Wetland Hydrolog Primary Indicators Inui Satt Wa Drii Sed Dra Secondary Indicators	gy Indicators Indated Indated in Upper 12 Iter Marks Iter Mark	2 Inches Wetlands	ches
ercent of Dominant Specercent of Dominant Specercent of Dominant Specercent of Execution FAC-) Exemples: DOMINA YDROLOGY Recorded Data X No Recorded Data Field Observations: Depth of Surface	(Describe in Remark Stream, Lake, or Aerial Photograp Other	ACW or FAC -HYDROPHYT as): Tide Gauge ths	1.)		20.0% Wetland Hydrolog Primary Indicators Inui Satt Wa Drii Sed Dra Secondary Indicators Oxi Wa	gy Indicators Indated Indated in Upper 12 Iter Marks	2 Inches Wetlands ed) nels in Upper 12 in	ches
Percent of Dominant Species (excluding FAC-) Remarks: DOMINA TYDROLOGY Recorded Data X No Recorded D Field Observations:	(Describe in Remark Stream, Lake, or Aerial Photograp Other Pata Available	ACW or FAC -HYDROPHYT as): Tide Gauge ths	1.)		Wetland Hydrolog Primary Indicators Inui Sati Wa Drii Sed Dra Secondary Indicators Oxi Wa Loc FAG	gy Indicators Indated Indated in Upper 12 Iter Marks Iter Mark	2 Inches Wetlands ed) nels in Upper 12 in s	ches

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Project/Site: Shovel Ready Site Plot ID T1P22 Page 2 of 2

Map Unit Name (Series and Phase):	Ee!	l silt loam	Drainage Class:	moderately well	l drained	
axonomy (Subgroup):	ny (Subgroup): Aquic Fluventic Eutrochrepts		Field Observations Confirm	m Mapped Type?	Yes	No
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ntrast		ture, Structure
0-4	1	10YR 3/2				
4-12		10YR 4/2				
Hydric Soil Indicators:	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Gleyed or Low-Chroma		Concretions High Organic Conter Organic Streaking in Listed on Local Hydi Listed on National H Other (Explain in Re	lric Soils List Iydric Soils List	Sandy Soils	S
emarks: ABSENCE		L INDICATORS.				
Hydrophytic Vegetation Wetland Hydrology Pre Hydric Soils Present?	n Present?	No No No	Is this Sampling Point V	Within a Wetland?	No)
Remarks: NON-WET	(LAND BASED O	N ABSENCE OF POS	ITIVE VEGETATION, HY	YDROLOGY, AN	ND SOIL	INDICAT

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Applicant/Owner: Allen County Investigators: Annie White			_	Date: County: State:	April 6, Allen C India	County	
Do Normal Circumstances exist on t Is the site significantly disturbed (At Is the area a potential Problem Area' (If needed, explain on reverse.)	typical Situation)?	Yes No Yes No Yes No)	Transect ID:	SECTION	NI: Forested Wetlan T1 T1P23	ıd
VEGETATION							
Dominant Plant Species	Stratum	Indicator		Dominant Plan	nt Species	Stratum	Indicator
1. Quercus bicolor	canopy	FACW+	9.				
2. Fraxinus pennsylvanica	canopy	FACW	10.				
3. Carex sp.	herbaceous	OBL/FAC	11.				
4. Impatiens capensis	herbaceous	FACW	12.				
5			13.				
6			14.				
7							
8.							
Remarks: DOMINANCE OF HY	OROPHYTIC VE	GETATION.					
HYDROLOGY			1	Wetland Hydrolo	av Indicatore		
Recorded Data (Describe in Ren Stream, Lake Aerial Photog Other X No Recorded Data Available	, or Tide Gauge			Primary Indicators Indicators X Sa Wa Dr X See	undated turated in Upper later Marks ift Lines diment Deposits		
Field Observations:					ainage Patterns in		
Depth of Surface Water:	(ir	1.)		Secondary Indicators Ox		red) nnels in Upper 12 in	ches
Depth to Free Water in Pit:	6 (ir	ı.)			ater-Stained Leave cal Soil Survey D		
Depth to Saturated Soil:	(ir	1.)			C-Neutral Test her (Explain in Re	emarks)	
Remarks: PRESENCE OF HYD	ROLOGY INDICA	ATORS.					

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Project/Site: Shovel Ready Site Plot ID T1P23 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	E	Eel silt loam	Drainage Class:	moderately well drained		
Гахопоту (Subgroup):	Aquic Flu	uventic Eutrochrepts	Field Observations Confirm Ma	ipped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	<u>; </u>	Texture, Structure, Concretions, etc.	
0-4	1	10YR 3/2				
4-12	2	10YR 4/2	10YR 4/4			
Hydric Soil Indicators:	:					
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron	ma Colors	Concretions High Organic Content in S Organic Streaking in Sand Listed on Local Hydric So Listed on National Hydric Other (Explain in Remarks	ly Soils oils List : Soils List	Sandy Soils	
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.				
WETLAND DETERMINA	ATION					
Hydrophytic Vegetatio Wetland Hydrology Pr Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point Within	n a Wetland?	Yes	
Remarks: WETLAN	D BASED ON PR	ESENCE OF POSITIVE	E VEGETATION, HYDROLO	GY, AND SO	OIL INDICATORS.	
1						

(1987 COE Wetlands Delineation Manual)

							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 20	006	
Applicant/Owner:	Allen County			_	County:			
Investigators:	Annie White & Jeni	nifer Manning		_	State:			
	stances exist on the site		Yes No Yes No	_	Community ID:	SECTION I	: Forested Wetlan	d
Is the area a potenti		Situation):	Yes No	_	Transect ID:		T1	
(If needed, explain					Plot ID:		T1P24	
VEGETATION Dominant I	Plant Species	Ctuatum	Indianton		Dominant Plan	Canadas	Ctuatum	Indicator
Dominant r	Tant Species	Stratum	Indicator		Dominant Fran	species	Stratum	Indicator
1. Quercus bicolor		canopy	FACW+	9.				
		·						
2. Ulmus rubra	_	canopy	FAC	10.				
3. Carex sp.		herbaceous	OBL/FAC	11				
S. Curex sp.		nerbuccous	000,710	11.				
4. Impatiens capensis		herbaceous	FACW	12.				
5 6: 1:			EA C\\\	12				
5. Cinna arundinacea		herbaceous	<u>FACW</u>	13.				
6. Vitis riparia		vine	FACW-	14.				
•								
7				15.				
0				16				
8				10.				
Percent of Dominant Spec (excluding FAC-)					100.0%			
Remarks: DOMINA	ANCE OF HYDRO	OPHYTIC VE	GETATION.					
IYDROLOGY								
					Wetland Hydrolog	y Indicators		
Recorded Data	(Describe in Remarks):				Primary Indicators	-4-4-		
	Stream, Lake, or Tic Aerial Photographs	ie Gauge				ndated ırated in Upper 12	Inches	
_	Other					ter Marks	menes	
X No Recorded D	ata Available				Drif	ft Lines		
						iment Deposits		
F. 1101					x Dra	inage Patterns in V	Vetlands	
Field Observations:					Secondary Indicators	() or more require	4)	
Depth of Surfac	e Water	0 (ir	1)		•	dized Root Channe		hes
Depth of Buriac	_	(II	,			ter-Stained Leaves		
Depth to Free V	Vater in Pit:	6 (ir	n.)			al Soil Survey Data	a	
	_					C-Neutral Test		
Depth to Satura	ted Soil:	(ir	n.)		Oth	er (Explain in Rem	narks)	
DDDECEN	CE OF HYDDOL	OCY INDICA	TODE					
Remarks: PRESEN	CE OF HYDROL	OGY INDICA	ATORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P24 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	trast	Texture, Structure, Concretions, etc.
0-12	1	10YR 3/2	10YR 4/4		
			_		
			_		
			_		
			_		
			_		
Hydric Soil Indicators	:				
	Histosol Histic Epipedon		Concretions High Organic Conten	t in Surface Layer in S	Sandy Soils
	Sulfidic Odor		Organic Streaking in	Sandy Soils	
	Aquic Moisture Regir	ne	Listed on Local Hydr		
x	Reducing Conditions Gleyed or Low-Chron	na Colors	Listed on National H Other (Explain in Re		
Remarks: PRESEN	CE OF HYDRIC S	OIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetatio		Yes			
Wetland Hydrology Pr Hydric Soils Present?	resent?	Yes Yes	Is this Sampling Point W	ithin a Wetland?	Yes
Remarks: WETLAN	ND BASED ON PR	ESENCE OF POSITIV	VE VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Applicant/Owner: Allen County Investigators: Annie White &	Site & Jennifer Manning			County:	April 6, Allen Co India	ounty	
Do Normal Circumstances exist on the Is the site significantly disturbed (Aty Is the area a potential Problem Area? (If needed, explain on reverse.)	pical Situation)?	Yes	No No No	Community ID: Transect ID: Plot ID:	Upland a	adjacent to Section I T1 T1P25	
VEGETATION							
Dominant Plant Species	Stratum	Indicator		Dominant Pl	ant Species	Stratum	Indicator
1. Quercus alba	canopy	FACU	9.				
2. Acer saccharum	canopy	FACU	10.				
3. Prunus serotina	canopy	FACU	11.				
4. Rubus occidentalis	subcanopy	FACU	12.				
5. Erythronium americanum	herbaceous	FAC	13.				
6			14.				
7							
8.							
Remarks: DOMINANCE OF NO	N-HYDROPHYT)	IC VEGETA	TION.				
HYDROLOGY				*** -1 1 TT 1 1	T 11 ,		
Recorded Data (Describe in Rem. Stream, Lake, Aerial Photogr Other X No Recorded Data Available	or Tide Gauge			S V D D D D D D D D D D D D D D D D D D	nundated aturated in Upper 1 Vater Marks Drift Lines ediment Deposits		
Field Observations:			-		Prainage Patterns in		
Depth of Surface Water:	none (in	1.)			Oxidized Root Chan	nnels in Upper 12 in	ches
Depth to Free Water in Pit:	>20 (in	1.)			Vater-Stained Leave ocal Soil Survey Da		
Depth to Saturated Soil:	>20 (in	1.)		_	AC-Neutral Test Other (Explain in Re	emarks)	
Remarks: ABSENCE OF HYDR	OLOGY INDICAT	ΓORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P25 Page 2 of 2

F	el silt loam	Drainage Class:	moderately wel	ll drained
Aquic Flu	iventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.
1	10YR 3/2			
2	10YR 4/2			
:				
Reducing Conditions Gleyed or Low-Chron	ma Colors	Organic Streaking in Listed on Local Hyd Listed on National I	n Sandy Soils dric Soils List Hydric Soils List	Sandy Soils
E OF HYDRIC SO	OIL INDICATORS.			
	- <u>-</u>			
ATION				
on Present? resent?	No No No	Is this Sampling Point	Within a Wetland?	No
TLAND BASED (ON ABSENCE OF POS	I ITIVE VEGETATION, H	YDROLOGY, AN	ND SOIL INDICATOR
1	Horizon 1 2 Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chror E OF HYDRIC SC	Horizon (Munsell Moist) 1 10YR 3/2 2 10YR 4/2 Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Gleyed or Low-Chroma Colors E OF HYDRIC SOIL INDICATORS. ATION on Present? No No No No	Aquic Fluventic Eutrochrepts Matrix Color	Aquic Fluventic Eutrochrepts Matrix Color (Munsell Moist)

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Applicant/Owner: Allen County Investigators: Annie White	•		<u> </u>	County:	April 6, Allen C India	County	
Do Normal Circumstances exist on Is the site significantly disturbed (AI Is the area a potential Problem Area (If needed, explain on reverse.)	typical Situation)?	Yes No Yes No Yes No	О	Community ID: Transect ID: Plot ID:	SECTION	VII: Forested Wetla T1 T1P26	and
VEGETATION							
Dominant Plant Species	Stratum	Indicator		Dominant Pla	ant Species	Stratum	Indicator
1. Populus deltoides	canopy	FAC+	9.				
2. <u>Ulmus rubra</u>	canopy	FAC	10.				
3. Fraxinus pennsylvanica	canopy	FACW	11.				
4. Sambucus canadensis	subcanopy	FACW-	12.				
5. Carex sp.	herbaceous	OBL/FAC	13.				
6. Impatiens capensis	herbaceous	FACW	14.				
7. Claytonia virginica	herbaceous	FACU	15.				
8							
(excluding FAC-) Remarks: DOMINANCE OF H	YDROPHYTIC VE	GETATION.		100.0%			
HYDROLOGY				Wetland Hydrol	ogy Indicators		
Recorded Data (Describe in Ren Stream, Lake Aerial Photog Other X No Recorded Data Available	e, or Tide Gauge			Primary Indicators In X S W D D X S	nundated aturated in Upper Vater Marks Drift Lines ediment Deposits		
Field Observations:					Prainage Patterns in		
Depth of Surface Water:	(in	n.)			Oxidized Root Char	nnels in Upper 12 in	ches
Depth to Free Water in Pit:	6 (in	n.)		L	Vater-Stained Leav ocal Soil Survey D		
Depth to Saturated Soil:	(in	n.)			AC-Neutral Test Other (Explain in R	emarks)	
Remarks: PRESENCE OF HYD	ROLOGY INDICA	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P26 Page 2 of 2

(Series and Phase):	E	Eel silt loam	Drainage Class:	moderately well	well drained	
axonomy (Subgroup):	Aquic Flu	iventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.	
0-12	1	10YR 3/2	10YR 4/4	4		
Hydric Soil Indicators:						
<u>x</u>	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking i Listed on Local Hyo Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils	
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.				
WETLAND DETERMINA	.TION					
Hydrophytic Vegetatio Wetland Hydrology Pro Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes	

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Sit Allen County Annie White & Jo	te Jennifer Manning			Date:County:State:	Allen Cou	nty	
Do Normal Circums Is the site significant Is the area a potentia (If needed, explain o	tly disturbed (Atypic al Problem Area?		Yes N	10 10 10	Community ID: Transect ID: Plot ID:		cent to Section V T1 T1P27	II
EGETATION								
Dominant Pl	-	Stratum	Indicator		Dominant Plant S		Stratum	Indicator
1. Fraxinus pennsylvania	<u>ea</u>	canopy	<u>FACW</u>					
2. <u>Ulmus rubra</u>		canopy	FAC	10.				
3. Acer saccharum		canopy	FACU	11.				
4. Carex pensylvanica		herbaceous	FACU	12.				
5				13.				
б				14.				
7				15.				
3								
Remarks: NON-DO	MINANCE OF	HYDROPHYT	IC VEGETAT	ION.				
YDROLOGY					Wetland Hydrology	Indicators		
Recorded Data (X No Recorded Data	Describe in Remark Stream, Lake, or Aerial Photograp Other ata Available	Tide Gauge			Primary Indicators Inund Satura Water Drift I Sedim	lated ated in Upper 12 a r Marks Lines nent Deposits		
Field Observations:						age Patterns in W		
Depth of Surface	e Water:	none (in	ı.)			zed Root Channe		iches
5 d . 5 W	ater in Pit:	>20 (in	1.)			r-Stained Leaves Soil Survey Data	ı	
Depth to Free W						Neutral Test		
Depth to Free W	ed Soil:	>20 (in	·.)		Other	(Explain in Rem	arks)	

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P27 Page 2 of 2

F	el silt loam	Drainage Class:	moderately wel	ll drained
Aquic Flu	iventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.
1	10YR 3/2			
2	10YR 4/2			
:				
Reducing Conditions Gleyed or Low-Chron	ma Colors	Organic Streaking in Listed on Local Hyd Listed on National I	n Sandy Soils dric Soils List Hydric Soils List	Sandy Soils
E OF HYDRIC SO	OIL INDICATORS.			
	- <u>-</u>			
ATION				
on Present? resent?	No No No	Is this Sampling Point	Within a Wetland?	No
TLAND BASED (ON ABSENCE OF POS	I ITIVE VEGETATION, H	YDROLOGY, AN	ND SOIL INDICATOR
1	Horizon 1 2 Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chror E OF HYDRIC SC	Horizon (Munsell Moist) 1 10YR 3/2 2 10YR 4/2 Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Gleyed or Low-Chroma Colors E OF HYDRIC SOIL INDICATORS. ATION on Present? No No No No	Aquic Fluventic Eutrochrepts Matrix Color	Aquic Fluventic Eutrochrepts Matrix Color (Munsell Moist)

(1987 COE Wetlands Delineation Manual)

Do Normal Circumstand Is the site significantly of Is the area a potential Pr (If needed, explain on re		<u></u>			County: State:	Allen Cour Indiana		
	disturbed (Atypical roblem Area?		Yes	No No No	Community ID: Transect ID: Plot ID:		T1 T1P28	[
EGETATION						<u></u>		
Dominant Plant	Species	Stratum	Indicator		Dominant Plant S	•	Stratum	Indicator
1. Lonicera tatarica		subcanopy	FACU					
2. Impatiens capensis		herbaceous	FACW	10.				
3. <u>Setaria italica</u>		herbaceous	FACU	11.				
4. Taraxacum officinale		herbaceous	FACU	12.				
5. Verbascum thapsus		herbaceous	UPL	13.				
6. Dipsacus sylvestris		herbaceous	UPL	14.				
7				15.				
8				16.				
Remarks: DOMINANO	CE OF NON-H	IYDROPHYTI	IC VEGETA	ΓΙΟΝ.				
YDROLOGY				$\overline{}$	Wetland Hydrology	Indicators		
<u></u>	Stream, Lake, or Ti Aerial Photographs Other	ide Gauge			Water Drift I Sedim	ated in Upper 12 I Marks		
Field Observations:								
Depth of Surface W	ater:	none (in	1.)			zed Root Channel	*	iches
Depth to Free Water	r in Pit:	>20 (in	1.)			-Stained Leaves Soil Survey Data	ι	
Depth to Saturated S	Soil:	>20 (in	1.)			Neutral Test (Explain in Rema	arks)	
Remarks: ABSENCE (OF HYDROL(OGY INDICA'	TORS					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P28 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately well	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	m Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2			
Hydric Soil Indicators	:				
 	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List lydric Soils List	Sandy Soils
Remarks: ABSENC	E OF HYDRIC SO	IL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetati Wetland Hydrology P	on Present?	No			
Hydric Soils Present?		No	Is this Sampling Point V	Vithin a Wetland?	No
Remarks: NON-WE	ETLAND BASED C	ON ABSENCE OF POS	ITIVE VEGETATION, HY	YDROLOGY AN	D SOIL INDICATORS.

(1987 COE Wetlands Delineation Manual)

					İ			
Project/Site:	Shovel Ready Site	e			Date:			
Applicant/Owner:	Allen County	10 34 days		_	County:	Allen Co		
Investigators:	Annie White & Je	ennifer Manning		-	State:	Indian	<u>a</u>	
			Yes No Yes No Yes No)	Community ID: Transect ID: Plot ID:		T1 T1P29	and
EGETATION								
	Plant Species	Stratum	Indicator		Dominant Plant	Species	Stratum	Indicate
. <u>Dichanthelium clana</u>	lestinum	herbaceous	FACW	9.				
2. Carex sp.		herbaceous	OBL/FAC					
. Cyperus esculentus		herbaceous	FACW	11.				
·				12.				
i				13.				
5.				14.				
'. <u> </u>								
ercent of Dominant Spec	cies that are OBL, FA			16.				
ercent of Dominant Specescluding FAC-)	cies that are OBL, FA	CW or FAC	GETATION.	16.	100.0%			
ercent of Dominant Specexcluding FAC-) emarks: DOMINA	cies that are OBL, FA	CW or FAC	GETATION.		100.0%			
ercent of Dominant Spec (excluding FAC-) (emarks: DOMINA (Emarks: DOMINA)	(Describe in Remark. Stream, Lake, or Aerial Photograph	CW or FAC ROPHYTIC VE s): Tide Gauge	GETATION.		Wetland Hydrolog Primary Indicators x Inur Satu Wat Drift Sedi	ry Indicators Indated Indated in Upper 12 Iter Marks It Lines Item of the control of the contro	2 Inches	
ercent of Dominant Specexcluding FAC-) emarks: DOMINA YDROLOGY Recorded DataX_No Recorded D	(Describe in Remark. Stream, Lake, or Aerial Photograph	CW or FAC ROPHYTIC VE s): Tide Gauge	GETATION.		Wetland Hydrolog Primary Indicators x Inur Satu Wat Drift Sedi	gy Indicators Indated Indated in Upper 12 Iter Marks It Lines Item Upper 13 Item Marks	2 Inches Wetlands	
ercent of Dominant Specexcluding FAC-) emarks: DOMINA YDROLOGY Recorded Data X No Recorded D	(Describe in Remark Stream, Lake, or Aerial Photograph Other Other	CW or FAC ROPHYTIC VE s): Tide Gauge			Wetland Hydrolog Primary Indicators x Inur Satu Wat Drif Sedi Drai Secondary Indicators Oxio	gy Indicators Indated Interest Marks It Lines I	2 Inches Wetlands ed) nels in Upper 12 in	ches
ercent of Dominant Species (excluding FAC-) Elemarks: DOMINA YDROLOGY Recorded Data X No Recorded D Field Observations:	(Describe in Remark Stream, Lake, or Aerial Photograph Other	CW or FAC ROPHYTIC VE s): Tide Gauge hs	1.)		Wetland Hydrolog Primary Indicators x Inur Satu Wat Drif Sedi Drai Secondary Indicators Oxio Wat Loce FAC	gy Indicators Indated Interest Marks It Lines I	2 Inches Wetlands ed) nels in Upper 12 in s ta	ches

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P29 Page 2 of 2

(Series and Phase):	E	Eel silt loam	Drainage Class:	moderately wel	vell drained		
axonomy (Subgroup):	Aquic Flu	iventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No		
Profile Description:							
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure Concretions, etc.		
0-12		10YR 4/4	4				
Hydric Soil Indicators:							
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyo Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils		
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.					
WETLAND DETERMINA	TION		1				
Hydrophytic Vegetatio Wetland Hydrology Pro Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes		

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner:	Shovel Ready Site	2			Date:County:	April 6, 20 Allen Cour		
Investigators:	Annie White & Je	ennifer Manning			State:	Indiana		
Is the site significan Is the area a potentia	Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) EGETATION Dominant Plant Species Stratum Indicator						cent to Section V T1 Γ1Ρ30	<u>T</u>
VEGETATION						 		
Dominant P.	ant Species				Dominant Plant S	•	Stratum	Indicator
1. Lonicera tatarica		subcanopy	FACU	9.				
2. Bromus intermis		herbaceous	UPL	10.				
3. Dipsacus sylvestris		herbaceous	UPL	11.				
4. Verbascum thapsus		herbaceous	UPL	12.				
5. Solidago canadensis		herbaceous	FACU	13.				
6.				14.				
7								
8.								
Remarks: DOMINA	NCE OF NON-	HYDROPHYTI	C VEGETA	TION.				
HYDROLOGY								
					Wetland Hydrology	Indicators		
Recorded Data (X No Recorded Data	Describe in Remark Stream, Lake, or Aerial Photograph Other ta Available	Гide Gauge			Water Drift Sedin	ated in Upper 12 l Marks Lines nent Deposits		
Field Observations:						age Patterns in W		
Depth of Surface	e Water:	none (in	.)		Secondary Indicators (2 Oxidi	or more required zed Root Channe		ches
Depth to Free W	ater in Pit:	>20 (in	.)			-Stained Leaves Soil Survey Data		
Depth to Saturat		>20 (in			FAC-	Neutral Test (Explain in Rema		
Remarks: ABSENC	E OF HYDROI	LOGY INDICAT	TORS.					

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Project/Site: Shovel Ready Site Plot ID T1P30 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	I	Eel silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aquic Flu	eventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2			
Hydric Soil Indicators	:				
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regi Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyc Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils
Remarks: ABSENC	E OF HYDRIC SC	DIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetatic Wetland Hydrology Pr Hydric Soils Present?		No No No	Is this Sampling Point	Within a Wetland?	No
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION, H	YDROLOGY AN	D SOIL INDICATORS

(1987 COE Wetlands Delineation Manual)

							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 2	006	
Applicant/Owner:	Allen County				County:			
Investigators:	Annie White & Jen	nifer Manning			State:		a	
Do Normal Circum	stances exist on the sit	e?	Yes	No	Community ID:	SECTION V	: Emphemeral Dra	ain
Is the site significar	ntly disturbed (Atypica	1 Situation)?	Yes	No				
Is the area a potenti			Yes	No	Transect ID:		T1	
(If needed, explain	on reverse.)				Plot ID:		T1P31	
					<u> </u>			
VEGETATION								
Dominant F	Plant Species	Stratum	Indicator		Dominant Pla	nt Species	Stratum	Indicator
			E4 0\4/					
1. Dichanthelium cland	estinum	herbaceous	FACW	9.			·	
2. Cyperus esculentus		herbaceous	FACW	10.				
2. Opperus escurentus				10.				
3		<u> </u>		11.				
4				10				
4		· —		12.				
5				13.				
			·					
6		<u> </u>		14.				
7				15				
7				13.				
8.				16.				
Percent of Dominant Spec (excluding FAC-)	hes that are OBL, FAC	.w or FAC			100.0%			
Remarks: DOMINA	A NCE OF HVDP	ODHVTIC VE	GET A TION	r				
Xemarks. DOMINA	ANCE OF HIDK	OFFITTIC VE	OLIATION	•				
IYDROLOGY					XX .1 1 XX 1 1	Y 1'		
					Wetland Hydrolo	gy Indicators		
Recorded Data	(Describe in Remarks)):			Primary Indicators			
Recorded Buttle	Stream, Lake, or Ti				-	undated		
<u> </u>	Aerial Photographs	-			Sa	turated in Upper 12	Inches	
	Other					ater Marks		
X No Recorded D	ata Available					rift Lines		
	_					diment Deposits ainage Patterns in V	Watlands	
Field Observations:						amage ratterns in	venanus	
					Secondary Indicator	s (2 or more require	ed)	
Depth of Surfac	e Water:	(in	n.)		O	kidized Root Chann	els in Upper 12 inc	ches
						ater-Stained Leaves		
Depth to Free V	Vater in Pit:	(in	1.)			ocal Soil Survey Dat	a	
Depth to Satura	ated Soil:	0 (in	,)			AC-Neutral Test her (Explain in Ren	narke)	
Depth to Satura	ied 3011.	(III	1.)		0	nei (Expiani in Kei	narks)	
Remarks: PRESEN	CE OF HYDROI	OGY INDICA	TORS					
TILDOLI (02 01 11121101	10011112101	1101101					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P31 Page 2 of 2

(Series and Phase):	E	Eel silt loam	Drainage Class:	moderately wel	well drained		
axonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No		
Profile Description:							
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure Concretions, etc.		
0-12	1	10YR 3/2	10YR 4/2	4			
Hydric Soil Indicators:		_	_				
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chrom		Concretions High Organic Conte Organic Streaking i Listed on Local Hyo Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils		
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.					
WETLAND DETERMINA	TION		ı				
Hydrophytic Vegetatio Wetland Hydrology Pro Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	NO		

(1987 COE Wetlands Delineation Manual)

							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 20)06	
Applicant/Owner:	Allen County				County:			
Investigators:	Annie White & Jer	nnifer Manning			State:			
	stances exist on the sit			No	Community ID:	Upland adja	acent to Section V	
Is the site significant	ntly disturbed (Atypica	A Situation)?		No No	Transect ID:		T1	
(If needed, explain			103	110	Plot ID:	-	T1P32	
(,								
VEGETATION								
Dominant P	Plant Species	Stratum	Indicator		Dominant Plant	Species	Stratum	Indicator
1. Lonicera tatarica		subcanopy	FACU	9.				
2. Bromus intermis		herbaceous	UPL	10.				
3 Dineague evhyaetrie		herbaceous	UPL	11				
3. <u>Dipsacus sylvestris</u>		Herbaceous	<u> </u>	11.				
4. Verbascum thapsus		herbaceous	UPL	12.				
5. Daucus carota		herbaceous	FACU	13.			·	
6				14.				
· ·	-	-			-			
7				15.				
0				16				
8				10.				
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA			IC VEGETA	TION.	0.0%			
HYDROLOGY					*** 1 1 1 1 1			
					Wetland Hydrolog	y Indicators		
Recorded Data	(Describe in Remarks)).			Primary Indicators			
rtocorded Ballar	Stream, Lake, or T				•	dated		
	Aerial Photographs	-			Satu	rated in Upper 12	Inches	
	Other					er Marks		
X No Recorded D	ata Available					Lines		
			_			ment Deposits nage Patterns in W	Jatlands	
Field Observations:					Diai	nage ratterns in w	etialius	
Tield Gesel valiens.					Secondary Indicators (2 or more required	l)	
Depth of Surfac	e Water:	none (in	1.)		Oxid	lized Root Channe	ls in Upper 12 inc	ches
						er-Stained Leaves		
Depth to Free V	Vater in Pit:	>20 (in	1.)			al Soil Survey Data	ı	
Donth to Saturo	tod Coil.	> 20 (ir	-)			-Neutral Test er (Explain in Rema	ondra)	
Depth to Satura	ted Soil:	>20 (in	1.)		Othe	r (Explain in Rem	агкs)	
Remarks: ABSENC	TE OF HYDROL	OGY INDICA'	TORS					
Ciliarks. ADSLIVE	L OF HIDROL	OGT INDICA	TOKS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P32 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	m Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 3/2			
		-	-		
Hydric Soil Indicators	::				
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List ydric Soils List	Sandy Soils
Remarks: ABSENC	E OF HYDRIC SO	IL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?	resent?	No No No	Is this Sampling Point V	Vithin a Wetland?	No
Damarka, NON WI	ETLAND DACED (NI ADCENCE OF DOC	ITIVE VECETATION III	ZDBOLOCY AN	D COIL INDICATORS
Remarks: NON-WE	ETLAND BASED (IN ABSENCE OF POS	ITIVE VEGETATION, H	DKULUGY AN	D SOIL INDICATORS
i					

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner:	Shovel Ready Site Allen County				Date:	April 6, 2 Allen Co		
Investigators:	Annie White & Jennife	er Manning			County: State:	Indian		
					-			
		tuation)?	Yes	No No No	Community ID: Transect ID: Plot ID:		TI T1P33	ain
EGETATION								
Dominant I	Plant Species	Stratum	Indicator		Dominant Plant	Species	Stratum	Indicator
1				9				
		-					-	
2				10.				
3.				11.				
4				12.				
5				13.				
6.				14.				
7				15.				
8.				16.				
-					0.0%			
Remarks: NO VEC	GETATION WITHIN	OHWM.			0.0%			
	GETATION WITHIN	ОНWM.			0.0%			
	BETATION WITHIN	OHWM.			0.0% Wetland Hydrolog	y Indicators		
HYDROLOGY	(Describe in Remarks): Stream, Lake, or Tide (Aerial Photographs Other				Wetland Hydrolog Primary Indicators x Inur Satu Wat Drift x Sedi	ndated trated in Upper 12 er Marks it Lines timent Deposits		
HYDROLOGY Recorded Data X No Recorded D	(Describe in Remarks): Stream, Lake, or Tide (Aerial Photographs Other				Wetland Hydrolog Primary Indicators x Inur Satu Wat Drift x Sedi	ndated arated in Upper 12 er Marks t Lines		
HYDROLOGYRecorded Data	(Describe in Remarks): Stream, Lake, or Tide (Aerial Photographs Other Other Otta Available		.)		Primary Indicators x Inur Satu Wat Drift x Sedi x Drai	ndated urated in Upper 12 er Marks t Lines iment Deposits inage Patterns in V (2 or more require	Wetlands ed) els in Upper 12 in	ches
Recorded Data Recorded Data X_ No Recorded D Field Observations: Depth of Surface	(Describe in Remarks): Stream, Lake, or Tide of Aerial Photographs Other Data Available	Gauge	,		Primary Indicators x Inur Satu Wat Drift x Sedi x Drai Secondary Indicators Oxio	ndated arated in Upper 12 er Marks t Lines iment Deposits inage Patterns in V (2 or more require dized Root Chann er-Stained Leaves	Wetlands ed) els in Upper 12 in	ches
HYDROLOGY Recorded Data X No Recorded D Field Observations:	(Describe in Remarks): Stream, Lake, or Tide of Aerial Photographs Other Data Available ce Water:	Gauge	.)		Primary Indicators x Inur Satu Wat Drift x Sedi x Drai Secondary Indicators Oxio Wat Loca FAC	ndated urated in Upper 12 er Marks t Lines iment Deposits inage Patterns in V (2 or more require	Wetlands ed) els in Upper 12 in s ta	ches

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P33 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.
0-12	1 10YR 4/2	10YR 4/4			
Hydric Soil Indicator	s:				
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conter Organic Streaking in Listed on Local Hyde Listed on National H Other (Explain in Re	ric Soils List ydric Soils List	Sandy Soils
Remarks: PRESEN	CE OF HYDRIC S	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetati Wetland Hydrology F Hydric Soils Present?	Present?	No Yes Yes	Is this Sampling Point V	Vithin a Wetland?	No
			SITIVE VEGETATION. S. AND DELINEATED AT	THE OHWM.	

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jens	nifer Manning			Date: County: State:	Allen County		
			Yes 1	No No No	Community ID: Transect ID: Plot ID:	T1		
VEGETATION								
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant Spec	cies	Stratum	Indicator
1. Carya ovata		canopy	FACU	9.				
2. Acer saccharum		canopy	FACU	10.				
3. Fraxinus pennsylvanica	<u>:a</u>	canopy	FACW	11.				
4. Erythronium american	ıum	herbaceous	FACU	12.				
5. Impatiens capensis		herbaceous	FACW	13.				
6. Claytonia caroliniana	i	herbaceous	FACU	14.				
7		. <u></u>		15.				
8.		_	_				_	_
Remarks: DOMINA	NCE OF NON-H	HYDROPHYTI	íC VEGETAT	ΓΙΟΝ.				
HYDROLOGY					Wetland Hydrology In	dicators		
Recorded Data (I	Describe in Remarks): _Stream, Lake, or Tic _Aerial Photographs _Other tta Available	ide Gauge			Primary Indicators Inundate Saturatec Water M Drift Lin Sedimen	ed d in Upper 12 Inch larks		
Field Observations:							ilus	
Depth of Surface	· Water:	none (in	ı.)			d Root Channels in	Upper 12 inc	hes
Depth to Free Wa	ater in Pit:	>20 (in	ı.)		Local So	tained Leaves oil Survey Data		
Depth to Saturate	ed Soil:	>20 (in	ı.)			utral Test xplain in Remarks)	
Remarks: ABSENCE	E OF HYDROLO	OGY INDICAT	FORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P34 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	I	Eel silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aquic Flu	eventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2			
Hydric Soil Indicators	:				
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regi Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyc Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils
Remarks: ABSENC	E OF HYDRIC SC	DIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetatic Wetland Hydrology Pr Hydric Soils Present?		No No No	Is this Sampling Point	Within a Wetland?	No
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION, H	YDROLOGY AN	D SOIL INDICATORS

(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	e			Date:	April 6, 2	2006	
Applicant/Owner:	Allen County				County:			
Investigators:	Annie White & Je	ennifer Manning			State:	Indiar		
D- N1 C:		:4-0	V N	т	Cit ID-	CECTION V	III. F4-J W-41	1
	nstances exist on the si ntly disturbed (Atypic		Yes N Yes N	lo Io	Community ID:		III: Forested Wetler in open grassy	
Is the area a potent		ai Situation):		lo	Transect ID:	data point tak	T1	arca
(If needed, explain			105				T1P35	
(· · · · · · · · · · · · · · · · · · ·	,							
EGETATION								
Dominant l	Plant Species	Stratum	Indicator		Dominant Plan	nt Species	Stratum	Indicate
			E4 014/	_				
. Dichanthelium cland	lestinum	herbaceous	FACW	9.			<u> </u>	
). Canan an		hambaaaaya	OBL/FAC	10				
2. <u>Carex sp.</u>		herbaceous	OBL/FAC	10.				
3. Cyperus esculentus		herbaceous	FACW	11.				
<u></u>								-
l		_		12.				
5				13.				
•				1.4				
ó				14.				
1.				15.				
·								
3	cies that are OBL, FA			16.	100 0%			
ercent of Dominant Spe excluding FAC-)	cies that are OBL, FA	CW or FAC	GETATION	16.	100.0%			
3ercent of Dominant Spe excluding FAC-)	cies that are OBL, FA	CW or FAC	GETATION.	16.				
ercent of Dominant Spe excluding FAC-) emarks: DOMIN	cies that are OBL, FA	CW or FAC	GETATION.	16.				
ercent of Dominant Spe excluding FAC-) emarks: DOMIN	cies that are OBL, FA	CW or FAC	GETATION.	16.	100.0%			
ercent of Dominant Spe excluding FAC-) emarks: DOMIN	cies that are OBL, FA	CW or FAC	GETATION.	16.				
ercent of Dominant Spe excluding FAC-) emarks: DOMIN	cies that are OBL, FA	CW or FAC	GETATION.	16.	100.0%			
ercent of Dominant Spe excluding FAC-) emarks: DOMIN	Cies that are OBL, FA ANCE OF HYDE (Describe in Remarks Stream, Lake, or 7	CW or FAC ROPHYTIC VE s): Tide Gauge	GETATION.	16.	Wetland Hydrolo Primary Indicators x Interpretation	gy Indicators		
ercent of Dominant Spe excluding FAC-) emarks: DOMIN	Cies that are OBL, FA ANCE OF HYDE (Describe in Remarks Stream, Lake, or 7 Aerial Photograph	CW or FAC ROPHYTIC VE s): Tide Gauge	GETATION.	16.	Wetland Hydrolo Primary Indicators x Int Sa	gy Indicators indated turated in Upper 12		
ercent of Dominant Spe excluding FAC-) emarks: DOMIN YDROLOGY Recorded Data	Cies that are OBL, FA ANCE OF HYDE (Describe in Remarks Stream, Lake, or 7 Aerial Photograph Other	CW or FAC ROPHYTIC VE s): Tide Gauge	GETATION.	16.	Wetland Hydrolo Primary Indicators x Inc. Sa W:	gy Indicators indated turated in Upper 12 ater Marks		
rcent of Dominant Spe excluding FAC-) emarks: DOMIN	Cies that are OBL, FA ANCE OF HYDE (Describe in Remarks Stream, Lake, or 7 Aerial Photograph Other	CW or FAC ROPHYTIC VE s): Tide Gauge	GETATION.	16.	Wetland Hydrolo Primary Indicators x Int Sa Wa	gy Indicators undated turated in Upper 12 ater Marks ift Lines		
ercent of Dominant Spe excluding FAC-) emarks: DOMIN YDROLOGY Recorded Data	Cies that are OBL, FA ANCE OF HYDE (Describe in Remarks Stream, Lake, or 7 Aerial Photograph Other	CW or FAC ROPHYTIC VE s): Tide Gauge	GETATION.	16.	Wetland Hydrolo Primary Indicators x Int Sa Wa Dr x See	gy Indicators Indated turated in Upper 12 ater Marks ift Lines diment Deposits	2 Inches	
ercent of Dominant Spe excluding FAC-) emarks: DOMIN YDROLOGY Recorded Data X No Recorded E	Cies that are OBL, FA ANCE OF HYDE (Describe in Remarks Stream, Lake, or 7 Aerial Photograph Other	CW or FAC ROPHYTIC VE s): Tide Gauge	GETATION.	16.	Wetland Hydrolo Primary Indicators x Int Sa Wa Dr x See	gy Indicators undated turated in Upper 12 ater Marks ift Lines	2 Inches	
ercent of Dominant Spe excluding FAC-) emarks: DOMIN YDROLOGY Recorded Data X No Recorded E	Cies that are OBL, FA ANCE OF HYDE (Describe in Remarks Stream, Lake, or 7 Aerial Photograph Other	CW or FAC ROPHYTIC VE s): Tide Gauge	GETATION.	16.	Wetland Hydrolo Primary Indicators x Int Sa Wi Dr x Se x Dr	gy Indicators Indated turated in Upper 12 ater Marks ift Lines diment Deposits ainage Patterns in	2 Inches Wetlands	
ercent of Dominant Speexcluding FAC-) emarks: DOMIN. YDROLOGY Recorded DataX_No Recorded E	(Describe in Remarks Stream, Lake, or Terral Photograph Other Other Other Other	CW or FAC ROPHYTIC VE s): Tide Gauge hs		16.	Wetland Hydrolo Primary Indicators x Int Sa Was Dr x See x Dr	gy Indicators Indated turated in Upper 12 ater Marks ift Lines diment Deposits ainage Patterns in	2 Inches Wetlands	ches
ercent of Dominant Spe excluding FAC-) emarks: DOMIN YDROLOGY Recorded Data X No Recorded E	(Describe in Remarks Stream, Lake, or Terral Photograph Other Other Other Other	CW or FAC ROPHYTIC VE s): Tide Gauge		16.	Wetland Hydrolo Primary Indicators x Int Sa Wa Dr x See x Dr Secondary Indicators	gy Indicators Indated turated in Upper 12 ater Marks iff Lines diment Deposits ainage Patterns in 13 s (2 or more require idized Root Chann	2 Inches Wetlands ed) nels in Upper 12 in	ches
ercent of Dominant Speexcluding FAC-) emarks: DOMIN. YDROLOGY Recorded DataX_No Recorded E Field Observations: Depth of Surfa	(Describe in Remarks Stream, Lake, or 7 Aerial Photograph Other	CW or FAC ROPHYTIC VE s): Tide Gauge hs	1.)	16.	Wetland Hydrolo Primary Indicators x Int Sar Write Dr x See x Dr Secondary Indicators	gy Indicators Indated turated in Upper 12 ater Marks iff Lines diment Deposits ainage Patterns in s (2 or more require didized Root Changater-Stained Leaves	2 Inches Wetlands ed) nels in Upper 12 in	ches
ercent of Dominant Spe (excluding FAC-) Remarks: DOMIN. EYDROLOGY Recorded Data X No Recorded E Field Observations:	(Describe in Remarks Stream, Lake, or 7 Aerial Photograph Other	CW or FAC ROPHYTIC VE s): Tide Gauge hs	1.)	16.	Wetland Hydrolo Primary Indicators X Int Sa Wi Dr X See X Dr Secondary Indicators Ox X Wi Lo	gy Indicators Indated turated in Upper 12 ater Marks iff Lines diment Deposits ainage Patterns in 13 s (2 or more require idized Root Chann	2 Inches Wetlands ed) nels in Upper 12 in	ches
ercent of Dominant Spe (excluding FAC-) Lemarks: DOMIN. YDROLOGY Recorded Data X No Recorded E Field Observations: Depth of Surfa	(Describe in Remarks Stream, Lake, or Talental Photograph Other Other Otter Ot	CW or FAC ROPHYTIC VE s): Tide Gauge hs	1.)	16.	Wetland Hydrolo Primary Indicators x Int Sat Wt Dr x See x Dr Secondary Indicators Cox x Wa Lo FA	ngy Indicators Indated Iturated in Upper 12 Iter Marks Iff Lines Idiment Deposits Indicators in iterity 2 Inches Wetlands ed) nels in Upper 12 in s ta	ches	

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P35 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained	
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	m Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Matrix Color Horizon (Munsell Moist)		Mottle Abundance/Con	Mottle Abundance/Contrast		
0-12	1	10YR 4/2	10YR 4/4			
Hydric Soil Indicator	s:					
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron	na Colors	Concretions High Organic Conter Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List ydric Soils List	Sandy Soils	
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.				
WETLAND DETERMIN	ATION					
Hydrophytic Vegetat Wetland Hydrology I Hydric Soils Present	Present?	Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes	
Remarks: WETLA	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	OLOGY, AND SO	OIL INDICATORS.	

(1987 COE Wetlands Delineation Manual)

2. Setaria italica h 3. Dipsacus sylvestris h 4. Bromus intermis h 5. Daucus carota h	ıtion)?	Yes				
Dominant Plant Species 1. Rosa multiflora 2. Setaria italica 3. Dipsacus sylvestris 4. Bromus intermis 5. Daucus carota 6. 7. 8. Percent of Dominant Species that are OBL, FACW or (excluding FAC-) Remarks: DOMINANCE OF NON-HYD HYDROLOGY Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gallerial Photographs Other X. No Recorded Data Available			No No No	Community ID: Upl Transect ID: Plot ID:	and adjacent to Section VI T1 T1P36	III
1. Rosa multiflora 2. Setaria italica 3. Dipsacus sylvestris 4. Bromus intermis 5. Daucus carota 6	G:	T. II.		D. i Dl G		T 11
2. Setaria italica h 3. Dipsacus sylvestris h 4. Bromus intermis h 5. Daucus carota h 6	Stratum	Indicator		Dominant Plant Species	Stratum	Indicator
3. Dipsacus sylvestris h 4. Bromus intermis h 5. Daucus carota h 6	ubcanopy	<u>FACU</u>				
A. Bromus intermis b. Daucus carota h. S. Daucus carota h. Daucus carota percent of Dominant Species that are OBL, FACW or excluding FAC-) emarks: DOMINANCE OF NON-HYD YDROLOGY PRecorded Data (Describe in Remarks): Stream, Lake, or Tide Gaucus Carota Photographs Other X. No Recorded Data Available	erbaceous	FACU	10.			
more and the second sec	erbaceous	UPL	11.			
creent of Dominant Species that are OBL, FACW or xcluding FAC-) Emarks: DOMINANCE OF NON-HYD CDROLOGY Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gate Aerial Photographs Other X No Recorded Data Available	erbaceous	UPL	12.			
recent of Dominant Species that are OBL, FACW or excluding FAC-) emarks: DOMINANCE OF NON-HYD YDROLOGY Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gate Aerial Photographs Other X No Recorded Data Available	erbaceous	FACU	13.			
recent of Dominant Species that are OBL, FACW or excluding FAC-) Pemarks: DOMINANCE OF NON-HYD ACTUAL COME TO SET TO SE			14.			
rcent of Dominant Species that are OBL, FACW or excluding FAC-) emarks: DOMINANCE OF NON-HYD YDROLOGY Recorded Data (Describe in Remarks): Stream, Lake, or Tide Ga Aerial Photographs Other X No Recorded Data Available			15.			
ercent of Dominant Species that are OBL, FACW or excluding FAC-) emarks: DOMINANCE OF NON-HYD YDROLOGY Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gata Aerial Photographs Other X No Recorded Data Available						_
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Ga Aerial Photographs Other X No Recorded Data Available	ROPHYTIC	VEGETA	ΓΙΟΝ.			
Stream, Lake, or Tide Ga Aerial Photographs Other X No Recorded Data Available				*** 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	·	
Stream, Lake, or Tide Ga Aerial Photographs Other X No Recorded Data Available				Wetland Hydrology Indica	tors	
Field Observations:	uge			Water Marks Drift Lines Sediment Dep	Upper 12 Inches posits erns in Wetlands	
			;			
Depth of Surface Water:	none (in.)				ot Channels in Upper 12 in	ches
Depth to Free Water in Pit:	>20 (in.)			Water-Stained Local Soil Sui		
Depth to Saturated Soil:	>20 (in.)			FAC-Neutral Other (Explai	Test n in Remarks)	
Remarks: ABSENCE OF HYDROLOGY		<u> </u>				

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P36 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately well	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm Mapped Type? Yes No		
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	trast	Texture, Structure, Concretions, etc.
0-4	1	10YR 3/2			
4-12	2	10 YR 4/2			
Hydric Soil Indicators	:				
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions		Concretions High Organic Conten Organic Streaking in Listed on Local Hydr	Sandy Soils ic Soils List ydric Soils List	Sandy Soils
Remarks: ABSENC	Gleyed or Low-Chron E OF HYDRIC SO		Other (Explain in Re	narks)	
WETLAND DETERMINA	ATION				
Hydrophytic Vegetatic Wetland Hydrology P Hydric Soils Present?		No No No	Is this Sampling Point W	ithin a Wetland?	No
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	TIVE VEGETATION, HY	DROLOGY AN	D SOIL INDICATORS.

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Je				Date: County: State:		ounty	
			Yes N	10 10 10	Community ID: Transect ID: Plot ID:	Upland adj		α
EGETATION					· . Di			
Dominant i	Plant Species	Stratum	Indicator	=	Dominant Plan		Stratum	Indicate
. Carya ovata		canopy	FACU	9				
. Quercus alba		canopy	FACU	10.				
. Celtis occidentalis		canopy	FAC-	11.				
Rosa multiflora		subcanopy	FACU	12.				
Sessile trillium		herbaceous	FACU-					
Geum candense		herbaceous	FAC					
. Claytonia carolinian	na	herbaceous	FACU					
	<u> </u>	- -						_
rcent of Dominant Spe excluding FAC-)	cies that are OBL, FA	ACW or FAC			14.0%			
rcent of Dominant Spe excluding FAC-)	cies that are OBL, FA	ACW or FAC	IC VEGETAT					
ercent of Dominant Spe excluding FAC-) emarks: DOMIN.	cies that are OBL, FA	ACW or FAC	IC VEGETAT	TION.				
ercent of Dominant Spe excluding FAC-) emarks: DOMIN.	Cies that are OBL, FA ANCE OF NON- (Describe in Remark Stream, Lake, or Aerial Photograph Other	ACW or FAC -HYDROPHYT ss): Tide Gauge	IC VEGETAT	TION.	Wetland Hydrolo Primary Indicators Inu x Sat Wa Dri Sec		2 Inches	
ercent of Dominant Spe excluding FAC-) emarks: DOMIN. YDROLOGY Recorded DataX_No Recorded E	Cies that are OBL, FA ANCE OF NON- (Describe in Remark Stream, Lake, or Aerial Photograph Other	ACW or FAC -HYDROPHYT ss): Tide Gauge	IC VEGETAT		Wetland Hydrolo Primary Indicators Inu x Sat Wa Dri Sec	ogy Indicators undated turated in Upper 1 ater Marks ift Lines diment Deposits ainage Patterns in	2 Inches Wetlands	
ercent of Dominant Spe excluding FAC-) emarks: DOMIN. YDROLOGY Recorded DataX_No Recorded E	(Describe in Remark. Stream, Lake, or 'Aerial Photograph' Other	ACW or FAC -HYDROPHYT ss): Tide Gauge			Wetland Hydrolo Primary Indicators Inu x Sat Wa Dri Sec Dra Secondary Indicators Ox	ogy Indicators Indated turated in Upper 1 ater Marks ift Lines diment Deposits ainage Patterns in s (2 or more requir	2 Inches Wetlands red) nels in Upper 12 inc	ches
X No Recorded E	(Describe in Remark Stream, Lake, or ' Aerial Photograph Other Data Available	ACW or FAC -HYDROPHYT s): Tide Gauge hs	1.)		Wetland Hydrolog Primary Indicators Inu x Sat Wa Dri Sec Dra Secondary Indicators Ox Wa Loo	ogy Indicators andated turated in Upper 1 ater Marks ift Lines diment Deposits ainage Patterns in	2 Inches Wetlands red) nels in Upper 12 inces	ches

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P37 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	m Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Matrix Color Horizon (Munsell Moist)		Mottle Abundance/Con	Mottle Abundance/Contrast	
0-12	1	10YR 4/2	10YR 5/6		
Hydric Soil Indicator					
- - - - - - -	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions X Gleyed or Low-Chron		Concretions High Organic Contes Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List ydric Soils List	Sandy Soils
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetat Wetland Hydrology I Hydric Soils Present	Present?	No Yes Yes	Is this Sampling Point V	Vithin a Wetland?	No
Remarks: NON-W	ETLAND BASED (ON ABSENCE OF POS	SITIVE VEGETATION IN	DICATORS.	

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jen				Date: County: State:	Allen County		
			Yes No Yes No Yes No	0	Community ID: Transect ID: Plot ID:	-	Forested Wetlan T1 P38	d
VEGETATION								
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant Spe	ecies	Stratum	Indicator
1. Ulmus rubra		canopy	FAC	9.				
2. Carex sp.		herbaceous	OBL/FAC	10.				
3. Impatiens capensis		herbaceous	FACW	11.				
4								
5.	_	-						
6.								
_								
(excluding FAC-) Remarks: DOMINA	NCE OF HYDR	OPHYTIC VE	GETATION.		66.6%			
IYDROLOGY								
					Wetland Hydrology Ir	ndicators		
Recorded Data (I	Describe in Remarks): Stream, Lake, or Ti Aerial Photographs Other ata Available	ide Gauge			Water M Drift Lir Sedimer	ed in Upper 12 Ind Marks		
Field Observations:					Secondary Indicators (2 or			
Depth of Surface	e Water:	(in	1.)		Oxidized	d Root Channels	in Upper 12 inc	ches
Depth to Free Wa	ater in Pit:	6 (in	1.)		Local So	oil Survey Data		
Depth to Saturate	ed Soil:	(in	1.)			eutral Test Explain in Remarl	ks)	
Remarks: PRESENC	CE OF HYDROL	OGY INDICA	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P38 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	Yes No	
Profile Description:					
Depth (inches)	Matrix Color (Munsell Moist)		Mottle Abundance/Con	Texture, Structure, Concretions, etc.	
0-12	1	10YR 4/1	10YR 5/6		
Hydric Soil Indicator	s:				
 	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conter Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List lydric Soils List	Sandy Soils
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetat Wetland Hydrology F Hydric Soils Present?	Present?	Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes
Remarks: WETLA	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	OLOGY, AND SO	OIL INDICATORS.

(1987 COE Wetlands Delineation Manual)

Do Normal Circumstances exist on the site? Is the site significantly dissurbed (Appical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) VEGETATION VE	Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Je				Date:	Allen Cou	inty	
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator	Is the site significant Is the area a potentia	tly disturbed (Atypic al Problem Area?		Yes	No	Transect ID:		T1	X
1. Quercus rubra canopy FACU 9. 2. Carya ovata canopy FACU 10. 3. Prumus serotina canopy FACU 11. 4. Quercus alba canopy FACU 12. 5. Rubus occidentalis subcanopy FACU 13. 6. Clatonia virginica herbaceous FACU 14. 7. Erythronium americanum herbaceous FACU 15. 8. Cardamine concatenata herbaceous FACU 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: none (in.) Depth of Face Water in Pit: 320 (in.) Depth to Free Water in Pit: 320 (in.)		1 . 0	G:	T 15-4		D. Janet Blant		G	T 1:
2. Carya ovata canopy FACU 10. 3. Pranus serotina canopy FACU 11. 4. Quercus atba canopy FACU 12. 5. Rubus occidentalis subcanopy FACU 13. 6. Clatonia virginica herbaceous FACU 14. 7. Erythronium americanum herbaceous FACU 15. 8. Cardamine concatenata herbaceous FACU 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Pri		ant Species	<u> </u>					Stratum	Indicator
3. Prunus serotina canopy FACU 11. 4. Quercus alba canopy FACU 12. 5. Rubus occidentalis subcanopy FACU 13. 6. Clatonia virginica herbaceous FACU 14. 7. Erythronium americanum herbaceous FACU 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Stream, Lake, or Tide Gauge Stream, Lake, or Tide Gauge Aerial Photographs Other X. No Recorded Data Available Field Observations: Depth of Surface Water: none (in.) Depth to Free Water in Pit: >20 (in.) Depth to Free Water in Pit: >20 (in.) FACU 14. 12. 14. 15. 12.5% Wetland Hydrology Indicators Primary Indicators Primary Indicators Saturated in Upper 12 Inches Water Marks Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Water-Stained Leaves Uncal Soil Survey Data FACNeutral Test	1. Quercus rubra		canopy	FACU					
4. Quercus alba canopy FACU 12. 5. Rubus occidentalis subcanopy FACU 13. 6. Clatonia virginica herbaceous FACU 14. 7. Erythronium americanum herbaceous FACU 15. 8. Cardamine concatenata herbaceous FACU 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Field Observations: Depth of Surface Water: none (in.) Depth of Surface Water: none (in.) Depth to Free Water in Pit: >20 (in.) FACU 13. 14. 15. 16. 12.5% Wetland Hydrology Indicators Primary Indicators Primary Indicators Secondary Indicators Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Water-Stained Leaves Water-Stained Leaves FAC-Neutral Test	2. Carya ovata		canopy	FACU	10.				
5. Rubus occidentalis 6. Clatonia virginica 7. Erythronium americanum 6. Erythronium americanum 6. Clatonia virginica 7. Erythronium americanum 8. Cardamine concatenata 8. Cardamine oncatenata 8. Cardamine concatenata 8. Cardamine oncatenata 8. Cardamine oncatenata 8. Cardamine oncatenata 8. Cardamine oncatenata 9. Exptyrelline 9. Saturated in Upper 12 Inches 9. Sediment Deposits 9. Dirit Lines 9. Saturated in Upper 12 inches 9. Cardamine concatenata 9. Cardamine concatenata 9. Cardamine concatenata 1. Cardami	3. <u>Prunus serotina</u>		canopy	FACU	11.				
6. Clatonia virginica herbaceous FACU 14. 7. Erythronium americanum herbaceous FAC 15. 8. Cardamine concatenata herbaceous FACU 16. 8. Cardamine concatenata herbaceous FACU 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Primary Indicators Primary Indicators Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth Cardamine oncatenata 14. Inc. New Yet Packs Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test	4. Quercus alba		canopy	FACU	12.				
7. Erythronium americanum herbaceous FAC 15. 8. Cardamine concatenata herbaceous FACU 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Inundated Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Free Water in Pit: Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Water-Stained Leaves Coxidered Not Channels in Upper 12 inches Water-Stained Leaves Water-Stained Leaves FAC. No Recorded Data (20 or more required) Coxidized Root Channels in Upper 12 inches Water-Stained Leaves FAC. No Recorded Data (20 or more required) FAC. No	5. Rubus occidentalis		subcanopy	FACU	13.				
8. Cardamine concatenata herbaceous FACU 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Primary Indicators Primary Indicators Primary Indicators Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Sediment Deposits Depth of Surface Water: none (in.) Depth to Free Water in Pit: >20 (in.) Mater-Stained Leaves Local Soil Survey Data FAC-Neutral Test	6. Clatonia virginica		herbaceous	FACU	14.				
8. Cardamine concatenata herbaceous FACU 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Primary Indicators Primary Indicators Primary Indicators Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Sediment Deposits Depth of Surface Water: none (in.) Depth to Free Water in Pit: >20 (in.) Mater-Stained Leaves Local Soil Survey Data FAC-Neutral Test	7. Erythronium america	num	herbaceous	FAC	15.				
Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Indicators Stream, Lake, or Tide Gauge Aerial Photographs Other Water Marks X No Recorded Data Available Field Observations: Primary Indicators Primary Indicators Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Local Soil Survey Data FAC-Neutral Test	8. Cardamine concatence	uta	herbaceous	FACU					
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Field Observations: Secondary Indicators Secondary Indicators Secondary Indicators Water Marks Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test	Remarks: DOMINA	NCE OF NON-	-HYDROPHYTI	IC VEGETA	TION.				
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Stream, Lake, or Tide Gauge Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Water-Stained Leaves Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test	HYDROLOGY					*** 4 JIIv.danloo	Y 1'		
Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Free Water in Pit: Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test		Stream, Lake, or Aerial Photograph Other	Tide Gauge			Primary Indicators Inur Satu Wat Drif Sedi	ndated irated in Upper 12 fer Marks it Lines iment Deposits		
Depth of Surface Water: Depth to Free Water in Pit: Depth to Free Water in Pit: Oxidized Root Channels in Upper 12 inches Water-Stained Leaves	Field Observations:								
Depth to Free Water in Pit: >20 (in.) Local Soil Survey Data FAC-Neutral Test	Depth of Surface	e Water:	none (in	ı.)		Oxio	dized Root Channe	els in Upper 12 in	ches
FAC-Neutral Test	Depth to Free W	'ater in Pit:	>20 (in	1.)	,				
	Depth to Saturat	ed Soil:	>20 (in	1.)				narks)	
Remarks: ABSENCE OF HYDROLOGY INDICATORS.						<u> </u>			

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Project/Site: Shovel Ready Site Plot ID T1P39 Page 2 of 2

Aquic Fluventic Eutrochrepts Profile Description: Depth (inches) Horizon (Munsell Moist) Abundance/Contra 0-4 1 10YR 4/3 >4 2 10YR 5/3 10YR 5/6 Hydric Soil Indicators: Histosol Concretions Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Gleyed or Low-Chroma Colors Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.	Texture, Structu
Depth (inches) Horizon (Munsell Moist) Abundance/Contra 0-4 1 10YR 4/3 >-4 2 10YR 5/3 10YR 5/6 Hydric Soil Indicators: Histosol Concretions Histic Epipedon High Organic Content i Sulfridic Odor Organic Streaking in Sa Aquic Moisture Regime Aquic Moisture Regime Reducing Conditions Listed on National Hydric Reducing Content Content (Explain in Remains) Concretions High Organic Content i	
Hydric Soil Indicators: Histosol	
Hydric Soil Indicators: Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Reducing Conditions X Gleyed or Low-Chroma Colors 10YR 5/3 Concretions High Organic Content i Organic Streaking in Sa Organic Streaking in Sa Listed on Local Hydric Listed on National Hydric Other (Explain in Rema	
Hydric Soil Indicators: Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Reducing Conditions X Gleyed or Low-Chroma Colors Concretions High Organic Content i Organic Streaking in Sa Listed on Local Hydric Listed on National Hyd X Gleyed or Low-Chroma Colors Other (Explain in Rema	
Histosol Concretions Histic Epipedon High Organic Content i Sulfidic Odor Organic Streaking in Sa Aquic Moisture Regime Listed on Local Hydric Reducing Conditions Listed on National Hyd X Gleyed or Low-Chroma Colors Other (Explain in Remains)	
Histosol Concretions Histic Epipedon High Organic Content i Sulfidic Odor Organic Streaking in Sa Aquic Moisture Regime Listed on Local Hydric Reducing Conditions Listed on National Hyd X Gleyed or Low-Chroma Colors Other (Explain in Remains)	
Histosol Concretions Histic Epipedon High Organic Content i Sulfidic Odor Organic Streaking in Sa Aquic Moisture Regime Listed on Local Hydric Reducing Conditions Listed on National Hyd X Gleyed or Low-Chroma Colors Other (Explain in Remains)	<u> </u>
Histosol Concretions Histic Epipedon High Organic Content i Sulfidic Odor Organic Streaking in Sa Aquic Moisture Regime Listed on Local Hydric Reducing Conditions Listed on National Hyd X Gleyed or Low-Chroma Colors Other (Explain in Remains)	
CHICKS, I NEDELICE OF ITTERIC DOTE INDICATIONS.	Soils List Iric Soils List
ETLAND DETERMINATION	
Hydrophytic Vegetation Present? No Wetland Hydrology Present? No Hydric Soils Present? Yes Is this Sampling Point With	hin a Wetland? No
Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND	

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Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Area? (Iff needed, explain on reverse.) POPULATION Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator	Project/Site: Shovel Ready S Applicant/Owner: Allen County Investigators: Annie White &	Site		_ _ _	County:	April 6, Allen C India	County	
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator	Is the site significantly disturbed (Atyper Is the area a potential Problem Area?		Yes No)	Transect ID:		T1	land
1. Cornus racemosa subcanopy FACW 9	VEGETATION							
2. Fraxinus pemsylvanica subcanopy FACW 10. 3. Carex yp. herbaceous OBL/FAC 11. 4. Impatiens capensis herbaceous FACW 12. 5.	Dominant Plant Species	Stratum	Indicator	_	Dominant Pla	ant Species	Stratum	Indicator
3.	1. Cornus racemosa	subcanopy	FACW-	9.				
4. Impatiens capensis herbaccous FACW 12	2. Fraxinus pennsylvanica	subcanopy	FACW	10.				
5	3. Carex sp.	herbaceous	OBL/FAC	11.				
6.	4. Impatiens capensis	herbaceous	FACW	12.				
6.	5			13.				
7				14.				
Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. PYDROLOGY Wetland Hydrology Indicators Primary Indicators Inundated Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Free Water in Pit: Depth to Face Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Depth to Saturated Soil: Depth to Saturated Soil: Dother A 100.0% Wetland Hydrology Indicators Primary Indicators Inundated X Saturated in Upper 12 Inches Water Marks Dorift Lines X Sediment Deposits X Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches X Water-Stained Leaves X Water-Stained Leaves A Water-Stained Leave								
Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. IVDROLOGY								
Recorded Data (Describe in Remarks): Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Primary Indicators Inundated X Saturated in Upper 12 Inches X Sediment Deposits X Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches X Water-Stained Leaves Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Other (Explain in Remarks)	Remarks: DOMINANCE OF HYI	DROPHYTIC VE	GETATION.					
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Primary Indicators Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines X Sediment Deposits X Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches X Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	IYDROLOGY				W-41 4 Hydnol	I diantons		
Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: O (in.) Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches x Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Stream, Lake, c Aerial Photogra Other	or Tide Gauge			Primary Indicators In X Si W D X So	nundated aturated in Upper Vater Marks Drift Lines ediment Deposits		
Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: O (in.) Oxidized Root Channels in Upper 12 inches X Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Field Observations:					J		
Depth to Free Water in Pit: 6 (in.) Local Soil Survey Data FAC-Neutral Test Depth to Saturated Soil: 0 (in.) Other (Explain in Remarks)	Depth of Surface Water:	0 (ii	n.)		•			iches
Depth to Saturated Soil: 0 (in.) Other (Explain in Remarks)	Depth to Free Water in Pit:	6 (ir	n.)					
Remarks: PRESENCE OF HYDROLOGY INDICATORS.	Depth to Saturated Soil:	(ir	n.)				temarks)	
	Remarks: PRESENCE OF HYDR	OLOGY INDICA	ATORS.					

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Project/Site: Shovel Ready Site Plot ID T1P40 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained	
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	Field Observations Confirm Mapped Type?		
Profile Description:						
Depth (inches)	Matrix Color Horizon (Munsell Moist)		Mottle Abundance/Co	Mottle Abundance/Contrast		
0-12	1	10YR 4/2	10YR 4/4			
Hydric Soil Indicator	s:					
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking ir Listed on Local Hyd Listed on National Foundary Other (Explain in Re	ric Soils List lydric Soils List	Sandy Soils	
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.				
WETLAND DETERMIN	ATION					
Hydrophytic Vegetati Wetland Hydrology F Hydric Soils Present?	Present?	Yes Yes Yes	Is this Sampling Point V		Yes	
Remarks: WETLAN	ND BASED ON PRI	ESENCE OF POSITIVI	E VEGETATION, HYDRO	LOGY, AND SC	OIL INDICATORS.	

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jen	nnifer Manning			Date: County: State:	April 6, Allen Co India	ounty	
Do Normal Circumsta Is the site significantl Is the area a potential (If needed, explain or	ly disturbed (Atypica Problem Area?		Yes 1	No No No	Community ID: Transect ID: Plot ID:		/III: Forested Wetla T1 T1P41	and
VEGETATION								
Dominant Pla	int Species	Stratum	Indicator		Dominant Pla	nt Species	Stratum	Indicator
1. Fraxinus pennsylvanica	a	canopy	FACW	9.				
2. Populus deltoides		canopy	FAC+	10.				
3. Carex sp.		herbaceous	OBL/FAC	11.				
4. Cinna arundinacea		h <u>erbaceou</u> s	FACW	12.				
5				13.				
6.		<u> </u>		14.				
7				15.				
Pamarke DOMINA								
Xemars. Downva.	NCE OF HYDR	OPHYTIC VE	GETATION.					
	NCE OF HYDR	OPHYTIC VE	GETATION.					
HYDROLOGY	Describe in Remarks) Stream, Lake, or Ti Aerial Photographs Other): ide Gauge	GETATION.		Sa W Di x Se	undated aturated in Upper 1 fater Marks rift Lines ediment Deposits		
HYDROLOGY Recorded Data (E	Describe in Remarks) Stream, Lake, or Ti Aerial Photographs Other): ide Gauge	GETATION.		Primary Indicators X In Sa W Do X Se	undated aturated in Upper 1 (ater Marks rift Lines		
AYDROLOGY Recorded Data (E	Describe in Remarks) Stream, Lake, or Ti Aerial Photographs Other a Available): ide Gauge			Primary Indicators	undated aturated in Upper 1 fater Marks rift Lines ediment Deposits rainage Patterns in	Wetlands	ches
Recorded Data (E X No Recorded Data Field Observations:	Describe in Remarks) Stream, Lake, or Ti Aerial Photographs Other a Available Water:	n: ide Gauge S	L)		Primary Indicators	undated aturated in Upper 1 fater Marks rift Lines ediment Deposits rainage Patterns in	Wetlands red) nels in Upper 12 inces	thes
Recorded Data (E X No Recorded Data Field Observations: Depth of Surface	Describe in Remarks) _Stream, Lake, or Ti _Aerial Photographs _Other _a Available Water:	n: ide Gauge S	.)		Primary Indicators	undated aturated in Upper 1 fater Marks rift Lines rediment Deposits rainage Patterns in rs (2 or more requir xidized Root Chang fater-Stained Leave	Wetlands red) nels in Upper 12 inces ata	ches

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P41 Page 2 of 2

E	el silt loam	Drainage Class:	moderately well	drained
Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No
Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.
1	10YR 4/2	10YR 4/4		
		_		
		_		
		_		
		_		
rs:				
Histosol Histic Epipedon		Concretions High Organic Conte	nt in Surface Laver in S	Sandy Soils
Sulfidic Odor		Organic Streaking in	Sandy Soils	
	ne			
	na Colors			
NCE OF HYDRIC SO	OIL INDICATORS.			
NATION				
tion Present?	Yes			
Present? ?	Yes	Is this Sampling Point V	Vithin a Wetland?	Yes
ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.
	Horizon 1 Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions X Gleyed or Low-Chron NCE OF HYDRIC SO	Horizon (Munsell Moist) 1 10YR 4/2 Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions x Gleyed or Low-Chroma Colors NCE OF HYDRIC SOIL INDICATORS. NATION tion Present? Yes Present? Yes ? Yes	Aquic Fluventic Eutrochrepts Matrix Color Mottle	Aquic Fluventic Eutrochrepts Horizon Matrix Color (Munsell Moist) Abundance/Contrast

(1987 COE Wetlands Delineation Manual)

Do Normal Circumstances e Is the site significantly distu Is the area a potential Proble (If needed, explain on reverse VEGETATION Dominant Plant Spe	arbed (Atypical Situation)? em Area?	Yes Yes Yes	No	Community ID:			
Dominant Plant Spe			No No	Transect ID:		T1 T1P42	
1 C	ecies Stratum	Indicator		Dominant Plant		Stratum	Indicator
1. Carya ovata	canopy	_FACU_	9.				
2. Quercus rubra	canopy	FACU	10.				
3. Quercus rubra	subcanopy	FACU	11.				
4. Lonicera tatarica	subcanopy	FACU	12.				
5. Clatonia virginica	herbaceous	FACU	13.				
6. Impatiens capensis	herbaceous	FACW	14.				
7. Erythronium americanum	herbaceous	FAC	15.				
8			16.				
Remarks: DOMINANCE	OF NON-HYDROPHYT	IC VEGETA	ATION.				
HYDROLOGY				Wetland Hydrolog	y Indiantora		
	um, Lake, or Tide Gauge al Photographs r			Primary Indicators Inum x Satu Wat Drif Sedi	ndated trated in Upper 12 er Marks t Lines timent Deposits		
Field Observations:					inage Patterns in V		
Depth of Surface Water:	: <u>0</u> (ir	1.)			dized Root Channe	nels in Upper 12 in	ches
Depth to Free Water in I	Pit:4(ir	n.)			er-Stained Leaves al Soil Survey Dat		
Depth to Saturated Soil:	0 (ir	n.)			C-Neutral Test er (Explain in Ren	narks)	
Remarks: PRESENCE OF	- TANDROL OCY INDICA	TODE					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P42 Page 2 of 2

(Series and Phase):	Mo	orley silt loam	Drainage Class:	moderately wel	well drained	
axonomy (Subgroup):	Туј	pic Hapludalfs	Field Observations Confirm	m Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ntrast	Texture, Structur Concretions, etc	
0-3	1	10YR 3/2				
3-12	2 10YR 5/2		10YR 4/4			
Hydric Soil Indicators:	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions		Concretions High Organic Conter Organic Streaking in Listed on Local Hydr	ric Soils List	Sandy Soils	
	_ Gleyed or Low-Chron	ma Colors OIL INDICATORS.	Other (Explain in Re	marks)		
VETLAND DETERMINA	TION		<u> </u>			
Hydrophytic Vegetation Wetland Hydrology Pre		No Yes Yes	Is this Sampling Point V	Vithin a Wetland?	No	

(1987 COE Wetlands Delineation Manual)

Decinat/Sita	Chavel Dondy Si				Data	April 6 20	106	
Project/Site: Applicant/Owner:	Shovel Ready Sit Allen County	ie		-	Date:			
Investigators:		Jennifer Manning		<u> </u>	State:	Indiana		
				Vо Vо	Community ID: Transect ID: Plot ID:		T1 T1P43	and
VEGETATION								
Dominant P	Plant Species	Stratum	Indicator	_	Dominant Plant	Species	Stratum	Indicator
1. Populus deltoides		canopy	FAC+	9.				
2. <u>Ulmus rubra</u>		canopy	FAC	10.				
3. Fraxinus pennsylvani	ica	canopy	FACW	11.				
4. Cornus racemosa		subcanopy	FACW-	12.				
5. Rosa multiflora		subcanopy	FACU	13.				
6. Vitis riparia		vine	FACW-	14.				
7. Carex sp.		herbaceous	OBL/FAC	15.				
8. Impatiens capensis		herbaceous	FACW	16.				
(excluding FAC-) Remarks: DOMINA	ANCE OF HYD	ROPHYTIC VE	GETATION.		88.0%			
HYDROLOGY								
Recorded Data (X No Recorded Data	(Describe in Remark Stream, Lake, or Aerial Photograp Other ata Available	Tide Gauge			Wate Drift x Sedir	dated rated in Upper 12 ler Marks Lines ment Deposits		
Field Observations:						nage Patterns in W		
Depth of Surface	e Water:	(in	n.)			ized Root Channe		iches
Depth to Free W	Vater in Pit:	(in	n.)		Loca	er-Stained Leaves Il Soil Survey Data	ι	
Depth to Saturat	ted Soil:	6 (in	n.)			-Neutral Test r (Explain in Rema	arks)	
Remarks: PRESEN	CE OF HADDO	OGV INDICA	TODC					
Remarks. TRESERV	CE OF HIDRO	LOGI INDICA	HORS.					
1								

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Project/Site: Shovel Ready Site Plot ID T1P43 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately well	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	m Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4		
Hydric Soil Indicator	s:				
- - - -	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conter Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List lydric Soils List	Sandy Soils
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetat Wetland Hydrology I Hydric Soils Present	Present?	Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes
Remarks: WETLA	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Je			_	Date: County: State:	Allen Cou	nty	
			Yes N	10 10 10	Community ID: Transect ID: Plot ID:		II: Forested Wetl T1 T1P44	and
VEGETATION					7			- W
	Plant Species	Stratum	Indicator	-	Dominant Plant S		Stratum	Indicator
1. Populus deltoides		canopy	FAC+	9.				
2. Ulmus rubra		canopy	<u>FAC</u>	10.				
3. Fraxinus pennsylvani	ca	canopy	FACW	11.				
4. Rubus occidentalis		subcanopy	FACU	12.				
5. Impatiens capensis		herbaceous	FACW	13.				
6				14.				
7			<u></u>	15.				
8.			_					
Remarks: DOMINA	NCE OF HYDE	ROPHYTIC VE	GETATION.					
IYDROLOGY						. In diantons		
					Wetland Hydrology	' indicators		
Recorded Data (X No Recorded Data	(Describe in Remarks Stream, Lake, or T Aerial Photograph Other ata Available	Γide Gauge			Water Drift Sedin	lated ated in Upper 12 l r Marks Lines nent Deposits		
	Stream, Lake, or T Aerial Photograph Other	Γide Gauge		-	Primary Indicators Inund X Satur Water Drift Sedin Drain	lated ated in Upper 12 l r Marks Lines nent Deposits tage Patterns in W	Jetlands	
X No Recorded Da	Stream, Lake, or T Aerial Photograph Other ata Available	Γide Gauge	.)	-	Primary Indicators Inund X Satur Water Drift Sedin Drain Secondary Indicators (2	lated ated in Upper 12 l r Marks Lines nent Deposits tage Patterns in W	/etlands	ches
X No Recorded Da	Stream, Lake, or T Aerial Photograph Other ata Available	Tide Gauge 1s		-	Primary Indicators Inund X Satur Water Drift Sedin Drain Secondary Indicators (2 Oxidi X Water	lated ated in Upper 12 l r Marks Lines nent Deposits tage Patterns in W	Vetlands I) els in Upper 12 in	ches
X No Recorded Da Field Observations: Depth of Surface	Stream, Lake, or T Aerial Photograph Other ata Available be Water: Water in Pit:	Tide Gauge 15 0 (in	n.)	-	Primary Indicators Inund X Satur Water Drift Sedin Drain Secondary Indicators (2 Oxidi X Water Local FAC-	lated ated in Upper 12 lar Marks Lines nent Deposits age Patterns in W 2 or more required ized Root Channe r-Stained Leaves	Vetlands I) els in Upper 12 in	ches

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P44 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately well	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	m Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ntrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4		
			_		
			_		
		_	_		
Hydric Soil Indicators	:				
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List lydric Soils List	Sandy Soils
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes
Remarks: WETLAN	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenn	nifer Manning			Date: County: State:	Allen Cour	nty	
			Yes No Yes No Yes No	0	Community ID: Transect ID: Plot ID:		I: Forested Wetla T1 Γ1P45	ınd
VEGETATION								
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant S	pecies	Stratum	Indicator
1. <u>Ulmus rubra</u>		canopy	FAC	9.				
2. Fraxinus pennsylvanic	<u>ea</u>	canopy	FACW	10.				
3. Quercus bicolor		canopy	FACW+	11.				
4. Vitis riparia		vine	FACW-	12.				
5. Impatiens capensis		herbaceous	FACW	13.				
6		<u> </u>		14.				
_		·						·
Remarks: DOMINA	NCE OF HYDRO	OPHYTIC VE	GETATION.					
HYDROLOGY					1 1xx 1 .1	= s* .		
Recorded Data (I X No Recorded Data	Describe in Remarks): Stream, Lake, or Tid Aerial Photographs Other ata Available	ide Gauge			Water Drift I Sedim	ated ated in Upper 12 I Marks		
Field Observations:								
Depth of Surface	· Water:	(in	1.)			zed Root Channel		ches
Depth to Free Wa	ater in Pit:	15 (in	ı.)		Local	-Stained Leaves Soil Survey Data		
Depth to Saturate	ed Soil:	10 (in	1.)			Neutral Test (Explain in Rema	arks)	
Remarks: PRESENC	CE OF HYDROL	OGY INDICA	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P45 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately well	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	m Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ntrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4		
			_		
			_		
		_	_		
Hydric Soil Indicators	:				
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List lydric Soils List	Sandy Soils
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes
Remarks: WETLAN	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.

(1987 COE Wetlands Delineation Manual)

Applicant/Owner:	Shovel Ready Site Allen County Annie White & Jennie	ifer Manning			County:	April 6, Allen C India	County	
Do Normal Circumstar Is the site significantly Is the area a potential I (If needed, explain on	y disturbed (Atypical S Problem Area?		Yes	No No No	Community ID: Transect ID: Plot ID:	SECTION	IX: Forested Wetla T1 T1P46	nd
VEGETATION								
Dominant Plan	nt Species	Stratum	Indicator		Dominant Pla	ant Species	Stratum	Indicator
1. Populus deltoides		canopy	FAC+	9.				
2. Cornus racemosa		subcanopy	FACW-	10.				
3. Impatiens capensis		herbaceous	FACW	11.				
4				12.				
5				13.				
6								
7								
8								
Remarks: DOMINAN	√CE OF HYDRC	PHYTIC VE	GETATION	Γ.				
HYDROLOGY					1 1			
	Describe in Remarks): Stream, Lake, or Tide Aerial Photographs Other a Available	e Gauge			x S W D D S	nundated aturated in Upper 1 Vater Marks Drift Lines dediment Deposits Drainage Patterns in		
Field Observations:								
Depth of Surface V	Water:	none (in.	.)			Oxidized Root Char	nnels in Upper 12 in	ches
Depth to Free Water	ter in Pit:	12 (in.	.)		L	Vater-Stained Leave Local Soil Survey D		
Depth to Saturated	d Soil:	6 (in.	.)			AC-Neutral Test Other (Explain in Ro	emarks)	
Remarks: PRESENCI	E OF HYDROLO	OGY INDICA	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P46 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately well	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	m Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4		
Hydric Soil Indicator	s:				
- - - -	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conter Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List lydric Soils List	Sandy Soils
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetat Wetland Hydrology I Hydric Soils Present	Present?	Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes
Remarks: WETLA	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.

(1987 COE Wetlands Delineation Manual)

Do Normal Circumstances ex Is the site significantly disturt Is the area a potential Problem (If needed, explain on reverse VEGETATION Dominant Plant Speci 1. Ulmus rubra 2. Quercus alba 3. Vitis riparia 4. Rosa multiflora 5. Impatiens capensis 6. Geum candense	eed (Atypical Situation)? n Area? .) es Stratum canopy canopy	Yes	10. 11.	Community ID: Transect ID: Plot ID: Dominant Plant S	pecies	T1 T1P47 Stratum	IX
Dominant Plant Speci 1. Ulmus rubra 2. Quercus alba 3. Vitis riparia 4. Rosa multiflora 5. Impatiens capensis 6. Geum candense	canopy canopy canopy subcanopy herbaceous	FACU FACW- FACU	10. 11.			Stratum	Indicator
Ulmus rubra Quercus alba Vitis riparia Rosa multiflora Impatiens capensis Geum candense	canopy canopy canopy subcanopy herbaceous	FACU FACW- FACU	10. 11.			Stratum	Indicator
Quercus alba Vitis riparia Rosa multiflora Impatiens capensis Geum candense	canopy canopy subcanopy herbaceous	FACU FACW-	10. 11.				
3. Vitis riparia 4. Rosa multiflora 5. Impatiens capensis 6. Geum candense	canopy subcanopy herbaceous	FACU	11.				
Rosa multiflora Impatiens capensis Geum candense	subcanopy	FACU					
Impatiens capensis Geum candense	herbaceous		12.				
6. Geum candense		FACW					
	herbaceous		13.				
= = ,		FAC	14.				
7. Claytonia caroliniana	herbaceous	FACU	15.				
8			16.				
Remarks: DOMINANCE C	F HYDROPHYTIC VE	GETATION					
IYDROLOGY			$\overline{}$	Wetland Hydrology	Indicators		
	, Lake, or Tide Gauge Photographs			Water Drift L Sedime	ited in Upper 12 I Marks		
Field Observations:							
Depth of Surface Water:	none(ii	n.)			zed Root Channe	els in Upper 12 in	iches
Depth to Free Water in Pi	t: >20 (in	n.)		Local	-Stained Leaves Soil Survey Data		
Depth to Saturated Soil:	>20 (in	n.)			Neutral Test (Explain in Rem	ıarks)	
Remarks: ABSENCE OF H	VDROLOGY INDICA	TORS					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P47 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):			Drainage Class:	moderately well drained		
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	m Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast		Texture, Structure, Concretions, etc.	
0-4	1	10YR 4/2				
4-12	2	10YR 4/3				
Hydric Soil Indicators						
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir	ne	Organic Streaking in Listed on Local Hyd	ric Soils List	Sandy Soils	
	Reducing Conditions Gleyed or Low-Chron	na Colors	Listed on National H Other (Explain in Re			
Remarks: ABSENC	E OF HYDRIC SO	IL INDICATORS.				
WETLAND DETERMINA	ATION					
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?	resent?	Yes No No	Is this Sampling Point V	Vithin a Wetland?	No	
Remarks: NON-WE	ETLAND BASED (ON ABSENCE OF POS	ITIVE HYDROLOGY AN	D SOIL INDICA	TORS.	

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Je				Date: County: State:	Allen Cou	inty		
Is the site significant Is the area a potential	Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)				Community ID: Transect ID: Plot ID:		II: Forested Wetl T1 T1P48	l Wetland	
'EGETATION	 -		 -						
Dominant P	-	Stratum	Indicator		Dominant Plant		Stratum	Indicator	
1. Fraxinus pennsylvania	ca	canopy	<u>FACW</u>						
2. <u>Ulmus rubra</u>		canopy	FAC	10.					
3. Rubus occidentalis		subcanopy	<u>FACU</u>	11.					
4. Vitis riparia		vine	FACW-	12.					
5. Impatiens capensis		herbaceous	FACW	13.					
6. Alliaria petiolata		herbaceous	FAC	14.	-				
7				15.					
8				16.					
Remarks: DOMINA	NCE OF HYDE	ROPHYTIC VE	GETATION.						
IYDROLOGY					Wetland Hydrolog	y Indicators			
Recorded Data (X No Recorded Data	(Describe in Remarks Stream, Lake, or 7 Aerial Photograph Other ata Available	Tide Gauge			x Satu Wate Drift Sedi	ndated urated in Upper 12 er Marks t Lines ument Deposits			
Field Observations:						inage Patterns in W			
Depth of Surface	e Water:	(in	ı.)		Secondary Indicators ((2 or more required dized Root Channe		ıches	
	√ater in Pit·	12 (in	1.)			er-Stained Leaves al Soil Survey Data			
Depth to Free W	ater in rit.				FAC	C-Neutral Test			
Depth to Free W		8(in	.)			er (Explain in Rem	arks)		

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P48 Page 2 of 2

Map Unit Name (Series and Phase):	F	Eel silt loam	Drainage Class:	moderately wel	oderately well drained		
axonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No		
Profile Description:							
Depth (inches)	Matrix Color Mottle Horizon (Munsell Moist) Abundance/Contrast		ontrast	Texture, Structu Concretions, et			
0-12	1	10 YR 4/2	10YR 4/4	4			
Hydric Soil Indicators:	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking i Listed on Local Hyo Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils		
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.					
WETLAND DETERMINA	TION						
Hydrophytic Vegetation Wetland Hydrology Pre Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes		

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jer			_ _ 		April 6, 2006 Allen County Indiana	
			Yes N	No No	Community ID: Upl Transect ID: Plot ID:	land adjacent to Section V T1 T1P49	/III
VEGETATION Dominant P	Plant Species	Stratum	Indicator		Dominant Plant Species	Stratum	Indicator
1. Ulmus rubra	ant species	canopy	FAC	9	Dominant Frant Species		marcaro-
2. Quercus alba		canopy	FACU				
3. Gleditsia triacanthos		canopy	FAC		-		
4. Prunus serotina		canopy	FACU				
5. Alliaria petiolata		herbaceous	FAC				
6. Erythronium america	апит	herbaceous	FAC				
7. Claytonia caroliniana		herbaceous	FACU				
8. Impatiens capensis	<u>1</u>	herbaceous	FACW				
Remarks: DOMINA	ANCE OF HYDR	OPHYTIC VE	GETATION.				
HYDROLOGY					W-tland Hydrology Indias	-4	
Recorded Data	(Describe in Remarks) Stream, Lake, or T Aerial Photograph: Other Other	Tide Gauge			Water Marks Drift Lines Sediment Dep	Upper 12 Inches	
Field Observations:					Drainage Patt	terns in Wetlands	
Depth of Surfac	e Water:	none (in	ı.)		Water-Stained	ot Channels in Upper 12 i d Leaves	nches
Depth to Free W	Vater in Pit:	>20 (in	.)		Local Soil Sur FAC-Neutral	•	
Depth to Satura	ted Soil:	>20 (in	.)		Other (Explai	in in Remarks)	
Remarks: ABSENC	E OF HYDROL	OGY INDICAT	ΓORS.	•			

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P49 Page 2 of 2

SOILS							
Map Unit Name (Series and Phase):	F	Eel silt loam	Drainage Class:	moderately wel	l drained		
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confi	Field Observations Confirm Mapped Type? Yes			
Profile Description:							
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.		
0-4	1	10YR 3/2					
4-12	2	10YR 4/3					
				<u> </u>			
Hydric Soil Indicators	:						
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking i Listed on Local Hyd Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils		
Remarks: ABSENC	E OF HYDRIC SC	OIL INDICATORS.					
WETLAND DETERMINA	ATION						
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?		Yes No No	Is this Sampling Point	Within a Wetland?	No		
Remarks: NON-WE	ETLAND BASED (ON ABSENCE OF POSI	TIVE HYDROLOGY AN	ND SOIL INDICA	TORS.		

(1987 COE Wetlands Delineation Manual)

<u> </u>	Annie White & Jer	unifer Manning		<u> </u>	Date: County: State:	Allen Cour	nty	
Do Normal Circumsta Is the site significantly Is the area a potential (If needed, explain on	y disturbed (Atypica Problem Area?		Yes N	Vо Vо	Community ID: SECTION XIV: Forested Wetland Transect ID: T1 Plot ID: T1P50			and
VEGETATION Deminant Plan	· Garaina	Ctrotum	T- di notos		D-minort Plant	9:	Ctontum	Ilianton
Dominant Pla	•	Stratum	Indicator		Dominant Plant	•	Stratum	Indicator
1. Fraxinus pennsylvanica	!	canopy	<u>FACW</u>					
2. <u>Ulmus rubra</u>		canopy	<u>FAC</u>					
3. Quercus bicolor		canopy	FACW+	11.				
4. Rosa multiflora		subcanopy	FACU	12.				
5. Vitis riparia		vine	FACW-	13.				
6. <u>Alliaria petiolata</u>		herbaceous	FAC	14.				
7. Impatiens capensis		herbaceous	FACW	15.	-			
8. Erythronium americanı	um	herbaceous	_FAC_					
Remarks: DOMINAN	VCE OF HYDR	OPHYTIC VE	GETATION.					
HYDROLOGY					Wetland Hydrolog	T disatons		
Recorded Data (D X No Recorded Data	Describe in Remarks) Stream, Lake, or T. Aerial Photographs Other a Available	ide Gauge			Primary Indicators Inun X Satu Wat Drift X Sedi	ndated trated in Upper 12 I er Marks it Lines iment Deposits		
Field Observations:						inage Patterns in W		
Depth of Surface	Water:	none (in	1.)		Secondary Indicators ((2 or more required dized Root Channe		ches
Depth to Free Wa	ter in Pit:	12 (in	ı.)			er-Stained Leaves al Soil Survey Data	ı	
Depth to Saturated		6 (in	,		FAC	C-Neutral Test er (Explain in Rema		
Dehm to Saturated						· -		

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P50 Page 2 of 2

SOILS								
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	Drainage Class: moderately well of				
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	Field Observations Confirm Mapped Type?				
Profile Description:								
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	Mottle Abundance/Contrast				
0-12	1	10 YR 4/2	10YR 4/6					
Hydric Soil Indicator			Constitute					
- - - - - -	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions X Gleyed or Low-Chron		Concretions High Organic Conter Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List ydric Soils List	Sandy Soils			
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.						
WETLAND DETERMIN	ATION							
Hydrophytic Vegetat Wetland Hydrology I Hydric Soils Present	Present?	Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes			
Remarks: WETLA	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.			

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenr	nifer Manning			Date: County: State:	April 6, 2006 Allen County Indiana		
			Yes 1	No No No	Community ID: Upland adjacent to Section XIV Transect ID: T1 Plot ID: T1P51			
VEGETATION						-		
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant Spec		Stratum	Indicator
1. Prunus serotina		canopy	FACU	9.				
2. Quercus alba		canopy	FACU	10.				
3. Fraxinus pennsylvanica	<u>ea</u>	canopy	FACW	11.				
4. Rosa multiflora		subcanopy	FACU	12.				
5. Fragaria virginiana		herbaceous	FAC-	13.				
6. Erythronium american	num	herbaceous	FAC	14.				
7. Claytonia caroliniana	ı	herbaceous	FACU	15.				
8								
(excluding FAC-) Remarks: DOMINA	NCE OF NON-H	YDROPHYT	IC VEGETA	TION.	29.0%			
HYDROLOGY					Wetland Hydrology Inc	diantore		
Recorded Data (I	Describe in Remarks):Stream, Lake, or TicAerial PhotographsOther ata Available	de Gauge			Primary Indicators Inundated Saturated Water Ma Drift Line Sediment	l in Upper 12 Inche arks		
Field Observations:							us	
Depth of Surface	e Water:	none (in	1.)			Root Channels in	Upper 12 inc	hes
Depth to Free Wa	ater in Pit:	>20 (in	1.)		Local Soi	ained Leaves 1 Survey Data		
Depth to Saturate	ed Soil:	>20 (in	1.)		FAC-Neu Other (Ex	tral Test xplain in Remarks)		
Remarks: ABSENCE	E OF HYDROLO	GY INDICAT	ΓORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P51 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):			Drainage Class:	moderately wel	drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	Field Observations Confirm Mapped Type?	
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast		Texture, Structure, Concretions, etc.
0-3	1	10YR 3/2	_		
3-12	2	10YR 5/3	10YR 4/4		
			_		
Hydric Soil Indicators	:				
_ 	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir	ne	Concretions High Organic Conten Organic Streaking in Listed on Local Hydri	Sandy Soils	Sandy Soils
	Reducing Conditions Gleyed or Low-Chron		Listed on National Hy Other (Explain in Re	dric Soils List	
			Other (Explain in Ref	narks)	
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetation Wetland Hydrology P Hydric Soils Present?	resent?	No No Yes	Is this Sampling Point W	Tithin a Wetland?	No
Remarks: NON-WE	TI AND RASED (N ARSENCE OF POS	 SITIVE VEGETATION AN	D HADBUL OGA	V INDICATORS
ikemarks. Wow-wi	TLAND BASED (IN ABSENCE OF TOS	ITIVE VEGETATION AND	DITIDROLOG	I INDICATORS.

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jennifer Manning			Date: April 6, 2006 County: Allen County State: Indiana				
Is the site significant Is the area a potention	Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)				Community ID: SECTION XV: Forested Wetland Transect ID: T1 Plot ID: T1P51A			
EGETATION								
Dominant P	Plant Species	Stratum	Indicator	•	Dominant Pla	ant Species	Stratum	Indicator
1. Fraxinus pennsylvani	ica	canopy	FACW	9.				
2. Carex sp.		herbaceous	OBL/FAC	10.				
3				11.				
·				12.				
·				13.				
·		_		14.				
								
rcent of Dominant Spec				16.	100.0%		·——	
rcent of Dominant Specexcluding FAC-)	cies that are OBL, FA	CW or FAC		16.				
rcent of Dominant Spec excluding FAC-) emarks: DOMINA	cies that are OBL, FA	CW or FAC		-	100.0%			
rcent of Dominant Specexcluding FAC-) emarks: DOMINA	Cies that are OBL, FACE OF HYDR (Describe in Remarks Stream, Lake, or T Aerial Photograph Other	CW or FAC ROPHYTIC VE			Wetland Hydrold Primary Indicators In X Sa W	ogy Indicators nundated aturated in Upper 12 Vater Marks vrift Lines		
ercent of Dominant Specexcluding FAC-) emarks: DOMINA YDROLOGY Recorded Data X No Recorded D	Cies that are OBL, FACE OF HYDR (Describe in Remarks Stream, Lake, or T Aerial Photograph Other	CW or FAC ROPHYTIC VE			Wetland Hydrold Primary Indicators In x Sa Wetland Se	ogy Indicators nundated aturated in Upper 12 Vater Marks	2 Inches	
rcent of Dominant Specexcluding FAC-) emarks: DOMINA YDROLOGY Recorded Data X_No Recorded D	(Describe in Remarks Stream, Lake, or T Aerial Photograph Other Other	CW or FAC ROPHYTIC VE	EGETATION.		Wetland Hydrold Primary Indicators In X Sa W Do Secondary Indicator	ogy Indicators nundated aturated in Upper 12 Vater Marks brift Lines ediment Deposits brainage Patterns in	2 Inches Wetlands	
rcent of Dominant Specexcluding FAC-) emarks: DOMINA YDROLOGY Recorded Data = X_No Recorded D rield Observations: Depth of Surface	(Describe in Remarks Stream, Lake, or T Aerial Photograph Other Data Available	CW or FAC ROPHYTIC VE s): Fide Gauge 0 (in	n.)		Wetland Hydrold Primary Indicators In X Sa W Do Sec Do Secondary Indicator X	ogy Indicators nundated atturated in Upper 12 Vater Marks brift Lines ediment Deposits brainage Patterns in vis (2 or more require bxidized Root Chant Vater-Stained Leaves	2 Inches Wetlands ed) nels in Upper 12 inces	
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(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P51A Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	Mo	rley silt loam	Drainage Class:	moderately well	ll drained	
Taxonomy (Subgroup):	Тур	ic Hapludalfs	Field Observations Confir	rm Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.	
0-12	1	10YR 4/2	10YR 4/4	<u>:</u>		
			_			
			-			
-	-		_			
			<u> </u>			
Hydric Soil Indicators:	:					
Remarks: PRESENC	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regim Reducing Conditions Gleyed or Low-Chrom	na Colors	Concretions High Organic Conte Organic Streaking ir Listed on Local Hyd Listed on National F Other (Explain in Ro	dric Soils List Hydric Soils List	Sandy Soils	
Kelliarks. TRESET	LE OF HIDRIC SC	AL INDICATORS.				
WETLAND DETERMINA	ATION					
Hydrophytic Vegetatic Wetland Hydrology Pr Hydric Soils Present?	resent?	Yes Yes Yes	Is this Sampling Point V	Within a Wetland?	Yes	
Remarks: WETLAN	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDR	OLOGY, AND SO	OIL INDICATORS	
I						
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(1987 COE Wetlands Delineation Manual)

Project Silve Application Owner: Alter County Anne White & Jennifer Manning Do Normal Circumstances exist on the site? Is the site significantly disturbed (Asynical Situation)? Is the site significantly disturbed (Asynical Situation)? Is the site significantly disturbed (Asynical Situation)? Is the aware a potential Problem Area? (If needed, explain on reverse.) Plot ID: TITESTIB VECETATION Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator Plot ID: TIPSTIB VECETATION 1. Prants servitina canopy FACU 1. 1. 2. Carrya ovata canopy FACU 1. 2. 3. Querras rubra canopy FACU 1. 2. 5. Rosa multiflora subcanopy FACU 1. 4. Lonicera totarica subcanopy FACU 1. 5. 6. Clatomia virginita herbaccous FACU 1. 4. Lonicera totarica berbaccous FACU 1. 5. 8. Candamine concentrate herbaccous FACU 1. 6. Printer County Method Hydrology Indicators Primary Indicat	Applicant/Owner: Allen County Investigators: Annew White & Jennifer Manning Do Normal Circumstances exist on the site? It is the site significantly disturbed (Appical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) FEGETATION FEGETATION FEGETATION FACU 1. Pranus seroina Canopy FACU 2. Corva mata 3. Quereus rubra 4. Lonicera naturica Lonicera na						•		Page 1 of 2	
Applicant/Owner: Investigators: Allen Country Investigators: Allen Country Investigators: Allen Country Investigators: Allen Country State: Indiana Do Normal Circumstances exist on the site? Is the airs significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Area? (If needed, explain on reverse.) VEGETATION VEGETATION VEGETATION VEGETATION VEGETATION VEGETATION VEGETATION 1. Promus zerotina Canopy FACU 2. Corva ovous Canopy FACU 3. Quoreus rusbra Lucitera tatarica Lucitera	Applicant/Owner: Allen County Investigators: Annew White & Jennifer Manning Do Normal Circumstances exist on the site? It is the site significantly disturbed (Appical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) FEGETATION FEGETATION FEGETATION FACU 1. Pranus seroina Canopy FACU 2. Corva mata 3. Quereus rubra 4. Lonicera naturica Lonicera na	Proiect/Site:	Shovel Ready Site				Date:	April 6.	2006	
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Acrial Photographs Stream, Lake, or Tide Gauge Acrial Photographs Other Sediment Deposits Drift Lines Sediment Deposits Drift Lines Sediment Deposits Drainage Patterns in Wetlands	Acrial Photographs Stream, Lake, or Tide Gauge Stream, Lake, or Tide Gauge Stream Lake, or Tide	5. Rosa multiflora		subcanopy	FACU	. 1:	3			
7. Erythronium americanum herbaceous FAC 15. 8. Cardamine concatenata herbaceous FACU 16. 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 12.5% 13. Cardamine concatenata herbaceous FACU 16. 12.5% 12.5% 12.5% 12.5% 13. Cardamine concatenata herbaceous FACU 16. 12.5% 12.5% 13. Cardamine concatenata herbaceous FACU 16. 13. Cardamine concatenata herbaceous FACU 16. 14. Cardamine concatenata herbaceous FACU 16. 15. Cardamine concatenata herbaceous FACU 16. 15. Cardamine concatenata herbaceous FACU 16. 16. Cardamine concatenata herbaceous FACU 16. 16. Cardamine concatenata herbaceous FACU 15. 16. Cardamine concatenata herbaceous FACU 16. 18. Cardamine concatenata herbaceous FACU 16. 19. Cardamine concatenata herbaceous FACU 16. 10. Cardamine concatenata herbaceous FACU 16. 10. Cardamine concatenata herbaceous Herbaceous FACU 16. 10. Cardamine concatenata herbaceous Herbac	7. Erythronium americanum herbaceous FAC 15. 8. Cardamine concatenata herbaceous FACU 16. 12.5% 12.5% 12.5% 12.5% 12.5% Wetland Hydrology Indicators Primary Indicators Primary Indicators Saturated in Upper 12 Inches Mater Marks Doffit Lines Sediment Deposits Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Mater-Stained Leaves Depth to Free Water in Pit: 20 (in.) Depth to Face Water in Pit: 20 (in.) Depth to Saturated Soil: >20 (in.) Other (Explain in Remarks)	6 Clatonia virginica		herbaceous	FACU	1,	1			
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ercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. Primary Indicators	ercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. Primary Indicators	9 C1i	-4-	L L	EACH	1.				
Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. IYDROLOGY	Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. IVALUATION	8. Caraamine concaien	ша	Herbaceous	TACO	. 10	J			
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Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Oxidized Root Channels in Upper 12 inches	Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Oxidized Root Channels in Upper 12 inches	Field Observations:								
Depth to Free Water in Pit: 20 (in.) Local Soil Survey Data FAC-Neutral Test Depth to Saturated Soil: >20 (in.) Other (Explain in Remarks)	Depth to Free Water in Pit: 20 (in.) Local Soil Survey Data FAC-Neutral Test Depth to Saturated Soil: >20 (in.) Other (Explain in Remarks)	D 4 66 6	337 4	C.	`					1
Depth to Free Water in Pit: 20 (in.) Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Depth to Free Water in Pit: 20 (in.) Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Depth of Surfac	e Water:	none (in	1.)					ches
Depth to Saturated Soil: Soil	Depth to Saturated Soil: Soil	Depth to Free V	Vater in Pit:	20 (ir	n.)					
		•	-		,			•		
Remarks: ABSENCE OF HYDROLOGY INDICATORS.	Remarks: ABSENCE OF HYDROLOGY INDICATORS.	Depth to Satura	ted Soil:	>20 (in	n.)		C	Other (Explain in Re	marks)	
Remarks: ABSENCE OF HYDROLOGY INDICATORS.	Remarks: ABSENCE OF HYDROLOGY INDICATORS.	1 ADGENIA	SE OF HUMBROL		TODG					
		Remarks: ABSENC	E OF HYDROLO	JGY INDICA'	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site				Date:		006		
Applicant/Owner:	Allen County			_	County:	Allen Cou			
Investigators:	Annie White & Jer	nifer Manning		_	State:	Indiana	1		
			tion)? Yes No Yes No Yes No		Community ID: SECTION XI: Forester Transect ID: T1 Plot ID: T1P52		T1	d Wetland	
EGETATION Dominant I	Plant Species	Stratum	Indicator		Dominant Plant S	Inecies	Stratum	Indicator	
Quercus bicolor	Talli Species	canopy	FACW+	9.	Dominant Flant S	•		mulcator	
2. Ulmus rubra			FAC					_	
		canopy							
. Cornus racemosa		subcanopy	FACW-						
. Vitis riparia		vine	FACW-						
5. Impatiens capensis		herbaceous	FACW_						
5. Geum candense		herbaceous	<u>FAC</u>	14.				-	
7. Carex sp.		herbaceous	OBL/FAC						
8.		<u> </u>		16.					
ercent of Dominant Spec (excluding FAC-)	ANCE OF HYDR		GETATION.		100.0%				
				 T	Wetland Hydrology	Indicators			
YDROLOGY	(Describe in Remarks) Stream, Lake, or T Aerial Photographs Other Other Oata Available	ide Gauge			Primary Indicators Inund x Satura Water Drift Sedin	ated ated in Upper 12 Marks Lines nent Deposits			
YDROLOGY Recorded DataX_No Recorded D	Stream, Lake, or To Aerial Photographs Other	ide Gauge			Primary Indicators Inund x Satura Water Drift Sedin Drain	ated ated in Upper 12 Marks Lines nent Deposits age Patterns in V	Vetlands		
YDROLOGY Recorded Data X No Recorded D	Stream, Lake, or T Aerial Photographs Other Oata Available	ide Gauge	1.)		Primary Indicators Inund x Satura Water Drift Sedin Drain Secondary Indicators (2 Oxidi	ated ated in Upper 12 Marks Lines nent Deposits age Patterns in V or more required zed Root Channe	Vetlands d) els in Upper 12 in	ches	
YDROLOGY Recorded DataX_No Recorded D Field Observations:	Stream, Lake, or T Aerial Photographs Other Data Available	ide Gauge s			Primary Indicators	ated ated in Upper 12 Marks Lines nent Deposits age Patterns in V or more required zed Root ChannelStained Leaves Soil Survey Data	Vetlands d) els in Upper 12 in	ches	
YDROLOGY Recorded DataX_No Recorded D Field Observations: Depth of Surface	Stream, Lake, or T Aerial Photographs Other Data Available ce Water: Water in Pit:	ide Gauge s	1.)		Primary Indicators Inund X Satura Water Drift I Sedin Drain Secondary Indicators (2 Oxidi X Water Local FAC-	ated ated in Upper 12 Marks Lines nent Deposits age Patterns in V or more required zed Root Channer-Stained Leaves	Vetlands d) els in Upper 12 in a	ches	

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P52 Page 2 of 2

SOILS							
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately well	well drained		
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	m Mapped Type?	Yes No		
Profile Description:							
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.		
0-12	1	10 YR 4/2	10YR 4/4				
Hydric Soil Indicator	s:						
- - - -	Hydric Soil Indicators: Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions x Gleyed or Low-Chroma Colors			Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)			
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.					
WETLAND DETERMIN	ATION						
Hydrophytic Vegetat Wetland Hydrology I Hydric Soils Present	Present?	Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes		
Remarks: WETLA	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.		

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenr	nifer Manning			Date: County: State:	April 6, 20 Allen Cou Indiana	nty	
			Yes	No No No	Community ID: Upland adjacent to Section XI Transect ID: T1 Plot ID: T1P53			
VEGETATION								
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant		Stratum	Indicator
1. Acer saccharum		canopy	FACU	9.				
2. Quercus alba		canopy	FACU	10.				
3. Celtis occidentalis		canopy	FAC-	11.				
4. <u>Ulmus rubra</u>		canopy	FAC	12.				
5. Lonicera tatarica		subcanopy	FACU	13.				
6. Erythronium american	ıum	herbaceous	FAC	14.				
7. Claytonia caroliniana		herbaceous	FACU	15.				
8. Vitis riparia		vine	FACW-					
(excluding FAC-) Remarks: DOMINA	NCE OF NON-H	YDROPHYT	IC VEGETA	ATION.	38.0%			
HYDROLOGY					Wetland Hydrolog	Indicators		
Recorded Data (I	Describe in Remarks):Stream, Lake, or TicAerial PhotographsOther ta Available	de Gauge			Primary Indicators Inur Satu Wat Drif Sedi	ndated irrated in Upper 12 i er Marks it Lines iment Deposits inage Patterns in W		
Field Observations:								
Depth of Surface	Water:	none (in	ı.)			dized Root Channe		ches
Depth to Free Wa	ater in Pit:	>20 (in	1.)		Loca	er-Stained Leaves al Soil Survey Data	ı	
Depth to Saturate	ed Soil:	>20 (in	1.)			C-Neutral Test er (Explain in Rem	arks)	
Remarks: ABSENCI	E OF HYDROLO	GY INDICAT	ΓORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P53 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	trast	Texture, Structure, Concretions, etc.
0-3	1	10YR 3/2	_		
3-12	2	10YR 5/3	10YR 4/4	10YR 4/4	
Hydric Soil Indicators	:				
=	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir	ne	Concretions High Organic Conten Organic Streaking in Listed on Local Hydr	Sandy Soils	
	Reducing Conditions Gleyed or Low-Chron	na Colors	Listed on National Hy Other (Explain in Re		
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?	resent?	No No Yes	Is this Sampling Point W	Tithin a Wetland?	No
Remarks: NON-WE	ETLAND BASED (ON ABSENCE OF POS	SITIVE VEGETATION AN	D HYDROLOGY	Y INDICATORS.

(1987 COE Wetlands Delineation Manual)

Applicant/Owner: Allen Co	teady Site ounty Thite & Jennifer Manning		_ _ _	County:	April 6. Allen C India	County	
Do Normal Circumstances exist Is the site significantly disturbed Is the area a potential Problem A (If needed, explain on reverse.)	d (Atypical Situation)?	Yes No Yes No Yes No		Community ID: SECTION XX: Forested Wetland Transect ID: T1 Plot ID: T1P54			and
VEGETATION							
Dominant Plant Species	Stratum	Indicator		Dominant Pla	int Species	Stratum	Indicator
1. Fraxinus pennsylvanica	canopy	FACW	9.				
2. Carex sp.	herbaceous	OBL/FAC	10.				
3. Impatiens capensis	herbaceous	FACW	11.				
4			12.				
5			13.				
6.							
7							
8.							
Remarks: DOMINANCE OF	HYDROPHYTIC VE	GETATION.		_			
IYDROLOGY							
	Lake, or Tide Gauge notographs			x So W D x So	nundated aturated in Upper Vater Marks wrift Lines ediment Deposits		
Field Observations:					rainage Patterns in		
Depth of Surface Water:	(in	1.)		Secondary Indicator	•	ired) nnels in Upper 12 in	iches
Depth to Free Water in Pit:	4 (in	1.)			/ater-Stained Leav ocal Soil Survey D		
Depth to Saturated Soil:	(in	1.)			AC-Neutral Test other (Explain in R	lemarks)	
Remarks: PRESENCE OF H	YDROLOGY INDICA	TORS.	1				

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P54 Page 2 of 2

SOILS						,		
Map Unit Name (Series and Phase):		el silt loam	Drainage Class:	moderately well drained				
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	Mapped Type?	Yes No]		
Profile Description:								
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contr	rast	Texture, Str Concretion			
0-12	1	10 YR 4/1	10YR 4/6					
Hydric Soil Indicators	:							
<u>x</u>	Hydric Soil Indicators: Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions x Gleyed or Low-Chroma Colors			Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)				
Remarks: PRESEN	CE OF HYDRIC S	OIL INDICATORS.						
WETLAND DETERMINA	ATION							
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point Wi	ithin a Wetland?	Yes	-		
Remarks: WETLAN	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDROI	LOGY, AND SO	OIL INDICAT	ORS.		

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenn	nifer Manning			Date: County: State:	April 6, 20 Allen Cour Indiana	nty	
			Yes	No No No	Community ID:			
VEGETATION					- : . N			<u> </u>
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant		Stratum	Indicator
1. Carya ovata		canopy	FACU	9.				
2. Quercus alba		canopy	FACU	10.				
3. Celtis occidentalis		canopy	FAC-	11.				
4. Rosa multiflora		canopy	FACU	12.				
5. Lonicera tatarica		subcanopy	FACU	13.				
6. Erythronium american	ıum	herbaceous	FAC	14.				
7. Claytonia caroliniana	!	herbaceous	FACU	15.				
8. Cardamine concatenat	eta	herbaceous	FACU					
(excluding FAC-) Remarks: DOMINA	NCE OF NON-H	YDROPHYTI	C VEGETA	TION.	13.0%			
HYDROLOGY					Wetland Hydrology	v Indicators		
Recorded Data (I	Describe in Remarks): _Stream, Lake, or Tid _Aerial Photographs _Other tta Available				Primary Indicators Inun x Satur Wate Drift Sedin	dated rated in Upper 12 ler Marks Lines ment Deposits nage Patterns in W		
Field Observations:								
Depth of Surface	e Water:	none (in	1.)			lized Root Channe		ches
Depth to Free Wa	ater in Pit:	12 (in	1.)		Loca	er-Stained Leaves al Soil Survey Data	ι	
Depth to Saturate	ed Soil:	6 (in	1.)			-Neutral Test r (Explain in Rema	arks)	
Remarks: PRESENC	CE OF HYDROLO	OGY INDICA	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P55 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):			Drainage Class:	moderately well drained		
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ntrast	Texture, Structure, Concretions, etc.	
0-4	1	10YR 4/3				
4-12	2	10YR 6/3	10YR 5/6	10YR 5/6		
			-			
			_			
Hydric Soil Indicators	:					
 	Hydric Soil Indicators: Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions x Gleyed or Low-Chroma Colors			Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)		
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.				
WETLAND DETERMINA	ATION					
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?		No Yes Yes	Is this Sampling Point W	Vithin a Wetland?	No	
Remarks: NON-WE	ETLAND BASED (ON ABSENCE OF POS	SITIVE VEGETATION INI	DICATORS.		

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenn	nifer Manning			Date: County: State:	Allen Cour	nty	
				10 10 10	Community ID: SECTION XIV: Forested Wetland Transect ID: T1 Plot ID: T1P56			and
VEGETATION								
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant		Stratum	Indicator
1. Quercus bicolor		canopy	FACW+	9.				
2. <u>Ulmus rubra</u>		canopy	FAC	10.				
3. Fraxinus pennsylvanica	<u>:a</u>	canopy	FACW	11.				
4. Populus deltoides		canopy	FAC+	12.				
5. Cornus racemosa		subcanopy	FACW-	13.				
6. Impatiens capensis		herbaceous	FACW					
7				15.				
8.		 _	· <u></u>				 _	
Remarks: DOMINA	NCE OF HYDRO	OPHYTIC VE	GETATION.	· .				
HYDROLOGY								
Recorded Data (I	Describe in Remarks): Stream, Lake, or Tic_ Aerial PhotographsOther ta Available	ide Gauge			x Satu Wate Drift x Sedi	ndated Irated in Upper 12 I er Marks It Lines Imment Deposits It Linge Patterns in W		
Field Observations:								
Depth of Surface	Water:	0 (in	ı.)			dized Root Channe		ches
Depth to Free Wa	ater in Pit:	(in	ı.)		Loca	er-Stained Leaves al Soil Survey Data	ı	
Depth to Saturate	ed Soil:	0 (in	ı.)			C-Neutral Test er (Explain in Rema	arks)	
Remarks: PRESENC	E OF HYDROL	OGY INDICA	TORS.		_			

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P56 Page 2 of 2

Map Unit Name (Series and Phase):	E	Eel silt loam	Drainage Class:	moderately wel	ll drained
'axonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co		Texture, Structure Concretions, etc
0-12	1	10 YR 4/2	10YR 4/6	6	
Hydric Soil Indicators:					
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyc Listed on National I Other (Explain in R	Sandy Soils	
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	TION				
Hydrophytic Vegetation Wetland Hydrology Pre Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes

(1987 COE Wetlands Delineation Manual)

							Page 1 of 2	
Project/Site:	Shovel Ready Site			<u>-</u>	Date:	April 6, 2		
Applicant/Owner: Investigators:	Allen County Annie White & Je	nnifer Manning			County: State:			
	stances exist on the si ntly disturbed (Atypica		Yes No Yes No		Community ID:		acent to Section XI	<u>V</u>
Is the area a potentia			Yes	No	Transect ID:		T1	
(If needed, explain of	on reverse.)				Plot ID:		T1P57	
VEGETATION								
	Plant Species	Stratum	Indicator		Dominant Plan	nt Species	Stratum	Indicator
1. Carya ovata		canopy	FACU	9.				
2. Quercus alba		canopy	FACU	10.				
3. Rubus occidentalis		subcanopy	FACU	11.				
4. Rosa multiflora		subcanopy	FACU	12.	·			
5. Celtis occidentalis		subcanopy	FAC-	13.				
6. Erythronium america	num	herbaceous	FAC	14.				
7. Claytonia caroliniana	1	herbaceous	FACU	15.				
8. Cardamine concatena	ıta	herbaceous	FACU	16.				
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA			IC VEGETA	<u>—</u> ГІОN.	13.0%			
HYDROLOGY					Wetland Hydrolo	gy Indicators		
Recorded Data ((Describe in Remarks Stream, Lake, or T	Γide Gauge			Primary IndicatorsInu	undated		
X No Recorded Da	Aerial Photograph Other ata Available	.s			Wa	turated in Upper 12 ater Marks ift Lines diment Deposits		
Field Observations:						ainage Patterns in V		
Depth of Surface	e Water:	none (in	ı.)			idized Root Chann	nels in Upper 12 inc	ches
Depth to Free W	√ater in Pit:	>20 (in	1.)		Lo	ater-Stained Leaves cal Soil Survey Dat		
Depth to Saturat	ted Soil:	>20 (in	1.)			AC-Neutral Test her (Explain in Ren	narks)	
Remarks: ABSENC	E OF HYDROL	OGY INDICA	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P57 Page 2 of 2

SOILS							
Map Unit Name (Series and Phase):	E	el silt loam	silt loam Drainage Class: moderately well drain		am Drainage Class: moderately well drained		
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No		
Profile Description:							
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ntrast	Texture, Structure Concretions, etc.		
0-4	1	10YR 3/2	_				
4-12	2	10YR 5/2	_				
			-	_			
			-				
						-	
Hydric Soil Indicators	:						
	Histosol Histic Epipedon		Concretions High Organic Conto	nt in Surface Layer in S	Sandy Soils		
	Sulfidic Odor		Organic Streaking in		Salidy Solls		
	Aquic Moisture Regin	ne	Listed on Local Hydr				
	Reducing Conditions		Listed on National H				
_	Gleyed or Low-Chrom	a Colors	Other (Explain in Re	marks)			
Remarks: ABSENC	E OF HYDRIC SO	IL INDICATORS.					
WETLAND DETERMINA	ATION						
Hydrophytic Vegetation	on Present?	No					
Wetland Hydrology Pr		No					
Hydric Soils Present?		No	Is this Sampling Point V	Vithin a Wetland?	No		
Remarks: NON-WE	ETLAND BASED C	ON ABSENCE OF POS	SITIVE VEGETATION, HY	DROLOGY, AN	ID SOIL INDICAT	ORS	
			- ',	, , , , , , , ,		Ĩ	

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner:	Shovel Ready Site Allen County				Date:	Allen Cou	unty	
Investigators:	Annie White & Jer	anifer Manning			State:	Indian	<u>a</u>	
			Yes No Yes No Yes No	O	Community ID: Transect ID: Plot ID:		TI T1P58	and
VEGETATION								
	Plant Species	Stratum	Indicator		Dominant Plant		Stratum	Indicator
1. Quercus bicolor		canopy	FACW+	9.				
2. Ulmus rubra		canopy	FAC	10.		<u> </u>		
3. Fraxinus pennsylvania	ca	canopy	FACW	11.				
4. Populus deltoides		canopy	FAC+	12.				
5. Cornus racemosa		subcanopy	FACW-	13.				
6. Impatiens capensis		herbaceous	FACW	14.		_		
7. <u>Carex sp</u> .		herbaceous	OBL/FAC	15.				
8.								_
(excluding FAC-) Remarks: DOMINA	ANCE OF HYDR	OPHYTIC VE	GETATION.		100.0%			
HYDROLOGY					Wetland Hydrolog	gy Indicators		
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available				Primary Indicators Inur x Satu Wat Drift x Sed.	ndated urated in Upper 12 ter Marks ft Lines liment Deposits			
Field Observations:	Field Observations:				x Drainage Patterns in Wetlands Secondary Indicators (2 or more required)			
Depth of Surface Water: 0 (in.)				Oxidized Root Channels in Upper 12 inches Water-Stained Leaves				
Depth to Free Water in Pit:4(in.)				Loc	cal Soil Survey Dat C-Neutral Test			
Depth to Saturated Soil: (in.)					er (Explain in Ren	narks)		
Remarks: PRESEN	CE OF HYDROI	LOGY INDICA	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P58 Page 2 of 2

SOILS								
Map Unit Name (Series and Phase):	Eel silt loam		Drainage Class:	moderately wel	y well drained			
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	m Mapped Type?	Yes No			
Profile Description:								
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.			
0-12	1	10 YR 4/2	10YR 4/6	10YR 4/6				
Hydric Soil Indicator			Constitute					
- - - - - -	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions x Gleyed or Low-Chroma Colors			Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)				
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.						
WETLAND DETERMIN	ATION							
Hydrophytic Vegetat Wetland Hydrology I Hydric Soils Present	Present?	Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes			
Remarks: WETLA	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.			

(1987 COE Wetlands Delineation Manual)

							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 20	006	
Applicant/Owner:	Allen County				County:			
Investigators:	Annie White & Jeni	nifer Manning			State:			
	stances exist on the site			No No	Community ID:			<u>I</u>
Is the area a potenti			Yes	No	Transect ID:		T1	
(If needed, explain	on reverse.)				Plot ID:		T1P59	
VEGETATION								
Dominant F	Plant Species	Stratum	Indicator		Dominant Plan	t Species	Stratum	Indicator
1. Carya ovata		canopy	FACU	9.				
2. Quercus alba		canopy	FACU	10.				
3. Acer saccharum		canopy	FACU	11.				
4. Celtis occidentalis		canopy	FAC-	12.				
5. Cardamine concaten	ata	herbaceous	FACU	13.				
6. Erythronium america	ınum	herbaceous	FAC	14.				
7. Claytonia carolinian	<u>a</u>	herbaceous	FACU	15.				
8				16.				
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA			IC VECETA	TION	14.0%			
Remarks: DOMINA	ANCE OF NON-H	.YDKOPHYII	IC VEGETA	HON.				
HYDROLOGY					W-411 H11-	T. 4:4		
					Wetland Hydrolog	zy indicators		
Recorded Data	(Describe in Remarks):				Primary Indicators			
	Stream, Lake, or Tio	de Gauge			Inu	ndated		
	Aerial Photographs					urated in Upper 12	Inches	
	Other					ter Marks		
X No Recorded D	ata Available					ft Lines		
						liment Deposits iinage Patterns in W	Vetlands	
Field Observations:								
Depth of Surface Water: none (in.)					idized Root Channe	els in Upper 12 inc	ches	
Depth to Free V	Vater in Pit:	>20 (in	1.)		Loc	ter-Stained Leaves cal Soil Survey Data		
Depth to Saturated Soil: >20 (in.)					C-Neutral Test ier (Explain in Rem	narks)		
Remarks: ABSENC	CE OF HYDROLC	OGY INDICAT	ΓORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P59 Page 2 of 2

SOILS								
Map Unit Name (Series and Phase):	Eel silt loam		Drainage Class:	moderately well drained				
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	m Mapped Type?	Yes No			
Profile Description:								
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.			
0-3	1	10YR 3/2						
3-8	2	10YR 5/2						
8-12	3	10YR 5/2	10YR 4/6					
Hydric Soil Indicators	::							
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions x Gleyed or Low-Chroma Colors			Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)				
Remarks: PRESEN	CE OF HYDRIC S	OIL INDICATORS.						
WETLAND DETERMINA	ATION							
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?	resent?	No No Yes	Is this Sampling Point V	Vithin a Wetland?	No			
Remarks: NON-WE	ETLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION AN	D HYDROLOG	Y INDICATORS.			

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenn	nifer Manning			Date:County:State:	Allen County		
			Yes	No No No	Community ID: Upland adjacent to Section XIII Transect ID: T1 Plot ID: T1P60			<u>II</u>
VEGETATION								
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant Spe		Stratum	Indicator
1. Celtis occidentalis		canopy	FAC-	9.				
2. Quercus alba		canopy	FACU	10.				
3. Acer saccharum		canopy	FACU	11.				
4. Cardamine concatenat	ta	herbaceous	FACU	12.				
5. Carex pensylvanica		herbaceous	FACU	13.				
6. Erythronium american	<i>ит</i>	herbaceous	FAC	14.				
7. Claytonia caroliniana	!	herbaceous	FACU	15.				
8.								
(excluding FAC-) Remarks: DOMINA	NCE OF NON-H	YDROPHYT	IC VEGETA	TION.	14.0%			
HYDROLOGY				<u> </u>	Watland Hudrology I	-diantore		
Recorded Data (Describe in Remarks): Stream, Lake, or Tide GaugeAerial PhotographsOtherXNo Recorded Data Available				Primary Indicators Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands				
Field Observations:					<u> </u>		Janus	
Depth of Surface	e Water:	none (in	1.)			ed Root Channels	in Upper 12 inc	ches
Depth to Free Wa	ater in Pit:	>20 (in	1.)		Local Se	Stained Leaves oil Survey Data		
Depth to Saturate	ed Soil:	>20 (in	1.)			eutral Test Explain in Remar	ks)	
Remarks: ABSENCI	E OF HYDROLO	GY INDICAT	ΓORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P60 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	Eel silt loam		Drainage Class:	moderately well drained		
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ıtrast	Texture, Structure, Concretions, etc.	
0-3	1	10YR 3/2				
3-12	2	10YR 5/2				
Hydric Soil Indicators	: Histosol		Concretions			
	Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions	ne	Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List			
_	Gleyed or Low-Chron	na Colors	Other (Explain in Re	marks)		
Remarks: ABSENC	E OF HYDRIC SO	IL INDICATORS.				
WETLAND DETERMIN	ATION					
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?	resent?	No No No	Is this Sampling Point V	Vithin a Wetland?	No	
Remarks: NON-WF	ETLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION AN	D HYDROLOGY	Y INDICATORS.	

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Je				Date:	Allen Cou	unty	
			Yes N	No No No	Community ID: SECTION XIII: Forested Wetland Transect ID: T1 Plot ID: T1P61			and
VEGETATION	2 (0 '	G:	T l'astan		D. singut Diagra		G:t	T 1:
	lant Species	Stratum	Indicator		Dominant Plant		Stratum	Indicator
1. Quercus bicolor		canopy	FACW+					
2. <u>Ulmus rubra</u>		canopy	FAC	10.				
3. Fraxinus pennsylvani	<u>ca</u>	canopy	FACW	11.				
4. Populus deltoides		canopy	FAC+	12.				
5. Vitis riparia		vine	FACW-	13.	-			
6. Impatiens capensis		herbaceous	FACW	14.				
7. <u>Alliaria petiolata</u>		herbaceous	FAC	15.				
8. Carex sp.		herbaceous	OBL/FAC					
Remarks: DOMINA	NCE OF HYDF	ROPHYTIC VE	GETATION.					
HYDROLOGY					Wetland Hydrolog	- Indicators		
Recorded Data (X No Recorded Data	(Describe in Remarks Stream, Lake, or T Aerial Photograph Other ata Available	Tide Gauge			Primary Indicators Inur x Satu Wat Drif x Sed:	ndated urated in Upper 12 ter Marks ft Lines iment Deposits		
Field Observations:					xDra	inage Patterns in V	Vetlands	
Depth of Surface	e Water:	0 (in	n.)			dized Root Channe	els in Upper 12 in	iches
Depth to Free Water in Pit:4(in.)				x Water-Stained Leaves Local Soil Survey Data				
Depth to Saturat	ted Soil:	(in	n.)			C-Neutral Test er (Explain in Ren	narks)	
Remarks: PRESEN	CE OF HYDRO	LOGY INDICA	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P61 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	Eel silt loam		Drainage Class:	moderately well	drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	trast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/6		
			_		
			_		
Hydric Soil Indicators	·				
Tryune gon maleators					
_	Histosol Histic Epipedon		Concretions High Organic Conter	t in Surface Layer in S	Sandy Soils
<u> </u>	Sulfidic Odor		Organic Streaking in		
	Aquic Moisture Regir	ne	Listed on Local Hydr		
	Reducing Conditions Gleyed or Low-Chron	na Colors	Listed on National H Other (Explain in Re		
<u></u>					
Remarks: PRESEN	CE OF HYDRIC S	OIL INDICATORS.			
WETLAND DETERMINA	ATION				
	D	V			
Hydrophytic Vegetati Wetland Hydrology P		Yes Yes			
Hydric Soils Present?	resent:	Yes	Is this Sampling Point W	ithin a Wetland?	Yes
Remarks: WETLAN	ND BASED ON PR	ESENCE OF POSITIV	VE VEGETATION, HYDRO	DLOGY, AND SO	OIL INDICATORS.

(1987 COE Wetlands Delineation Manual)

Applicant/Owner:	Shovel Ready Site Allen County Annie White & Jennife	er Manning			County:	Allen (5, 2006 County	
Do Normal Circumstand Is the site significantly of Is the area a potential Pr (If needed, explain on re	disturbed (Atypical Site Problem Area?	uation)?	Yes Yes Yes	No No No	Community ID: Transect ID: Plot ID:	SEC	TION II: Channel T1 T1P62	
VEGETATION								
Dominant Plant	•	Stratum	Indicator	-		Plant Species	Stratum	Indicator
1				Ē	9			
2				. 1	0			
3				. 1	1			
4				. 1	2			
5				. 1	3			
6				. 1	4			
7				1	5			
8				1	6			
Percent of Dominant Species to (excluding FAC-) Remarks: No vegetation					0.0%	-		
HYDROLOGY					W 4 - 4 H-4	1 T 41t		
	Stream, Lake, or Tide C Aerial Photographs Other	Jauge			Primary Indicator	rs Inundated Saturated in Upper Water Marks Drift Lines Sediment Deposits Drainage Patterns i		
Field Observations:					~	_		
Depth of Surface W	/ater:	3 (in.))		Secondary Indica		annels in Upper 12 in	ches
Depth to Free Water	er in Pit:	0 (in.))			Water-Stained Leav Local Soil Survey I		
Depth to Saturated S	Soil:	0 (in.))			FAC-Neutral Test Other (Explain in F	Remarks)	
Remarks: PRESENCE	OF HYDROLOG	GY INDICAT	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P62 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	Eel silt loam		Drainage Class:	moderately well	l drained	
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	n Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ntrast	Texture, Structure, Concretions, etc.	
0-12	1	10YR 4/2	10YR 4/4			
Hydric Soil Indicator	s: Histosol		Concretions			
	Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		High Organic Conter Organic Streaking in Listed on Local Hyde Listed on National H	High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)		
Remarks: PRESEN	CE OF HYDRIC S	OIL INDICATORS.				
WETLAND DETERMIN	ATION					
Hydrophytic Vegetati Wetland Hydrology F Hydric Soils Present?	Present?	No Yes Yes	Is this Sampling Point V	Vithin a Wetland?	No	
			SITIVE VEGETATION INI S. AND DELINEATED AT			

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenr	nifer Manning			Date: County: State:	Allen County		
			Yes 1	No No No	Community ID: Upland adjacent to Section XVI Transect ID: T1 Plot ID: T1P63			<u>'I</u>
VEGETATION								
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant Spe		Stratum	Indicator
1. Carya ovata		canopy	FACU	9.				
2. Acer saccharum		canopy	FACU	10.				
3. Acer saccharum		canopy	FACU	11.				
4. Celtis occidentalis		canopy	FAC-	12.				
5. Cardamine concatenat	ıta	herbaceous	FACU	13.				
6. Erythronium american	num	herbaceous	FAC	14.				
7. Claytonia caroliniana	ı	herbaceous	FACU	15.				
8.			_					_
Remarks: DOMINA	NCE OF NON-H	(YDROPHYT)	IC VEGETA	ΓΙΟΝ.				
HYDROLOGY					W-4and Undralogy It	1: 204000		
Recorded Data (Describe in Remarks): Stream, Lake, or Tide GaugeAerial PhotographsOtherX_No Recorded Data Available				Primary Indicators Primary Indicators Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands				
Field Observations:							lanus	
Depth of Surface	e Water:	none (in	1.)			d Root Channels	in Upper 12 inc	ches
Depth to Free Wa	'ater in Pit:	>20 (in	1.)		Local So	tained Leaves oil Survey Data		
Depth to Saturate	ed Soil:	>20 (in	1.)			eutral Test Explain in Remarl	ks)	
Remarks: ABSENCI	E OF HYDROLC	GY INDICAT	ΓORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P63 Page 2 of 2

SOILS				
Map Unit Name (Series and Phase):	E	Eel silt loam	Drainage Class: moderately w	ell drained
Taxonomy (Subgroup):	Aquic Flu	iventic Eutrochrepts	Field Observations Confirm Mapped Type?	Yes No
Profile Description:				
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-3	1	10YR 3/2		
3-12	2	10YR 5/2		
Hydric Soil Indicator	s:			
- - - - - -	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chror		Concretions High Organic Content in Surface Layer in Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)	ı Sandy Soils
Remarks: NON-WI	ETLAND BASED (ON ABSENCE OF POSI	TIVE VEGETATION, HYDROLOGY, A	ND SOIL INDICATORS
WETLAND DETERMIN	ATION			
Hydrophytic Vegetati Wetland Hydrology F Hydric Soils Present?	Present?	No No No	Is this Sampling Point Within a Wetland?	No
Remarks: NON-WI	ETLAND BASED (ON ABSENCE OF POSI	TIVE VEGETATION AND HYDROLOG	FY INDICATORS.

(1987 COE Wetlands Delineation Manual) Page 1 of 2 Project/Site: Shovel Ready Site Date: April 6, 2006 Applicant/Owner: County: Allen County Allen County Investigators: Annie White & Jennifer Manning State: Indiana Do Normal Circumstances exist on the site? Yes Community ID: SECTION XVI: Forested Wetland No Is the site significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Area? No Transect ID: Yes (If needed, explain on reverse.) Plot ID: T1P64 VEGETATION Dominant Plant Species Dominant Plant Species Stratum Indicator Stratum Indicator FACW+ 1. Quercus bicolor canopy FAC 2. Ulmus rubra canopy 3. Fraxinus pennsylvanica **FACW** canopy 4. Grass sp. herbaceous OBL/FAC 5. Impatiens capensis herbaceous **FACW** 6. Cardamine concatenata herbaceous FACU OBL/FAC 7. Carex sp. herbaceous 8. Erythronium americanum herbaceous FAC Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 88.0% Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Recorded Data (Describe in Remarks): Primary Indicators Stream, Lake, or Tide Gauge Inundated Aerial Photographs Saturated in Upper 12 Inches Other Water Marks X No Recorded Data Available Drift Lines Sediment Deposits Drainage Patterns in Wetlands Field Observations: Secondary Indicators (2 or more required) Depth of Surface Water: 0 (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves 4 (in.) Depth to Free Water in Pit: Local Soil Survey Data FAC-Neutral Test 0____(in.) Depth to Saturated Soil: Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P64 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately well	l drained	
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confir	m Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ntrast	Texture, Structure, Concretions, etc.	
0-12	1 10 YR 4/2		10YR 4/4	10YR 4/4		
			_			
			_			
			_			
Hydric Soil Indicators	:					
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyd Listed on National H Other (Explain in Re	ric Soils List lydric Soils List	Sandy Soils	
Remarks: PRESEN	CE OF HYDRIC SO	OIL INDICATORS.				
WETLAND DETERMINA	ATION					
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point V	Vithin a Wetland?	Yes	
Remarks: WETLAN	ND BASED ON PR	ESENCE OF POSITIV	E VEGETATION, HYDRO	OLOGY, AND SO	OIL INDICATORS.	

(1987 COE Wetlands Delineation Manual)

							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 2	006	
Applicant/Owner:	Allen County				County:			
Investigators:	Annie White & Jeni	nifer Manning			State:	Indiana	ì	
D. N 1.0'		0			G : TD			
	stances exist on the site tly disturbed (Atypical		Yes Yes	No No	Community ID:	Upland adjac	cent to Section XV	11
Is the area a potentia		Situation):	Yes	No	Transect ID:		T1	
(If needed, explain of	on reverse.)		_		Plot ID:		T1P65	
VEGETATION								
Dominant P	lant Species	Stratum	Indicator		Dominant Pla	nt Species	Stratum	Indicator
1. Carya ovata		canopy	FACU	9.				
2. Acer saccharum		canopy	FACU	10.				
3. Celtis occidentalis		canopy	FAC-	11.				
4. Quercus alba		canopy	FACU	12.			- <u></u> -	-
5. Prunus serotina		canopy	FACU	13.				
6. Claytonia carolini		herbaceous	FACU	14.				
7. Cardamine concatena	ıta	herbaceous	FACU	15.				
8. Erythronium america	num	herbaceous	FAC	16.				
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA			IC VEGETA	ATION.	13.0%			
HYDROLOGY								
ITEROLOGI					Wetland Hydrolo	ogy Indicators		
Pagardad Data ((Describe in Remarks):				Primary Indicators			
Recorded Data (Stream, Lake, or Tic					undated		
_	Aerial Photographs	-				turated in Upper 12	Inches	
_	Other					ater Marks		
X No Recorded Da	ata Available					rift Lines		
						ediment Deposits rainage Patterns in V	Vatlands	
Field Observations:								
Depth of Surface	e Water:	none (in	ı.)			xidized Root Channe	els in Upper 12 inc	ches
Depth to Free W	/ater in Pit:	>20 (in	ı.)		Lo	ater-Stained Leaves ocal Soil Survey Dat		
Depth to Saturat	ted Soil:	>20 (in	ı.)			AC-Neutral Test ther (Explain in Ren	narks)	
Damania ADCENC	TE OF HVDDOLG	OCY INDICAT	rong.					
Remarks: ABSENC	E OF HYDROLC	JGY INDICA	IOKS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P65 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	E	el silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confirm	Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Conf	trast	Texture, Structure, Concretions, etc.
0-3	1 10YR 3/1				
3-12	2	10YR 5/3	10YR 4/4		
Hydric Soil Indicators	:				
<u>-</u>	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin	ne	Concretions High Organic Content Organic Streaking in S Listed on Local Hydri	Sandy Soils	Sandy Soils
	Reducing Conditions Gleyed or Low-Chron		Listed on National Hy Other (Explain in Ren	dric Soils List	
-			Other (Explain in Rei	narks)	
Remarks: PRESENG	CE OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetatic Wetland Hydrology Pr		No No Yes	I di G E Di AW	.d. W.d. 19	V
Hydric Soils Present?			Is this Sampling Point W		No
Remarks: NON-WE	TLAND BASED (N ABSENCE OF POS	ITIVE VEGETATION ANI	D HYDROLOGY	Y INDICATORS.

(1987 COE Wetlands Delineation Manual)

	nnifer Manning		_	County: State:	Allen Co India		
Do Normal Circumstances exist on the sit Is the site significantly disturbed (Atypica Is the area a potential Problem Area? (If needed, explain on reverse.)		Yes No Yes No Yes No)	Transect ID:	Pransect ID: T1 Plot ID: T1P66		
EGETATION							
Dominant Plant Species	Stratum	Indicator		Dominant Pla	ant Species	Stratum	Indicator
1. Quercus bicolor	canopy	FACW+	9.				
2. <u>Ulmus rubra</u>	canopy	FAC	10.				
3. Fraxinus pennsylvanica	canopy	FACW	11.				
4. Carex sp.	herbaceous	OBL/FAC	12.				
5. Impatiens capensis	herbaceous	FACW	13.				
6. Claytonia virginica	herbaceous	FACU	14.				
7. Carex sp.	herbaceous	OBL/FAC					
8	•						<u> </u>
Remarks: DOMINANCE OF HYDR	OPHYTIC VE	GETATION.					
IYDROLOGY				Watland Hudnol	1 In digators		
Recorded Data (Describe in Remarks Stream, Lake, or T Aerial Photograph Other X No Recorded Data Available	Tide Gauge			x S W D D X S	nundated Saturated in Upper 1 Water Marks Drift Lines Sediment Deposits		
Field Observations:			,		Orainage Patterns in		
Depth of Surface Water:	(in	n.)		C		nnels in Upper 12 in	ches
Depth to Free Water in Pit:	6 (in	n.)		L	Water-Stained Leave Local Soil Survey Da		
Depth to Saturated Soil:	(in	n.)			FAC-Neutral Test Other (Explain in Re	emarks)	
	LOGY INDICA	TODG					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P66 Page 2 of 2

Map Unit Name (Series and Phase):	F	Eel silt loam	Drainage Class:	moderately wel	moderately well drained		
axonomy (Subgroup):	Aquic Flu	ventic Eutrochrepts	Field Observations Confi	rm Mapped Type?	Yes No		
Profile Description:							
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure Concretions, etc		
0-12	0-12 1 10 YR 4/2		10YR 4/4	4			
Hydric Soil Indicators:	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking i Listed on Local Hyo Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils		
Remarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.					
WETLAND DETERMINA	TION						
Hydrophytic Vegetation Wetland Hydrology Pre Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes		

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							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 2	006	
Applicant/Owner:	Allen County			_	County:			
Investigators:	Annie White & Jenr	nifer Manning		_	State:			
Do Normal Circum	stances exist on the site	.9	Yes No	,	Community ID:		Forest	
	ntly disturbed (Atypical		Yes No	_	Community ID.		Totost	
Is the area a potenti			Yes No		Transect ID:		T1	
(If needed, explain	on reverse.)				Plot ID:		T1P68	
					<u> </u>			
VEGETATION								
	Plant Species	Stratum	Indicator		Dominant Plant Sp	ecies	Stratum	Indicator
			E4011					
1. Juglans nigra		canopy	<u>FACU</u>	9.	Erythronium americanum	<u> </u>	herbaceous	<u>FAC</u>
2. Carya ovata		canopy	FACU	10.	. Geum vernum		herbaceous	FAC-
3. Quercus rubra		canopy	FACU	11.	Trillium sessile		herbaceous	FACU-
4. Acer saccharum		canopy	FACU	12				
1. Heer successive		cunopy		12.				
5. Rubus occidentalis		subcanopy	FACU	13.				
6. Lonicera tatarica		subcanopy	FACU	1.4				
o. Lonicera iaiarica		subcallopy	TACO	14.				
7. Vitis riparia		vine	FACW-	15.	·			
			E4011					
8. Clatonia virginica		herbaceous	<u>FACU</u>	16.	•			
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA			IC VECETATI		18.1%			
Remarks: DOMINA	ANCE OF NON-H	IDKOPH I I	IC VEGETATI	ON.				
HYDROLOGY								
					Wetland Hydrology l	ndicators		
Recorded Data	(Describe in Remarks):				Primary Indicators			
_	Stream, Lake, or Tic Aerial Photographs	le Gauge			Inunda	ed ed in Upper 12	Inches	
	Other				Water I		liiches	
X No Recorded D					Drift L			
						nt Deposits		
						ge Patterns in V	Vetlands	
Field Observations:							D.	
Depth of Surfac	o Water	none (in	.)		Secondary Indicators (2 o	-	d) els in Upper 12 inc	has
Depui of Surfac	e water.	none (in	1.)			Stained Leaves		nes
Depth to Free V	Vater in Pit:	>20 (in	ı.)			oil Survey Dat		
	_					eutral Test		
Depth to Satura	ted Soil:	>20 (in	1.)		Other (Explain in Ren	narks)	
Remarks: ABSENC	TE OF HYDROLO	GY INDICAT	TORS					
Remarks. Adden	LE OF HIDROLO	OI INDICA	IOKS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P68 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	Mo	orley silt loam	Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Туј	pic Hapludalfs	Field Observations Confirm	n Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ntrast	Texture, Structure, Concretions, etc.
0-4	1 10YR 4/2				
>4	2 10YR 5/4		10YR 5/6	10YR 5/6	
Hydric Soil Indicators	s: Histosol		Concretions		
	Histic Epipedon Sulfidic Odor Aquic Moisture Regi		High Organic Conter Organic Streaking in Listed on Local Hydi	ric Soils List	Sandy Soils
	Reducing Conditions Gleyed or Low-Chron		Listed on National H Other (Explain in Re		
Remarks: PRESEN	CE OF HYDRIC S	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetati Wetland Hydrology P Hydric Soils Present?	resent?	No No Yes	Is this Sampling Point V	Vithin a Wetland?	No
Remarks: NON-WI	ETLAND BASED (ON ABSENCE OF POS	 TIVE VEGETATION AN	D HYDROLOG`	Y INDICATORS.

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jennifer Manning			_ _ 	Date: April 6, 2006 County: Allen County State: Indiana			
			Yes No Yes No Yes No)	Community ID: SECTION XVIII: Scrub-Shrub Wetland Transect ID: T1 Plot ID: T1P69			
VEGETATION								
Dominant I	Plant Species	Stratum	Indicator	-	Dominant Pla	ant Species	Stratum	Indicator
1. Salix sp.		subcanopy	OBL/FAC	9.				
2. Cornus racemosa		subcanopy	FACW-	10.				
3. Vitis riparia		vine	FACW-	11.				
4. <u>Carex sp.</u>		herbaceous	OBL/FAC	12.				
5				13.				
ó				14.				
7								
								_
ercent of Dominant Spece (excluding FAC-)	cies that are OBL, FA	CW or FAC		16.	100.0%			
ercent of Dominant Specexcluding FAC-)	cies that are OBL, FA	CW or FAC		16.				
ercent of Dominant Spec (excluding FAC-)	cies that are OBL, FA	CW or FAC			100.0%			
ercent of Dominant Spec (excluding FAC-) Remarks: DOMINA	Cies that are OBL, FA ANCE OF HYDI (Describe in Remarks Stream, Lake, or Aerial Photograph Other	CW or FAC ROPHYTIC VE s): Tide Gauge			Wetland Hydrol Primary Indicators IT X S W D S	logy Indicators nundated Saturated in Upper I Water Marks Drift Lines Sediment Deposits	12 Inches	
ercent of Dominant Species (excluding FAC-) Remarks: DOMINA EYDROLOGY Recorded Data X No Recorded D	Cies that are OBL, FA ANCE OF HYDI (Describe in Remarks Stream, Lake, or Aerial Photograph Other	CW or FAC ROPHYTIC VE s): Tide Gauge		-	Wetland Hydrol Primary Indicators In x S w D x D x	logy Indicators nundated Saturated in Upper I Water Marks Drift Lines Sediment Deposits Drainage Patterns in	12 Inches	
ercent of Dominant Specercent of Dominant Specercent of Dominant Specercent S	(Describe in Remarks Stream, Lake, or Aerial Photograph Other Other	CW or FAC ROPHYTIC VE s): Tide Gauge	GETATION.	-	Wetland Hydrol Primary Indicators In x S V C S Secondary Indicato	nundated Saturated in Upper I Water Marks Drift Lines Sediment Deposits Drainage Patterns in ors (2 or more requi	12 Inches n Wetlands red) nnels in Upper 12 inc	thes
ercent of Dominant Species (excluding FAC-) Remarks: DOMINA TYDROLOGY Recorded Data X No Recorded D Field Observations:	(Describe in Remarks Stream, Lake, or Aerial Photograph Other Data Available	CW or FAC ROPHYTIC VE s): Tide Gauge hs	GETATION.	-	Wetland Hydrol Primary Indicators II x S V E S x D Secondary Indicato	logy Indicators nundated Saturated in Upper I Water Marks Drift Lines Sediment Deposits Drainage Patterns in ors (2 or more requi- Dxidized Root Chan Water-Stained Leave Local Soil Survey D	12 Inches 1 Wetlands red) nuels in Upper 12 inces	thes
X No Recorded D Field Observations: Depth of Surface	(Describe in Remarks Stream, Lake, or Aerial Photograph Other Data Available ce Water:	CW or FAC ROPHYTIC VE s): Tide Gauge hs	DECENTION.	-	Wetland Hydrol Primary Indicators II x S V C S x D Secondary Indicato x W L F	nundated Saturated in Upper I Water Marks Drift Lines Sediment Deposits Drainage Patterns in Ors (2 or more requi- Dxidized Root Chan Water-Stained Leave	12 Inches a Wetlands red) nuels in Upper 12 inces es	thes

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Project/Site: Shovel Ready Site Plot ID T1P69 Page 2 of 2

Map Unit Name (Series and Phase):		Morley Soils	Drainage Class:	moderately wel	moderately well drained		
Caxonomy (Subgroup):	Туј	pic Hapludalfs	Field Observations Confi	irm Mapped Type?	Yes No		
Profile Description:							
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co		Texture, Structure Concretions, etc		
0-12	0-12 1 10 YR 4/2		10YR 4/6	6			
Hydric Soil Indicators:			Concretions				
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron	3	Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)				
Remarks: PRESENC	E OF HYDRIC S	OIL INDICATORS.					
WETLAND DETERMINA	TION						
Hydrophytic Vegetation Wetland Hydrology Pre Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes		

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Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jer					April 6, 2006 Allen County Indiana			
			Yes 1	No No No	Community ID: Upland adjacent to Section XVIII Transect ID: T1 Plot ID: T1P70				
VEGETATION			 -		D. i Di G i	- G			
Dominant Pl	ant Species	Stratum	Indicator		Dominant Plant Species	Stratum	Indicator		
1. Lonicera tatarica		subcanopy	_FACU_	9.					
2. Rosa multiflora		subcanopy	FACU	10.					
3. Rubus occidentalis		subcanopy	FACU	11.					
4. Impatiens capensis		herbaceous	FACW	12.					
5. Aster sp.		herbaceous	FACU	13.					
6. Erythronium american	num	herbaceous	FAC	14.					
7				15.					
8.									
(excluding FAC-) Remarks: DOMINA	NCE OF NON-J	HYDROPHYTI	C VEGETA	ΓΙΟΝ.	33.0%				
HYDROLOGY									
Recorded Data (I	Describe in Remarks) Stream, Lake, or T Aerial Photographs Other ata Available	Tide Gauge			Water Marks Drift Lines Sediment Dep	Upper 12 Inches			
Field Observations:					Secondary Indicators (2 or more				
Depth of Surface	• Water:	none(in	.)		Oxidized Roo	ot Channels in Upper 12 in	ches		
Depth to Free Wa	ater in Pit:	>20 (in)		Water-Stained Local Soil Su	rvey Data			
Depth to Saturate	ed Soil:	>20 (in)		FAC-Neutral Other (Explai	Test in in Remarks)			
Remarks: ABSENC	E OF HYDROL	OGY INDICAT	ORS.						

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Project/Site: Shovel Ready Site Plot ID T1P70 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	Mo	orley silt loam	Drainage Class:	moderately well drained		
Taxonomy (Subgroup):	Тур	oic Hapludalfs	Field Observations Confir	m Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ntrast	Texture, Structure, Concretions, etc.	
0-3	1	10YR 3/2				
3-12	2	10YR 5/3	10YR 4/6	<u>i</u>		
Hydric Soil Indicators: Histosol						
WETLAND DETERMINA	ATION					
Hydrophytic Vegetatio Wetland Hydrology Pr Hydric Soils Present?		No No No	Is this Sampling Point V	Within a Wetland?	No	
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION AN	ID HYDROLOGY	INDICATORS.	

(1987 COE Wetlands Delineation Manual)

Project Site: Applicant Owner: Application Owner: Applicant Owner: Alles County Amile White & Jennifer Munning Do Normal Circunstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Area? (If needed, explain on reverse.) PRECETATION PRECETATION Project Indicates Project Proje						1		Page 1 of 2	
Applicant Owner: Allen County Investigators: Allen County Do Normal Circumstances exist on the site? Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) FEGETATION FEGETATION TO Internate Plant Species Strutum Indicator Dominant Plant Species Strutum Indicator Indicator Dominant Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Strutum Indicator Internate Plant Species Indiana Internate Plant Species Strutum Indicator Internate Plant Species Indiana Internate Plant Species Indiana Internate Plant Species Indiana Internate Plant Species Indiana Internate Plant Species Indiana Internate Plant Species Indiana Internate Plant Species Indiana Internate Plant Species Indiana Internate Plant Species Indiana Internate Plant Species Indiana Internate Plant Species Internate Plant Specie	Proiect/Site:	Shovel Ready Site				Date:	April 6, 2	006	
Do Normal Circumstances exist on the site? Yes No SECTION XVIII Transect ID: TI Plot ID: TIP71 Transect ID: TIP71 Transect ID: TIP71 Transect ID: TIP71 Transect ID: TIP71									
Do Normal Circumstances exist on the site? It the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) Ves			nnifer Manning						
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Is the six as gottleantly disturbed (Atypical Situation)? Yes No No SECTION XVIII Transact ID TI Plot ID TI Ti Plot ID TI Plot ID TI Ti Ti Ti Ti Ti Ti Ti	Do Normal Circum	stances exist on the sit	:09	Vos	No	Community ID:	A grigulture	al Field adjacent to	
Is the area a potential Problem Area? (If needed, explain on reverse.) Transect ID: TI TIPTI						Community ID.			<u>'</u>
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Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator				_		Plot ID:		T1P71	
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator									
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator									
1. Triticum aestivum herbaceous FACU 9		N . C	C	T 1' 4		D ' (D)		G	T 1' .
2. Daucus carota herbaceous FACU 10. 3	Dominant P	lant Species	Stratum	Indicator		Dominant Plai	it Species	Stratum	Indicator
2. Daucus carota herbaceous FACU 10. 3	1. Triticum aestivum		herbaceous	FACU	9.				
3.									
3.	2. Daucus carota		herbaceous	FACU	10.				
12									
5	3		<u> </u>		11.				
5	4				12				
14	T.		-		12.				
14	5.				13.				
The second of Dominant Species that are OBL, FACW or FAC excluding FAC-) The second of Dominant Species that are OBL, FACW or FAC excluding FAC-) The second of Dominant Species that are OBL, FACW or FAC excluding FAC-) The second of Dominant Species that are OBL, FACW or FAC excluding FAC-) The second of Dominant Species that are OBL, FACW or FAC excluding FAC-) The second of Dominant Species that are OBL, FACW or FAC excluding FAC-) The second of Dominant Species that are OBL, FACW or FAC excluding FAC-) The second of Dominant Species that are OBL, FACW or FAC excluding FAC-) The second of Dominant Species that are OBL, FACW or FAC excluding FAC-) The second of Dominant Species that are OBL, FACW or FAC excluding FAC-) The second of Dominant Species that are OBL, FACW or FAC excluding FACW or									
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emarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. PARCORD Recorded Data (Describe in Remarks): Recorded Data (Describe in Remarks): Aerial PhotographsOther X_No Recorded Data Available Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. Wetland Hydrology Indicators Primary Indicators Primary Indicators Inundated Saturated in Upper 12 Inches Water Marks Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	/				15.				
recent of Dominant Species that are OBL, FACW or FAC excluding FAC-) emarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. Methand Hydrology Indicators	3.				16.				
Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. Primary Indicators			-						
Wetland Hydrology Indicators Primary Indicators Primary Indicators Inundated Saturated in Upper 12 Inches Water Marks Depth to Free Water in Pit: >20 (in.) Other (Explain in Remarks) Other Cother	(excluding FAC-)			IC VECETA	TION	0.0%			
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Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Primary Indicators Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)						Wetland Hydrolo	gy Indicators		
Stream, Lake, or Tide Gauge Aerial Photographs Other Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: >20 (in.) Other (Explain in Remarks)						•	<i>-</i> 2		
Aerial Photographs Other Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: >20 (in.) Other (Explain in Remarks)	Recorded Data					Primary Indicators			
Other X No Recorded Data Available Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Other (Explain in Remarks)			-						
Drift Lines Sediment Deposits Drainage Patterns in Wetlands			s					Inches	
Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: >20 (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	V V D 11D								
Field Observations: Depth of Surface Water: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	X No Recorded D	ata Available							
Field Observations: Depth of Surface Water: none (in.)								Watlands	
Depth of Surface Water: Depth of Free Water in Pit: Depth to Saturated Soil: Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Field Observations:					DI	amage ratterns in v	venanus	
Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Oxidized Root Channels in Upper 12 inches	ricid Observations.					Secondary Indicators	s (2 or more require	d)	
Depth to Free Water in Pit: Depth to Free Water in Pit: >20	Depth of Surfac	e Water:	none (ir	1.)		•			ches
Depth to Saturated Soil: S20 (in.) FAC-Neutral Test Other (Explain in Remarks)			`	,					
Depth to Saturated Soil: S20 (in.) Other (Explain in Remarks)	Depth to Free V	Vater in Pit:	>20 (in	1.)		Lo	cal Soil Survey Dat	a	
						FA	C-Neutral Test		
Remarks: ABSENCE OF HYDROLOGY INDICATORS.	Depth to Satura	ted Soil:	>20 (in	1.)		Ot	her (Explain in Rem	narks)	
temarks: ABSENCE OF HYDROLOGY INDICATORS.									
	temarks: ABSENC	E OF HYDROLO	OGY INDICAT	ΓORS.					

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Project/Site: Shovel Ready Site Plot ID T1P71 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):			Drainage Class:	moderately well	ll drained	
Гахопоту (Subgroup):	Туј	pic Hapludalfs	Field Observations Confir	rm Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.	
0-4	1	10YR 4/3	10YR 5/6	5		
>4	>4 2 10YR 6/2		10YR 5/6	<u> </u>		
- <u></u>			-			
			-			
Hydric Soil Indicators:						
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chror	ma Colors	Concretions High Organic Conte Organic Streaking in Listed on Local Hyd Listed on National F Other (Explain in Re	dric Soils List Hydric Soils List	Sandy Soils	
Remarks: PRESENC	Æ OF HYDRIC S	OIL INDICATORS.				
WETLAND DETERMINA	ATION					
Hydrophytic Vegetatio Wetland Hydrology Pre Hydric Soils Present?		No No Yes	Is this Sampling Point V	Within a Wetland?	No	
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	SITIVE VEGETATION AN	ND HYDROLOG'	Y INDICATORS.	
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(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Over: Allen County:								Page 1 of 2	
ApplicantOwner: Investigators: Allen County Investigators: Allen County Investigators: Allen County Investigators: Allen County State: Indiana Do Normal Circumstances exist on the site? By the site significantly disturbed (Appical Stuation)? Is the area a potential Problem Area? (If needed, explain on reverse.) VEGETATION VEGETATION VEGETATION VEGETATION VEGETATION Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator Dominant Plant Species Indiana Trapsed angustifolis Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Executed Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Primary Ind	Project/Site:	Shovel Ready Site				Date:	April 6, 20)06	
Por Normal Circumstances exist on the site? Yes No 1st the site significantly disturbed (Appical Statusion)? Yes No 1st the area a poential Problem Annual Statusion Yes No 1st the area a poential Problem Annual Statusion Yes No No 1st the area a poential Problem Annual Statusion Yes No No No No No No No N									
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (Iff needed, explain on reverse.) Ves No Yes No Transect ID: T1			nifer Manning						
Series is significantly disturbed (Alpylead Situation)? Series No.									
Series is significantly disturbed (Alpylead Situation)? Series No.	Do Normal Circum	estances exist on the site	29	Yes	No	Community ID:	SECTION XV	III. Emergent edge	e of
Transect ID: TI TI TI TI TI TI TI T							Scrub-s		<i>y</i> 01
Plot ID: T1P72	-		,	 		Transect ID:		T1	
Dominant Plant Species Stratum Indicator	(If needed, explain	on reverse.)		_		Plot ID:		T1P72	
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator									
Dominant Plant Species Stratum Indicator	/EGETATION								
1. Typha angustifolia		Plant Species	Stratum	Indicator		Dominant Pla	ant Species	Stratum	Indicator
10 11 12 15 15 16 16 16 16 17 18 16 18 18 18 18 18 18	-						•		
11.	1. Typha angustifolia		herbaceous	OBL	9.				
11.	2				10				
12	2				10.				
12	3.				11.				
5									
6.	4				12.				
6.	5				13				
7	J			-	13.				
7	6				14.				
Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. PATURE A Contraction of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. PATURE A Contraction of Phydrophytric Vegeta Action of Phydrophytric									
recent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. Primary Indicators	7				15.				
ercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION.	Q				16				
Remarks: DOMINANCE OF HYDROPHYTIC VEGETATION. Memarks: DOMINANCE OF HYDROPHYTIC VEGETATION.	o				10.				
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Other Recorded Data (Describe in Remarks): Primary Indicators Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	(excluding FAC-)			GETATION		100.0%			
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Other Recorded Data (Describe in Remarks): Primary Indicators Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)									
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Primary Indicators Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	YDROLOGY					Watland Hydrole	ngy Indicators		
Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Other Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)						welland flydron	ogy mulcators		
Aerial Photographs Other X No Recorded Data Available Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Aerial Photographs Other Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Recorded Data	(Describe in Remarks):	:			Primary Indicators			
Other X No Recorded Data Available Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: Depth to Saturated Soil: O (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)		Stream, Lake, or Ti	de Gauge				undated		
X No Recorded Data Available Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: O (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	_							Inches	
Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	. 								
Field Observations: Depth of Surface Water: Depth of Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Depth of Surface Water: Depth of Surface Wa	X No Recorded D	ata Available							
Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: O (in.) Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)		_	_	_				Vatlande	
Depth of Surface Water: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Secondary Indicators (2 or more required) Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Field Observations:					D	lamage Fatterns III W	retialius	
Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: O (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Tiola Godervations.					Secondary Indicator	rs (2 or more required	1)	
Depth to Free Water in Pit: 6 (in.) Local Soil Survey Data FAC-Neutral Test Depth to Saturated Soil: 0 (in.) Other (Explain in Remarks)	Depth of Surface	ce Water:	0 (ir	1.)		-			ches
Depth to Saturated Soil: FAC-Neutral Test		-							
Depth to Saturated Soil: Other (Explain in Remarks)	Depth to Free V	Vater in Pit:	6 (ir	1.)			•	ì	
	D 4 . C .	. 10 1	0 (
Remarks: PRESENCE OF HYDROLOGY INDICATORS.	Depth to Satura	ited Soil:	(ir	1.)			iner (Explain in Rem	.arks)	
CHIMINS. TRESERVE OF TITIBROLOGY INDICATORS.	Pemarke: DRESEN	ICE OF HYDROL	OGY INDICA	TORS					
	Nemarks. FRESEN	ICE OF HIDROL	JOGI INDICA	MOKS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P72 Page 2 of 2

(Series and Phase):	Jnit Name s and Phase): Morley silt loam		Drainage Class:	moderately well drained		
axonomy (Subgroup):	Туг	oic Hapludalfs	Field Observations Confirm Mapped Type?		Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure Concretions, etc.	
0-12	1	10YR 5/2	10YR 5/6	10YR 5/6		
Hydric Soil Indicators:						
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking i Listed on Local Hyd Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils	
emarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.				
VETLAND DETERMINA	TION					
Hydrophytic Vegetation Wetland Hydrology Pre Hydric Soils Present?		Yes Yes Yes	Is this Sampling Point	Within a Wetland?	Yes	

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jen				Date: County: State:	April 6, 2 Allen Cou Indiana	unty	
			Yes	No No No	Transect ID:	Grassy waterway- a	djacent to SECTIO T1 T1P73	ON XVIII
VEGETATION								
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plan		Stratum	Indicator
1. Avena sativa		herbaceous	FACU	9.				
2. <u>Trifolium pratense</u>		herbaceous	FACU+	10.				
3. Triticum aestivum		herbaceous	FACU	11.				
4. Typha angustifolia		herbaceous	OBL	12.				
5				13.				
6								
_								
Remarks: DOMINA	NCE OF NON-F	-IYDROPHYTI	(C VEGETA	TION.				
HYDROLOGY								
					Wetland Hydrolo	ogy Indicators		
X No Recorded Date	Describe in Remarks) Stream, Lake, or Ti Aerial Photographs Other ata Available	ide Gauge			x Sa W Dr Se	undated aturated in Upper 12 ater Marks rift Lines ediment Deposits rainage Patterns in V		
Field Observations:					Secondary Indicators			
Depth of Surface	· Water:	(in	1.)		Ox	xidized Root Channel ater-Stained Leaves	els in Upper 12 in	ches
Depth to Free Wa	ater in Pit:	>20 (in	1.)		Lo	ocal Soil Survey Dat		
Depth to Saturate	ed Soil:	(in	1.)			AC-Neutral Test her (Explain in Ren	narks)	
Remarks: PRESENC	CE OF HYDROL	OGY INDICA	TORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P73 Page 2 of 2

'axonomy (Subgroup):	Typ	· II 1 1 10		
		pic Hapludalfs	Field Observations Confirm Mapped Typ	pe? Yes No
Profile Description:				
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-8	1	10YR 4/2	_	
>8	210YR 4/210YR 5/6		10YR 5/6	few, faint
				_
Hydric Soil Indicators:	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Content in Surface La Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)	
Remarks: PRESENC		OIL INDICATORS.		
VETLAND DETERMINA	HON			
Hydrophytic Vegetatior Wetland Hydrology Pre Hydric Soils Present?		No Yes Yes	Is this Sampling Point Within a Wetlam	nd? <u>No</u>
	TI AND DACED (N ARSENCE OF POS	SITIVE VEGETATION INDICATORS	<u> </u>

(1987 COE Wetlands Delineation Manual)

Applicant/Owner: Allen	rel Ready Site n County e White & Jennifer Manning			County:	April 6, Allen C India	ounty	
Do Normal Circumstances e. Is the site significantly distur Is the area a potential Proble (If needed, explain on revers	rbed (Atypical Situation)? em Area?	Yes	No No No	Community ID: Transect ID: Plot ID:	Upland adja	T1 T1P74	(IX
VEGETATION							
Dominant Plant Spec	ccies Stratum	Indicator		Dominant Pl	ant Species	Stratum	Indicator
1. Lonicera tatarica	subcanopy	FACU	9.				
2. Rosa multiflora	subcanopy	FACU	10.				
3. Salix spp.	subcanopy	OBL/FAC	11.				
4. Cornus racemosa	subcanopy	FACW-	12.				
5. Crataegus spp.	subcanopy	FAC	13.				
6. Fragaria virginiana	herbaceous	FAC-	14.				
7. Solidago canadensis	herbaceous	FACU	15.				
8. Dipsacus sylvestris	herbaceous	UPL	16.				
(excluding FAC-) Remarks: DOMINANCE (OF NON-HYDROPHYT	IC VEGETA	TION.	37.5%			
HYDROLOGY				Wetland Hydrol	logy Indicators		
	m, Lake, or Tide Gauge al Photographs r			Primary Indicators Indicators S V S S	nundated laturated in Upper l Vater Marks Drift Lines lediment Deposits Drainage Patterns in		
Field Observations:			•		J		
Depth of Surface Water:	none (in	1.)			Oxidized Root Char	nnels in Upper 12 in	ches
Depth to Free Water in P	Pit: >20 (in	1.)		L	Vater-Stained Leave Local Soil Survey D		
Depth to Saturated Soil:	>20 (in	1.)		_	FAC-Neutral Test Other (Explain in Ro	emarks)	
Remarks: ABSENCE OF I	HYDROLOGY INDICAT	ΓORS.					

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Project/Site: Shovel Ready Site Plot ID T1P74 Page 2 of 2

SOILS							
Map Unit Name (Series and Phase):			Drainage Class:	Drainage Class: moderately well			
Гахопоту (Subgroup):	Ту	pic Hapludalfs	Field Observations Confirm	Field Observations Confirm Mapped Type? Yes			
Profile Description:							
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.		
0-3	1	10YR 3/2					
3-8	2	10YR 5/3	10YR 4/6				
8-12	3	10YR 5/2	10YR 4/6				
			· ·				
Hydric Soil Indicators:							
x	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regi Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conter Organic Streaking in Listed on Local Hyde Listed on National H Other (Explain in Re	ric Soils List ydric Soils List	Sandy Soils		
Remarks: PRESENC	CE OF HYDRIC S	OIL INDICATORS.					
WETLAND DETERMINA	ATION						
Hydrophytic Vegetatic Wetland Hydrology Pr	on Present?	No No					
Hydric Soils Present?		<u>Yes</u>	Is this Sampling Point V	of thin a Wetland?	No		
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION AN	D HYDROLOG	Y INDICATORS.		

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jenn	nifer Manning		- - -	Date: County: State:	
			Yes No Yes No Yes No	- 1	Community ID: SE Transect ID: Plot ID:	ECTION XIX: Excavated Pond T1 T1P75
VEGETATION						
	Plant Species	Stratum	Indicator		Dominant Plant Species	
1				9.		
2				10.		
3				11.		
4				12.		
5				13.		
ó				14.		
!				15.		
Remarks: NO VEC	GETATION WITH	IN OHWM.				
IYDROLOGY						
Recorded Data X No Recorded D	(Describe in Remarks): Stream, Lake, or Tid Aerial Photographs Other Data Available	ide Gauge			Water Marks Drift Lines Sediment De	Upper 12 Inches s eposits
Field Observations:						atterns in Wetlands
	ce Water:	48-72 (in	1.)			oot Channels in Upper 12 inches
Depth of Surface		0 (in	1.)		Water-Staine Local Soil S	
Depth of Surface Depth to Free V	Vater in Pit:	(II	'/	1		
•	-	0 (in			FAC-Neutra Other (Expla	al Test ain in Remarks)

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Project/Site: Shovel Ready Site Plot ID T1P75 Page 2 of 2

(Series and Phase):	Morley soils Drainage Class:		moderately well drained		
axonomy (Subgroup):	Туг	oic Hapludalfs	Field Observations Confirm	n Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Conf	trast	Texture, Structure Concretions, etc.
0-3	1	10YR 4/1			
3-6	2	10YR 4/1	10YR 4/6		
6-12	3	10YR 5/3	10YR 4/6		
Hydric Soil Indicators	:				
	Histosol		Concretions High Organic Content	in Surface Layer in S	
x	Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron		Organic Streaking in S Listed on Local Hydri Listed on National Hy Other (Explain in Rer	c Soils List dric Soils List	sandy Solis
·	Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron	na Colors	Organic Streaking in S Listed on Local Hydri Listed on National Hy	c Soils List dric Soils List	sandy Soiis
·	Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron	na Colors	Organic Streaking in S Listed on Local Hydri Listed on National Hy	c Soils List dric Soils List	sandy Soiis
·	Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron	na Colors	Organic Streaking in S Listed on Local Hydri Listed on National Hy	c Soils List dric Soils List	sandy Soils
Remarks: ABSENCE	Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron E OF HYDRIC SO	na Colors	Organic Streaking in S Listed on Local Hydri Listed on National Hy	c Soils List dric Soils List	sandy Soils

(1987 COE Wetlands Delineation Manual)

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jen	nifer Manning			Date: County: State:	Allen Cou	ınty	
			Yes N Yes N Yes N	О	Community ID: Transect ID: Plot ID:	a broke	Agricultural Field en drainage tile T2 T2P1	with
VEGETATION Dominant Plant	Chaoing	Ctentum	Indicator		Dominant Plant	Canaina	Ctratum	Indicator
Dominant Pla	ant Species	Stratum			Dominant Plant		Stratum	Indicator
1. <u>Alliaria petiolata</u>		herbaceous	<u>FAC</u>	9.				
2				10.				
3				11.				
4				12.				
5.								
6				14.				
7				15.				
8				16.				
Percent of Dominant Speci (excluding FAC-) Remarks: DOMINA			GETATION.		100.0%			
HYDROLOGY								
					Wetland Hydrolog	y Indicators		
Recorded Data (I	Describe in Remarks): Stream, Lake, or Ti Aerial Photographs Other tta Available	de Gauge			Satu Wat Drif Sedi	ndated urated in Upper 12 ter Marks ft Lines iment Deposits inage Patterns in W		
Field Observations:					Secondary Indicators	(2 or more required	<i>4)</i>	
Depth of Surface	Water:	none (in	ı.)		Oxio	dized Root Channe	els in Upper 12 inc	ches
Depth to Free Wa	ater in Pit:	>20 (in	ı.)			ter-Stained Leaves al Soil Survey Data		
Depth to Saturate	ed Soil:	>20 (in	ı.)			C-Neutral Test er (Explain in Rem	narks)	
Remarks: ABSENCI	E OE HADBUI (OCV INDICAT	rope					
Remarks. Adoline	E OF HIDROLC	JUI INDICAT	IOKS.					

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Project/Site: Shovel Ready Site Plot ID T2P1 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):		orley silt loam		moderately well drained	
Taxonomy (Subgroup):	Туј	pic Hapludalfs	Field Observations Confirm Mapp	ed Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast		Texture, Structure, Concretions, etc.
0-24	1	10YR 4/2			
		-			
	-				
Hydric Soil Indicators	·				
Hydric 30th marcators			~		
<u> </u>	Histosol Histic Epipedon		Concretions High Organic Content in Sur		ndy Soils
_	Sulfidic Odor Aquic Moisture Regi	ma	Organic Streaking in Sandy S Listed on Local Hydric Soils		
_	Reducing Conditions		Listed on National Hydric Sons		
_	Gleyed or Low-Chron		Other (Explain in Remarks)		
Remarks: ABSENC	E OF HYDRIC SO	OIL INDICATORS.			
WETLAND DETERMINA	ATION				
Hydrophytic Vegetation Wetland Hydrology P.		Yes No			
Hydric Soils Present?	resent.	No	Is this Sampling Point Within a	Wetland?	No
Remarks: NON-WE	TLAND BASED C	ON ABSENCE OF POSI	TIVE HYDROLOGY AND SOII	L INDICATO	DRS.
i					

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Page 1 of 2

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Je				Date: County: State:	Allen Cour	nty		
Is the site significant Is the area a potential	Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)						djacent to broken T2 T2P2	tile	
EGETATION Dominant Di	1 (0	Sttum	T 1:ton		Diont Dlont	10 100	Chartan	T Ji ootor	
Dominant Pl	•	Stratum	Indicator	0	Dominant Plant		Stratum	Indicator	
			FAC-						
2. Prunus serotina		subcanopy	_FACU_		-				
3. Rubus occidentalis		subcanopy	FACU	11.					
4. Alliaria petiolata		herbaceous	FAC	12.					
5. Bromus intermis		herbaceous	UPL	13.					
6. Daucus carota		herbaceous	FACU	14.					
1				15.					
3.									
demarks: DOMINA	NCE OF NON-	HYDROPHYTI	C VEGETA	ΠΟΝ.					
YDROLOGY					TYY 1 1TI-Junios	Y 11 4			
					Wetland Hydrology Indicators				
Recorded Data (Describe in Remarks Stream, Lake, or T	<i>'</i>			Primary Indicators Inundated				
_	Aerial Photograph Other					urated in Upper 12 I ter Marks	Ínches		
X No Recorded Da					Drif	ft Lines			
				\dashv		iment Deposits inage Patterns in W	etlands		
Field Observations:					Secondary Indicators				
Depth of Surface	e Water:	none (in	1.)		Oxio	dized Root Channel ter-Stained Leaves		ches	
Depth to Free Water in Pit: >20 (in.)			ı.)		Loca	al Soil Survey Data			
Dopar to Ties	Depth to Saturated Soil: >20 (in.)					C-Neutral Test			
•	ed Soil:	>20 (in	1.)		Oth	er (Explain in Rema	arks)		

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Project/Site: Shovel Ready Site Plot ID T2P2 Page 2 of 2

SOILS							
Map Unit Name (Series and Phase):	M	orley silt loam	Drainage Class:	l drained			
Taxonomy (Subgroup):	Ту	pic Hapludalfs	Field Observations Confi	rm Mapped Type?	Yes No		
Profile Description:							
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.		
0-12	1	10YR 4/3					
			-				
		-	<u> </u>				
Hydric Soil Indicators							
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regi Reducing Conditions Gleyed or Low-Chro	}	Concretions High Organic Conte Organic Streaking i Listed on Local Hyd Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils		
Remarks: ABSENC	E OF HYDRIC SO	DIL INDICATORS.					
WETLAND DETERMINA	ATION						
Hydrophytic Vegetatic Wetland Hydrology Pr Hydric Soils Present?		No No No	Is this Sampling Point	Within a Wetland?	No		
Remarks: NON-WE	TLAND BASED	ON ABSENCE OF POS	SITIVE VEGETATION, H	YDROLOGY, AN	ID SOIL INDICATOR		

							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 20	006	
Applicant/Owner:	Allen County				County:			
Investigators:	Annie White & Jer	nnifer Manning			State:			
					_			
Is the site significan	stances exist on the sit atly disturbed (Atypica		Yes	No No	Community ID:		cultural Field	
Is the area a potentia			Yes	No	Transect ID:		T2	
(If needed, explain of	on reverse.)				Plot ID:		T2P3	
VEGETATION								
Dominant P	Plant Species	Stratum	Indicator		Dominant Plan	t Species	Stratum	Indicator
1. Capsella bursa-pasto	ris	herbaceous	FAC-	9.				
2. Avena sativa		herbaceous	FACU	10				
3				11.	•			
4				12.	•			
5				13.	-			
6				14.	•			
7				15.	·			
8				16.				
Percent of Dominant Spec (excluding FAC-)			I CAN COMMAND		0.0%			
Remarks: DOMINA	ANCE OF NON-I	HYDROPHYT	IC VEGETA	TION.				
HYDROLOGY								
					Wetland Hydrolog	gy Indicators		
Recorded Data	(Describe in Remarks)).			Primary Indicators			
Ttocordod Data	Stream, Lake, or T				-	ındated		
_	Aerial Photographs					urated in Upper 12	Inches	
_	Other					nter Marks		
X No Recorded Da	ata Available				Dri	ift Lines		
					Sec	diment Deposits		
					Dra	ainage Patterns in V	Vetlands	
Field Observations:					C1 I1:	(2	٦٠,	
Depth of Surfac	o Water	none (in	.)		Secondary Indicators	(2 or more required idized Root Channel		chae
Depui of Surfac	e water.	none (iii	1.)			ater-Stained Leaves		nes
Depth to Free W	Vater in Pit:	>20 (in	1.)			cal Soil Survey Data		
		`	,			C-Neutral Test		
Depth to Satura	ted Soil:	>20 (in	ı.)		Oth	ner (Explain in Rem	narks)	
Remarks: ABSENC	E OF HYDROL	OGY INDICAT	ΓORS.			-	-	

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Project/Site: Shovel Ready Site Plot ID T2P3 Page 2 of 2

SOILS								
Map Unit Name (Series and Phase):	Me	orley silt loam	Drainage Class: moderately well drained					
Taxonomy (Subgroup):	Ту	pic Hapludalfs	Field Observations Confi	rm Mapped Type?	Yes No			
Profile Description:								
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.			
0-4	1	10YR 4/2						
4-12	2	10YR 4/2-5/2	10YR 5/6	<u> </u>				
Hydric Soil Indicators								
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regi Reducing Conditions		Organic Streaking in Listed on Local Hyd	Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List				
_	Gleyed or Low-Chron		Other (Explain in R					
Remarks: ABSENC	E OF HYDRIC SO	OIL INDICATORS.						
WETLAND DETERMINA	ATION							
Hydrophytic Vegetatio Wetland Hydrology Pr Hydric Soils Present?		No No No	Is this Sampling Point	Within a Wetland?	No			
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION, H	YDROLOGY, AN	ND SOIL INDICATORS			

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Page 1 of 2

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jennifer Manning					Date: County: State:	April 6 Allen 0 Indi	County	
Is the site significantly Is the area a potential	Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)						Community ID: Grassy waterway in Agricultural Field Transect ID: T2 Plot ID: T2P4		
VEGETATION									
Dominant Pla	nt Species	Stratum	Indicator		-	Dominant Pla		Stratum	Indicator
1. Bromus intermis		herbaceous	UPL		9				
2. Poa pratensis		herbaceous	FAC-	1	0				
3. <u>Trifolium repens</u>		herbaceous	FACU	1	1				
4. Daucus carota		herbaceous	FACU	1	2				
5. Elymus virginicus		herbaceous	FACW-	1	3				
6				1	4				
7				1	5				
8									
Remarks: DOMINAN	NCE OF NON-H	YDROPHYT	IC VEGET.	ATION.	,				
HYDROLOGY						W 1 1 1 1 1 1	T 1'		
Recorded Data (D X No Recorded Data	Describe in Remarks): _Stream, Lake, or Tid_ _Aerial Photographs _Other a Available					Scale Scale	aundated aturated in Upper /ater Marks rift Lines ediment Deposits rainage Patterns i		
Field Observations:					-		_		
Depth of Surface Water: none (in.)					Secondary Indicator O		ired) nnels in Upper 12 ii	nches	
Depth to Free Water in Pit: >20 (in.)				-		/ater-Stained Leav ocal Soil Survey I			
Depth to Saturated	d Soil:	>20 (in	ı.)		-	_	AC-Neutral Test ther (Explain in R	Remarks)	
Remarks: ABSENCE	E OF HYDROLC	GY INDICAT	TORS.						

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Project/Site: Shovel Ready Site Plot ID T2P4 Page 2 of 2

SOILS									
Map Unit Name (Series and Phase):	Мо	rley silt loam	Drainage Class:	moderately well drained					
Taxonomy (Subgroup):	Тур	ic Hapludalfs	Field Observations Confi	Field Observations Confirm Mapped Type? Yes No					
Profile Description:									
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co		Texture, Structure, Concretions, etc.				
0-16	1	10YR 4/2							
TI L' C-il I-di									
Hydric Soil Indicators:	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chrom	na Colors	Concretions High Organic Conte Organic Streaking i Listed on Local Hy Listed on National I Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils				
Remarks: ABSENC	E OF HYDRIC SO	IL INDICATORS.							
WETLAND DETERMINA	ATION								
Hydrophytic Vegetatio Wetland Hydrology Pr Hydric Soils Present?		No No No	Is this Sampling Point	Within a Wetland?	No				
Remarks: NON-WE	TLAND BASED C	N ABSENCE OF POS	ITIVE VEGETATION, H	IYDROLOGY, AN	D SOIL INDICATOR				

Is the site significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Area? Yes No Transect ID:				
Applicant/Owner: Investigators: Allen County Annie White & Jennifer Manning Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) VEGETATION VEGETATION Dominant Plant Species Stratum Indicator Dominant Plant Species 1. Avena sativa herbaceous FACU 9. 2. 10. 3. 11. 4. 12. 5. 13. 6. 14. 7. 15.	ntty Iltural Field T2 T2P5			
Investigators: Annie White & Jennifer Manning Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) VEGETATION Tominant Plant Species Stratum Indicator Dominant Plant Species 1. Avena sativa herbaceous FACU 9. 2. 10. 3. 11. 4. 12. 5. 13. 6. 14. 7. 15.	nltural Field T2 T2P5			
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) Transect ID: Plot ID: Plot ID:	T2 T2P5			
Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) Transect ID:	T2 T2P5			
Is the area a potential Problem Area? (If needed, explain on reverse.) Yes No Transect ID:	T2P5			
Plot ID: Plot ID:	T2P5			
Dominant Plant Species Stratum Indicator Dominant Plant Species				
Dominant Plant Species Stratum Indicator Dominant Plant Species 1. Avena sativa herbaceous FACU 9. 2. 10. 3. 11. 4. 12. 5. 13. 6. 14. 7. 15.	Stratum Indicator			
Dominant Plant Species Stratum Indicator Dominant Plant Species 1. Avena sativa herbaceous FACU 9. 2. 10. 3. 11. 4. 12. 5. 13. 6. 14. 7. 15.	Stratum Indicator			
1. Avena sativa herbaceous FACU 9. 2. 10. 3. 11. 4. 12. 5. 13. 6. 14. 7. 15.	Suaum mucator			
2. 10. 3. 11. 4. 12. 5. 13. 6. 14. 7. 15.				
3. 11. 4. 12. 5. 13. 6. 14. 7. 15.				
3. 11. 4. 12. 5. 13. 6. 14. 7. 15.				
4. 12. 5. 13. 6. 14. 7. 15.				
4. 12. 5. 13. 6. 14. 7. 15.				
5. 13. 6. 14. 7. 15.				
6				
6				
7 15				
8.				
Percent of Dominant Species that are OBL, FACW or FAC				
(excluding FAC-) 0.0%				
Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION.				
CHIGHS. DOMINATED OF HOWHIDROTHI HE ADDITITION.				
IYDROLOGY				
Wetland Hydrology Indicators				
,				
Recorded Data (Describe in Remarks): Primary Indicators				
Stream, Lake, or Tide GaugeInundated				
	Saturated in Upper 12 Inches			
Other Water Marks				
X No Recorded Data Available Drift Lines				
Sediment Deposits				
Field Observations: Drainage Patterns in Wo	etlands			
Secondary Indicators (2 or more required))			
Depth of Surface Water: none (in.) Oxidized Root Channel				
Water-Stained Leaves	••			
Depth to Free Water in Pit: >20 (in.) Local Soil Survey Data				
FAC-Neutral Test	1.			
Depth to Saturated Soil: >20 (in.) Other (Explain in Rema	rks)			
Remarks: ABSENCE OF HYDROLOGY INDICATORS.				
tellaris. Abblived of Hibrologi Indications.				

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Project/Site: Shovel Ready Site Plot ID T2P5 Page 2 of 2

Axonomy (Subgroup): Typic Hapludalfs Field of Profile Description: Depth		exture, Structure
Depth (inches) Horizon Matrix Color (Munsell Moist) 0-8 1 10YR 4/3 8-12 2 10YR 5/2	Abundance/Contrast C	
(inches) Horizon (Munsell Moist) 0-8 1 10YR 4/3 8-12 2 10YR 5/2	Abundance/Contrast C	
8-12 2 10YR 5/2	10YR 4/4	
	10YR 4/4	
Hydric Soil Indicators:		
Sulfidic Odor Aquic Moisture Regime Reducing Conditions	High Organic Content in Surface Layer in Sandy So Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)	ils
Hydrophytic Vegetation Present? Wetland Hydrology Present? Hydric Soils Present? Yes Is the	his Sampling Point Within a Wetland?	No
emarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEG	GETATION AND HYDROLOGY INDI	CATORS.

Project/Site: Application State (County) Application (State County) Annie Wilste & Jeunifer Manning Do Normal Circumstances exist on the site? 15 the site significantly disturbed (Asyrical Situation)? 15 the site site significantly disturbed (Asyrical Situation)? 15 the area a potential Problem Area? (If needed, explain on reverse.) Plot (D: T2) Flot (Page 1 of 2	
Applicant/Owner: Allen County Investigators: Allen County Investigators: Allen County Investigators: Allen County State: Indiana Do Normal Circumstances exist on the site? Do Normal Circumstances exist on the site? Is the airs significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Acea? (If needed, explain on reverse.) FEGETATION FEGETATION Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator 1. Avena sarifre berbaceous FACU 9. 2. Constrium visconom berbaceous FACU 10. 12. 5. 6. 11. 12. 13. 6. 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) (excluding FAC-) Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. FINANCE Of The County of the County	Project/Site:	Shovel Ready Site				Date:	April 6 20	006	
Do Normal Circumstances exist on the site? Yes No State Indiana									
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Sinution)? Is the area a potential Problem Area? (If needed, explain on reverse.) Factor Factor Factor Factor			nnifer Manning						
Is the size significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) Transect ID	investigators.	1111110 1111111111111111111111111111111	mirer manning					<u> </u>	
Second S						Community ID:	Agric	ultural Field	
Plot ID: T2P6	-		d Situation)?						
EGETATION Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator FACU 9. 2. Cervastium viscosum herbaceous FACU 10. 3. 11. 4. 12. 5. 6. 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FACW) Exercent of Dominant Species that are OBL, FACW or FAC (excluding FACW) Exercent of Dominant Species that are OBL, FACW or F				Yes	No				
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Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator						•			
1. Avena sativa herbaceous FACU 9. 2. Cerastium viscosium herbaceous FACU 10. 3.		N . G .	- Ci	T 1'		D ' DI	g :		T 1'
2. Cerastium viscosum herbaceous FACU 10. 3	Dominant I	lant Species	Stratum	Indicator	-	Dominant Plant	Species	Stratum	Indicator
2. Cerastium viscosum	1. Avena sativa		herbaceous	FACU	Ģ).			
11			<u> </u>	-	_				
12	2. Cerastium viscosum		herbaceous	FACU	10)			
12. 13. 14. 15. 16. 17. 18. 19. 19. 19. 19. 19. 19. 19	,				1.1				
13. 14. 15. 16. 16.	o				. 11				
13. 14. 15. 16. 16. 16. 16	1.				12	2.			
14				-					
The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or FAC excluding FAC-) The content of Dominant Species that are OBL, FACW or	5		<u> </u>		. 13	3			
7	6				1/				
Recorded Data (Describe in Remarks): Recorded Data (Describe in Remar	u				. 1-	··			
Recorded Data (Describe in Remarks): Recorded Data (Describe in Remar	7.				15	5.			
emarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. Primary Indicators					-			·	
emarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. PARCORD Wetland Hydrology Indicators Primary Indicators Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. Wetland Hydrology Indicators Primary Indicators Saturated in Upper 12 Inches Saturated in Upper 12 Inches Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	8				16	ó			
Wetland Hydrology Indicators		ANCE OF NON-I	HYDROPHYT	IC VEGET	ATION	0.0%			
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Primary Indicators Inundated Saturated in Upper 12 Inches Sediment Deposits Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	cinarks. Down v	AIVEL OF NOIV-I	TIDKOTITI	ic veget	ATION.				
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Stream, Lake, or Tide Gauge Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	YDROLOGY								
Stream, Lake, or Tide Gauge Aerial Photographs Other Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: >20 (in.) Other (Explain in Remarks)						Wetland Hydrolog	y Indicators		
Stream, Lake, or Tide Gauge Aerial Photographs Other Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: >20 (in.) Other (Explain in Remarks)	Recorded Data	(Describe in Remarks)):			Primary Indicators			
Other X No Recorded Data Available Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)						•	ndated		
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Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: >20 (in.) Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)									
Drainage Patterns in Wetlands	X No Recorded D	ata Available							
Field Observations: Depth of Surface Water: none (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Depth to Saturated Soil: >20 (in.) Other (Explain in Remarks)									
Depth of Surface Water: Depth of Free Water in Pit: Depth to Saturated Soil: Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches	Field Observations:					Dra	inage Patterns in W	/etlands	
Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Oxidized Root Channels in Upper 12 inches	ricid Observations.					Secondary Indicators	(2 or more required	d)	
Depth to Free Water in Pit: Depth to Free Water in Pit: >20 (in.) Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks) Other (Explain in Remarks)	Depth of Surfac	ce Water:	none (in	n.)					ches
Depth to Saturated Soil: Solution	•			,				**	
Depth to Saturated Soil: S20 (in.) Other (Explain in Remarks)	Depth to Free V	Vater in Pit:	>20 (in	n.)				ì	
Remarks: ABSENCE OF HYDROLOGY INDICATORS.	Depth to Satura	ited Soil:	>20 (in	1.)		Oth	er (Explain in Rem	arks)	
elliaiks. Absence of htdrologi indicators.	amorta ADCENO	TE OF HVDDOL	OCY INDICAT	TODC					-
	Remarks: Absenc	LE OF HYDROLO	OG I INDICA	IUKS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T2P6 Page 2 of 2

SOILS								
Map Unit Name (Series and Phase):	Mı	orley silt loam	Drainage Class:	moderately wel	l drained			
Taxonomy (Subgroup):	Туј	pic Hapludalfs	Field Observations Confirm Mapped Type? Yes No					
Profile Description:								
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co		Texture, Structure, Concretions, etc.			
0-10	1	10YR 4/3						
>10	2	10YR 5/3	10YR 5/6	6				
			· ———					
Hydric Soil Indicators:	:							
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chror	s ma Colors	Concretions High Organic Conte Organic Streaking i Listed on Local Hye Listed on National Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils			
Remarks: ABSENC	E OF HYDRIC SC	OIL INDICATORS.						
WETLAND DETERMINA	ATION							
Hydrophytic Vegetatio Wetland Hydrology Pr Hydric Soils Present?		No No No	Is this Sampling Point	Within a Wetland?	No			
Remarks: NON-WE	TLAND BASED	ON ABSENCE OF POS	ITIVE VEGETATION, H	YDROLOGY, AN	ND SOIL INDICATOR			

(1987 COE Wetlands Delineation Manual) Page 1 of 2 Date: Project/Site: Shovel Ready Site April 6, 2006 Applicant/Owner: Allen County County: Allen County Investigators: Annie White & Jennifer Manning State: Indiana Community ID: Agricultural Field Do Normal Circumstances exist on the site? Yes No Is the site significantly disturbed (Atypical Situation)? Yes No Transect ID: Is the area a potential Problem Area? No Yes (If needed, explain on reverse.) Plot ID: VEGETATION Dominant Plant Species Dominant Plant Species Indicator Stratum Stratum Indicator FACU herbaceous Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0% Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION. HYDROLOGY Wetland Hydrology Indicators Recorded Data (Describe in Remarks): Primary Indicators Stream, Lake, or Tide Gauge Inundated ___Aerial Photographs Saturated in Upper 12 Inches Other Water Marks X No Recorded Data Available Drift Lines Sediment Deposits Drainage Patterns in Wetlands Field Observations: Secondary Indicators (2 or more required) Depth of Surface Water: none (in.) Oxidized Root Channels in Upper 12 inches

>20 (in.)

>20 (in.)

Depth to Free Water in Pit:

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

Depth to Saturated Soil:

Water-Stained Leaves

Local Soil Survey Data
FAC-Neutral Test

Other (Explain in Remarks)

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P1 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	Mo	orley silt loam	Drainage Class:	ll drained	
Taxonomy (Subgroup):	Туј	oic Hapludalfs	Field Observations Confir	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 4/3			
4-12	2	10YR 4/3	10YR 5/6	5	
Hydric Soil Indicators:	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron	na Colors	Concretions High Organic Conte Organic Streaking in Listed on Local Hyd Listed on National F Other (Explain in Re	dric Soils List Hydric Soils List	Sandy Soils
Remarks: ABSENC	E OF HYDRIC SC	OIL INDICATORS.			
WETLAND DETERMINA	TION				
Hydrophytic Vegetatio Wetland Hydrology Pr Hydric Soils Present?		No No No	Is this Sampling Point V	Within a Wetland?	No
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION, H	YDROLOGY, AN	ND SOIL INDICATORS

Project/Site: Applicant/Over: Allen County:								Page 1 of 2	
ApplicantOwner: Investigators: Allen County Investigators: Allen County Investigators: Allen County Investigators: Allen County State: Indiana Do Normal Circumstances exist on the site? Do Normal Circumstances exist on the site? State: Indiana Swale - edge of agricultural field Swale - edge of agricultural field Swale - edge of agricultural field Swale - edge of agricultural field Level Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator Indicator Dominant Plant Species Stratum Indicator Indicator Indicator Dominant Plant Species Stratum Indicator Indicator Indicator Indicator Indicator Indicator Indicator Dominant Plant Species Stratum Indicator	Project/Site:	Shovel Ready Site				Date:	April 6, 20	006	
Investigators: Annie White & Jennifer Manning Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Arara? If needed, explain on reverse.) Ves No Is the area a potential Problem Arara? If needed, explain on reverse. Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator I. Bromus internits Indicator Processory Indicators FACU Indicator FACU Indicator FACU Indicator FACU Indicator FACU Indicator FACU Indicator FACU Indicator FACU Indicator FACU Indicator FACU Indicator Indicator FACU Indicator FACU Indicator FACU Indicator FACU Indicator FACU Indicator Indicator FACU Indicat									
Do Normal Circumstances exist on the site?			nnifer Manning						
Secondary Seco									
Plot ID: T3P2									ld
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator				Yes	No				
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator	(If needed, explain o	on reverse.)				Plot ID:		T3P2	
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator									
Dominant Plant Species Stratum Indicator Dominant Plant Species Stratum Indicator	VEGETATION								
2. Daucus carota herbaceous FACU 10. 3. Fragaria virginiana herbaceous FACU 11. 4. Trifolium repens herbaceous FACU+ 12. 5.		lant Species	Stratum	Indicator		Dominant Pla	nt Species	Stratum	Indicator
2. Daucus carota herbaceous FACU 10. 3. Fragaria virginitana herbaceous FACU 11. 4. Trifolium repens herbaceous FACU 12. 5.				LIBI			_		· · · · · · · · · · · · · · · · · · ·
3. Fragaria virginiana herbaceous FAC 11. 4. Trifolium repens herbaceous FACU+ 12. 5. 13. 6. 14. 7. 15. 8. 16. Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Remarks: Wetland Hydrology Indicators Primary Indicators Primary Indicators Primary Indicators Primary Indicators Primary Indicators Primary Indicators Primary Indicators Science of Daria (Describe in Remarks): Stream, Lake, or Tide Gauge Acrial Photographs Acrial Photographs A No Recorded Data Available Stream, Lake, or Tide Gauge Acrial Photographs Survanta (in Upper 12 Inches) Water Marks Difft Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Sturvey Data FAC-Neutral Test Other (Explain in Remarks)	1. Bromus intermis		herbaceous	UPL	9.				
3. Fragaria virginiana herbaceous FAC- 11. 4. Trifolium repens herbaceous FACU+ 12. 5. 13. 6. 14. 7. 15. 8. 16. 9. 16. 9. 16. 9. 16. 9. 16. 9. 16. 9. 16. 9. 16. 9. 16. 9. 16. 9. 16. 9. 16. 9. 17. 9. 18. 18. 18. 9. 18. 18. 9. 18. 18. 9. 18. 18. 9.	2. Daucus carota		herbaceous	FACU	10				
4. Trifolium repens herbaceous FACU+ 12.	2. Builds curou		nerbaceous	17.00	10.				
13	3. Fragaria virginiana		herbaceous	FAC-	11.				
13	A Trifolium ranges		harbagagus	FACIL	12				
6.	4. Trijotium repens		nerbaceous	TACOT	12.			-	
14.	5				13.				
7									
Remarks: Proport Prop	6		-		14.				
Remarks: Proposition Prop	7.				15.				
ercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) O.0%									
Remarks: Wetland Hydrology Indicators Primary Indicators Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Typed Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Dept	8				16.				
Wetland Hydrology Indicators Primary Indicators Primary Indicators Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20	(excluding FAC-)					0.0%			
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Net rank (in.) Wetland Hydrology Indicators Primary Indicators Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Depth to Saturated Soil: Other (Explain in Remarks)	Cemarks.								
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Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Other Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Recorded Date ((Dagariba in Damarka)	۸.			Deimory Indicators			
Aerial Photographs Other X No Recorded Data Available Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Aerial Photographs Other Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Recorded Data (•	ındated		
Other X No Recorded Data Available Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: Depth to Saturated Soil: O (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)			-					Inches	
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Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Depth to Saturated Soil: Depth of Surface Water: Depth of Surface W	X No Recorded Da	ata Available							
Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Oridized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)									
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Depth to Free Water in Pit: >20 (in.) Local Soil Survey Data FAC-Neutral Test Depth to Saturated Soil: 0 (in.) Other (Explain in Remarks)	Depth of Surface	e Water:	none (in	1.)		-			ches
Depth to Saturated Soil: FAC-Neutral Test									
Depth to Saturated Soil: Other (Explain in Remarks)	Depth to Free W	/ater in Pit:	>20 (in	1.)			•	a	
	Denth to Saturat	tad Soil:	0 (ir	n)				arke)	
Remarks: PRESENCE OF HYDROLOGY INDICATORS.	Depui to Saturat	.eu Son.	(III	1.)		0	nei (Expiani in Ken	iaiks)	
Achimaks. TRESELVED OF TITBROLOGY INDICATIONS.	Remarks: PRESEN	CE OF HYDROI	OGY INDICA	TORS					
	Kemarks. TRESEIV	CL OI IIIDROI	2001 INDICE	HORD.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P2 Page 2 of 2

Map Unit Name (Series and Phase):	Blou	nt Silt loam	Drainage Class:	Class: moderately well drained		rainage Class: moderately well drained	
axonomy (Subgroup):	Aeric	Ochraqualfs	Field Observations Confirm	n Mapped Type?	Yes No		
Profile Description:							
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cor	ntrast	Texture, Structur Concretions, etc		
0-6	1	10YR 3/2					
6-12	2	10YR 3/2	10YR 4/4				
emarks: PRESENC	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Gleyed or Low-Chroma	a Colors	Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)				
emars. Presenc	E OF HIDRIC SO	IL INDICATORS.					
ETLAND DETERMINAT	ΓΙΟΝ						
Hydrophytic Vegetation Wetland Hydrology Pre Hydric Soils Present?		No Yes Yes	Is this Sampling Point V	Vithin a Wetland?	No		
			TIVE VEGETATION IND				

Project/Site: Sheef Ready Site Application Owner: Application Ow						1		Page 1 of 2	
ApplicantOwner: Allen County Investigators: Allen County Investigators: Allen County State: Indiana Do Normal Circumstances exist on the site? Indiana Connty: Allen County State: Indiana Community ID: Swale in Agricultural Field Indicator Transect ID: T3 Flot ID: T3P3 FLOT ID: T3P1	Project/Site:	Shovel Ready Site			ļ	Date:	April 6, 20)06	
Depth of Sutural Concession of the State State Indiana									
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.) Community ID:			nnifer Manning						
See his significantly disturbed (Atpyical Situation)? Yes No Transect ID:									
Table area potential Problem Area? (If needed, explain on reverse.) Table area potential Problem Area? (If needed, explain on reverse.) Table area potential Problem Area? (If needed, explain on reverse.) Table area potential Problem Area? (If needed, explain on reverse.) Table area potential Problem Area? Table area potential Problem Area potential Problem	Do Normal Circum	stances exist on the sit	te ⁹	Yes	No	Community ID:	Swale in A	Agricultural Field	
Plot ID: T3P3 T3P3 T3P3 T3P3 T3P3 T3P3 T3P3 T3P3 T3P							Sware III 1	Igriculturur 1 leiu	
EGETATION	_			Yes	No	Transect ID:			
Dominant Plant Species Stratum Indicator	(If needed, explain	on reverse.)				Plot ID:		T3P3	
Dominant Plant Species Stratum Indicator									
Dominant Plant Species Stratum Indicator	/EGETATION								
2.		Plant Species	Stratum	Indicator		Dominant Plant	Species	Stratum	Indicator
2.		-							
11.	1. Avena sativa		herbaceous	FACU	9.				
11.	2				10				
12	<i>ــــــــــــــــــــــــــــــــــــ</i>				10.				
12	3		_		11.				
5									
14. 15. 16. 18. 16. 19. 18. 19.	4				12.				
14. 15. 16. 18. 16. 19. 18. 19.	5				13				
7					15.				
7	6				14.				
8									
ercent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) Cemarks:	7				15.		 ,		
ercent of Dominant Species that are OBL, FACW or FAC excluding FAC-) Dominant Species that are OBL, FACW or FAC excluding FAC-) Demarks: O.0%	8				16				
Remarks: Wetland Hydrology Indicators Primary Indicators Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Titles Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: O.0% Wetland Hydrology Indicators Primary Indicators Inundated X Saturated in Upper 12 Inches X Sediment Deposits Dorift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Saturated Soil: O (in.) Depth to Saturated Soil: O (in.) Other (Explain in Remarks)	·				10.				
Wetland Hydrology Indicators Primary Indicators Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) EAC-Neutral Test Other (Explain in Remarks) Other (Explain in Remarks)	(excluding FAC-)	cies that are OBE, 1740				0.0%			
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Metland Hydrology Indicators Primary Indicators X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	temarks:								
Recorded Data (Describe in Remarks): Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Depth to Saturated Soil: Metland Hydrology Indicators Primary Indicators X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	YDROLOGY								
Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Other Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	TENGEGGI					Wetland Hydrolog	y Indicators		
Stream, Lake, or Tide Gauge Aerial Photographs Other X No Recorded Data Available Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Other Inundated X Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)							•		
Aerial Photographs Other X No Recorded Data Available Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: 0 (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Recorded Data	,				-			
Other X No Recorded Data Available Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: 0 (in.) Oxidized Root Channels in Upper 12 inches FAC-Neutral Test Other (Explain in Remarks)	_		-						
X No Recorded Data Available Drift Lines Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: 0 (in.) Oxidized Root Channels in Upper 12 inches FAC-Neutral Test Other (Explain in Remarks)	_		S					Inches	
Sediment Deposits Drainage Patterns in Wetlands Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Depth to Free Water in Pit: >20 (in.) Depth to Saturated Soil: 0 (in.) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	X No Recorded Γ								
Field Observations: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Secondary Indicators (2 or more required) Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	No Recorded D	rata Mvanabie							
Depth of Surface Water: Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)								/etlands	
Depth of Surface Water: Depth to Free Water in Pit: Depth to Saturated Soil: Oxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)	Field Observations:								
Depth to Free Water in Pit: Depth to Free Water in Pit: >20						•		*	
Depth to Free Water in Pit: >20 (in.) Local Soil Survey Data FAC-Neutral Test Depth to Saturated Soil: 0 (in.) Other (Explain in Remarks)	Depth of Surface	ce Water:	none (in	1.)				ls in Upper 12 inc	hes
Depth to Saturated Soil: FAC-Neutral Test	Donth to Eroo V	Noton in Dit.	> 20 (in	•)					
Depth to Saturated Soil: 0 (in.) Other (Explain in Remarks)	Depui to Free v	vater in Fit.	(III	1.)			•	1	
	Depth to Satura	ated Soil:	0 (in	1.)				arks)	
Remarks: PRESENCE OF HYDROLOGY INDICATORS.	•			<i></i>			` .	,	
	Remarks: PRESEN	CE OF HYDROI	LOGY INDICA	TORS.					

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Project/Site: Shovel Ready Site Plot ID T3P3 Page 2 of 2

Profile Description: Depth Matrix Color	moderately well drained ns Confirm Mapped Type? Yes No
Profile Description: Depth Matrix Color	ns Confirm Mapped Type? Yes No
Depth Matrix Color	
*	
(inches) Horizon (Munsell Moist) Abun	Mottle Texture, Structure, dance/Contrast Concretions, etc.
0-6110YR 4/3	
6-12 2 10YR 4/3	10YR 5/6
Sulfidic Odor Organic St Aquic Moisture Regime Listed on I Reducing Conditions Listed on N	nic Content in Surface Layer in Sandy Soils reaking in Sandy Soils .ocal Hydric Soils List Vational Hydric Soils List
Gleyed or Low-Chroma Colors Other (Exp	olain in Remarks)
Remarks: ABSENCE OF HYDRIC SOIL INDICATORS. WETLAND DETERMINATION	
Hydrophytic Vegetation Present? No Wetland Hydrology Present? Yes Hydric Soils Present? No Is this Samplin	ng Point Within a Wetland? No
Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION	ON AND SOIL INDICATORS.

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Page 1 of 2

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Je			<u> </u>	Date: County: State:	Allen Cou	unty	
Is the site significar Is the area a potenti	Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)					Community ID: Agricultural Field Transect ID: T3 Plot ID: T3P4		
/EGETATION								
	Plant Species	Stratum	Indicator	-	Dominant Plant		Stratum	Indicator
1. Avena sativa		herbaceous	FACU	9.				
2				10.				
3				11.				
l				12.				
5				13.				
ó				14.				
1				15.				
								·
ercent of Dominant Spec				16.	0.0%			
ercent of Dominant Spec excluding FAC-)				16.				
ercent of Dominant Spec excluding FAC-) emarks:					0.0%			
ercent of Dominant Spec excluding FAC-) emarks:	(Describe in Remarks Stream, Lake, or T Aerial Photograph	CW or FAC s): Fide Gauge			Wetland Hydrolog Primary Indicators Inum Satu Wat Drift Sedi	ry Indicators Indated Irrated in Upper 12 Irrer Marks It Lines It Lines It Lines It Deposits	2 Inches	
ercent of Dominant Specexcluding FAC-) emarks: YDROLOGY Recorded DataX_No Recorded D	(Describe in Remarks Stream, Lake, or T Aerial Photograph	CW or FAC s): Fide Gauge		-	Wetland Hydrolog Primary Indicators Inum Satu Wat Drift Sedi Drai	ry Indicators Indated Irrated in Upper 12 Irrated Marks It Lines It Lines It Lines It Lines It Lines It Lines It Lines In N	2 Inches Wetlands	
ercent of Dominant Specexcluding FAC-) emarks: YDROLOGY Recorded DataX_No Recorded D	(Describe in Remarks Stream, Lake, or T Aerial Photograph Other Other	CW or FAC s): Fide Gauge		-	Wetland Hydrolog Primary Indicators Inum Satu Wat Driff Sedi Drai	ry Indicators Indated Irrated in Upper 12 Irr	2 Inches Wetlands ed) uels in Upper 12 inc	
ercent of Dominant Specexcluding FAC-) emarks: YDROLOGY Recorded Data X No Recorded D Field Observations:	(Describe in Remarks Stream, Lake, or T Aerial Photograph Other Data Available	CW or FAC s): Tide Gauge	1.)	-	Wetland Hydrolog Primary Indicators Inum Satu Wat Driff Sedi Drai Secondary Indicators (Oxio Wat	ry Indicators Indated Irated in Upper 12 Iver Marks It Lines It L	2 Inches Wetlands ed) tels in Upper 12 inces	
X No Recorded D Field Observations: Depth of Surface	(Describe in Remarks Stream, Lake, or T Aerial Photograph Other Data Available	CW or FAC s): Tide Gauge hs	ı.)	-	Wetland Hydrolog Primary Indicators Inum Satu Wat Driff Sedi Drai Secondary Indicators (Oxio Wat Loca FAC	ry Indicators Indated Irrated in Upper 12 Irr	2 Inches Wetlands ed) sels in Upper 12 inces ta	

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Project/Site: Shovel Ready Site Plot ID T3P4 Page 2 of 2

Map Unit Name Series and Phase):): Morley silt loam		Drainage Class:	moderately well drained		
xonomy (Subgroup):	Тур	oic Hapludalfs	Field Observations Confirm	rvations Confirm Mapped Type? Yes		
Profile Description:						
Depth (inches)	Matrix Color Horizon (Munsell Moist)		Mottle Abundance/Cont	trast	Texture, Structure Concretions, etc.	
0-3	1	10YR 4/3				
3-6	2	10YR 4/3	10YR 5/6			
6-12	3	10YR 5/2	10YR 5/6			
Hydric Soil Indicators:						
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron	na Colors	Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)			
emarks: PRESENC	E OF HYDRIC SO	OIL INDICATORS.				
ETLAND DETERMINA	ATION					
Hydrophytic Vegetatio Wetland Hydrology Pr Hydric Soils Present?		No No Yes	Is this Sampling Point W	ithin a Wetland?	No	
emarks: NON-WET	TLAND BASED O	N ABSENCE OF POSI	TIVE VEGETATION AND	HYDROLOGY	INDICATORS.	

(1987 COE Wetlands Delineation Manual)

Page 1 of 2 April 6, 2006 Allen County Date: County:

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jo			<u> </u>	Date: County: State:			
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)				No	Community ID: Transect ID: Plot ID:	Ag	ricultural Field T3 T3P5	
EGETATION	Dlant Caracian	S44	To disease		Damin and Dia		Strateur	I J: 4 -
	Plant Species	Stratum	Indicator		Dominant Pla	•	Stratum	Indicato
1. Avena sativa		herbaceous	<u>FACU</u>	9.				
2. Triticum aestivum		herbaceous	FACU	10.				
3. Glecoma hederacea		herbaceous	FACU	11.		_		
ł				12.				
5				13.				
5				14.				
7				15.				
8ercent of Dominant Spec				16.	0.0%			
3ercent of Dominant Specexcluding FAC-)	cies that are OBL, FA	ACW or FAC						
ercent of Dominant Spec fexcluding FAC-)	cies that are OBL, FA	ACW or FAC			0.0%			
ercent of Dominant Spece excluding FAC-) emarks: DOMINA	cies that are OBL, FA	ACW or FAC						
ercent of Dominant Specexcluding FAC-) emarks: DOMINA	cies that are OBL, FA	ACW or FAC HYDROPHYTI s):			0.0% Wetland Hydrole Primary Indicators	ogy Indicators		
ercent of Dominant Specexcluding FAC-) temarks: DOMINA	Cies that are OBL, FA	ACW or FAC HYDROPHYTI s): Tide Gauge			0.0% Wetland Hydrole Primary Indicators In Sa	ogy Indicators aundated aturated in Upper		
ercent of Dominant Spec excluding FAC-) Eemarks: DOMINA	(Describe in Remark: Stream, Lake, or Aerial Photograph	ACW or FAC HYDROPHYTI s): Tide Gauge			0.0% Wetland Hydrole Primary Indicators In Sa W	ogy Indicators		
ercent of Dominant Specexcluding FAC-) emarks: DOMINA YDROLOGY Recorded Data	(Describe in Remark: Stream, Lake, or Aerial Photograph	ACW or FAC HYDROPHYTI s): Tide Gauge			Wetland Hydrold Primary Indicators In Si W	ogy Indicators aundated aturated in Upper Vater Marks rift Lines ediment Deposits	12 Inches	
ercent of Dominant Specexcluding FAC-) emarks: DOMINA YDROLOGY Recorded Data X No Recorded D	(Describe in Remark: Stream, Lake, or Aerial Photograph	ACW or FAC HYDROPHYTI s): Tide Gauge		ΓΙΟΝ.	Wetland Hydrole Primary Indicators In Si Wetland For the second of the s	ogy Indicators aundated atturated in Upper Vater Marks rift Lines ediment Deposits rainage Patterns in	12 Inches	
ercent of Dominant Specexcluding FAC-) emarks: DOMINA YDROLOGY Recorded Data X No Recorded D	(Describe in Remark Stream, Lake, or Aerial Photograph Other	ACW or FAC HYDROPHYTI s): Tide Gauge	C VEGETA	ΓΙΟΝ.	Wetland Hydrole Primary Indicators In Si Wetland Frimary Indicators In Si O Secondary Indicators	ogy Indicators aundated aturated in Upper Vater Marks rift Lines ediment Deposits rainage Patterns in	12 Inches	
ercent of Dominant Specexcluding FAC-) Lemarks: DOMINA YDROLOGY Recorded Data X No Recorded D Field Observations:	(Describe in Remark Stream, Lake, or Aerial Photograph Other Tata Available	ACW or FAC HYDROPHYTI s): Tide Gauge hs	C VEGETA	ΓΙΟΝ.	0.0% Wetland Hydrolo Primary Indicators In Sta W D Secondary Indicator O W	ogy Indicators aundated aturated in Upper Vater Marks rift Lines ediment Deposits rainage Patterns in	12 Inches n Wetlands red) nnels in Upper 12 in es	
ercent of Dominant Spec (excluding FAC-) Remarks: DOMINA EYDROLOGY Recorded Data X No Recorded D Field Observations: Depth of Surface	(Describe in Remark Stream, Lake, or Aerial Photograph Other tata Available	ACW or FAC HYDROPHYTI s): Tide Gauge hs	C VEGETA	ΓΙΟΝ.	O.0% Wetland Hydrolo Primary Indicators In Sta W D Secondary Indicator O W L L F	ogy Indicators aundated aturated in Upper later Marks rift Lines ediment Deposits rainage Patterns in rs (2 or more requi xidized Root Char later-Stained Leav	12 Inches n Wetlands red) nnels in Upper 12 in es eata	

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Project/Site: Shovel Ready Site Plot ID T3P5 Page 2 of 2

SOILS						
Map Unit Name (Series and Phase):	Morley silt loam Drainage Class:		Drainage Class:	moderately well drained		
Γaxonomy (Subgroup):	Туг	pic Hapludalfs	Field Observations Confin	rm Mapped Type?	Yes No	
Profile Description:						
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	Mottle Abundance/Contrast		
0-12	1	10YR 4/2	-			
			_			
Hydric Soil Indicators:						
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking in Listed on Local Hyd Listed on National F Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils	
Remarks: ABSENCI	E OF HYDRIC SC	OIL INDICATORS.				
WETLAND DETERMINA	TION					
Hydrophytic Vegetatio Wetland Hydrology Pro Hydric Soils Present?		No No	Is this Sampling Point	Within a Wetland?	No	
Damarke NON-WF	TI AND RASED (ON ARSENCE OF POS	 SITIVE VEGETATION, H		SOIL INDICATO	
Remarks. 11011-112	ILAND DADED	JN ADSENCE OF 1 OS	IIIVE VEOLIATION, II	IDROLOGI, m	ID SOIL INDICATO	

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Project/Site: Applicant/Owner: Investigators:	Shovel Ready Sit Allen County Annie White & J	te Jennifer Manning		<u> </u>	Date: County: State:	Allen Co	ounty	
Is the site significant Is the area a potential	Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)			No No No	Community ID: Transect ID: Plot ID:	-	ray in Agricultural T3 T3P6	Field
VEGETATION Deminent I	D1 -4 Cion	Chrotum	T- di acton		D-minont Blor	· Garatian	Stratum	T dicaton
	Plant Species	Stratum	Indicator		Dominant Plar	•	Stratum	Indicator
1. Avena sativa		herbaceous	FACU					
2. <u>Setaria italica</u>		herbaceous	<u>FACU</u>					
3				11.				
. <u> </u>				12.				
				13.				
ó				14.				
·				15.				
d				16.				
-	cies that are OBL, FA	ACW or FAC			0.0%			
excluding FAC-)			IC VEGETAT	<u></u> ΓΙΟΝ.	0.0%			
(excluding FAC-) Remarks: DOMINA			IC VEGETAT		0.0% Wetland Hydrolo	gy Indicators		
(excluding FAC-) Remarks: DOMINA	ANCE OF NON (Describe in Remark Stream, Lake, or Aerial Photograp Other	I-HYDROPHYTI ks): Tide Gauge	IC VEGETAT		Wetland Hydrolo Primary Indicators Indicators Sat Water Comparison of the Comparison	undated curated in Upper 12 ater Marks ift Lines diment Deposits		
YDROLOGY Recorded Data X No Recorded D	ANCE OF NON (Describe in Remark Stream, Lake, or Aerial Photograp Other	I-HYDROPHYTI ks): Tide Gauge	IC VEGETAT		Wetland Hydrolo Primary Indicators Int x Sai Wa Dr See	undated curated in Upper 12 ater Marks ift Lines diment Deposits ainage Patterns in	Wetlands	
YDROLOGY Recorded Data X No Recorded D	ANCE OF NON (Describe in Remark Stream, Lake, or Aerial Photograp Other Oata Available	I-HYDROPHYTI ks): Tide Gauge			Wetland Hydrolo Primary Indicators Int X Sai Wa Dr Sec Dr	andated curated in Upper 12 ater Marks iff Lines diment Deposits ainage Patterns in	Wetlands	ches
(excluding FAC-) Remarks: DOMINA IYDROLOGY Recorded Data X No Recorded E Field Observations:	ANCE OF NON (Describe in Remark Stream, Lake, or Aerial Photograp Other Data Available	Ks): Tide Gauge	.)		Wetland Hydrolo Primary Indicators Int X Sat Wa Dr Sec Dr Secondary Indicators	andated curated in Upper 12 ater Marks iff Lines diment Deposits ainage Patterns in	Wetlands ed) nels in Upper 12 in s	ches
X No Recorded D Field Observations: Depth of Surface	ANCE OF NON (Describe in Remark Stream, Lake, or Aerial Photograp Other Data Available ce Water:	ks): Tide Gauge	.)		Wetland Hydrolo Primary Indicators Ind X Sal Wa Dr Secondary Indicators Ox Wa Lo FA	andated curated in Upper 12 ater Marks iff Lines diment Deposits ainage Patterns in a (2 or more requiridized Root Chanater-Stained Leave	Wetlands ed) nels in Upper 12 in s sta	ches

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Project/Site: Shovel Ready Site Plot ID T3P6 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):			Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Ту	pic Hapludalfs	Field Observations Confir	Field Observations Confirm Mapped Type?	
Profile Description:					
Depth (inches)	Matrix Color Horizon (Munsell Moist)		Mottle Abundance/Co	ntrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 5/2	10YR 5/6		
Hydric Soil Indicator	s:				
- - - - - -	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regi Reducing Conditions Gleyed or Low-Chron		Concretions High Organic Conte Organic Streaking ir Listed on Local Hyd Listed on National F Other (Explain in Re	ric Soils List lydric Soils List	Sandy Soils
Remarks: PRESEN	CE OF HYDRIC S	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetat Wetland Hydrology I Hydric Soils Present	Present?	No Yes Yes	Is this Sampling Point V	Vithin a Wetland?	No
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	ITIVE VEGETATION INI	DICATORS.	

							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 2	006	
Applicant/Owner:	Allen County				County:			
Investigators:	Annie White & Jeni	nifer Manning			State:		a	
Do Normal Circums	stances exist on the site	:?	Yes	No	Community ID:	Depression i	in Agricultural Fie	·ld
Is the site significan	itly disturbed (Atypical	Situation)?	Yes	No	_			
Is the area a potentia			Yes	No	Transect ID:		T3	
(If needed, explain of	on reverse.)				Plot ID:		T3P7	
VEGETATION								
Dominant P	lant Species	Stratum	Indicator		Dominant Pla	int Species	Stratum	Indicator
1 77 11			FACIL					
1. Triticum aestivum		herbaceous	FACU	9.				
2				10.				
3				11.				
4				12				
··-								
5				13.				
6				14				
0				14.				
7				15.				
8				16.				
Percent of Dominant Spec (excluding FAC-) Remarks: DOMINA Wheat in 2005			IC VEGETA	ATION.	0.0%			
Wheat III 2003								
HYDROLOGY								
ITEROLOGI					Wetland Hydrol	ogy Indicators		
					vi cuara 11) aron	and the second		
Recorded Data ((Describe in Remarks):				Primary Indicators			
_	Stream, Lake, or Tio	-				undated	Tarker	
_	Aerial Photographs Other					aturated in Upper 12 Vater Marks	inches	
X No Recorded Da						rift Lines		
					Se	ediment Deposits		
					D	rainage Patterns in V	Wetlands	
Field Observations:					C	(2	.4.	
Depth of Surfac	e Water:	0 (in	.)			rs (2 or more require xidized Root Chann		ches
Deput of Surfac	- water.	(III)			ater-Stained Leaves	* *	JIICS .
Depth to Free W	/ater in Pit:	>20 (in	1.)			ocal Soil Survey Dat		
	·					AC-Neutral Test		
Depth to Saturat	ted Soil:	(in	ı.)		0	ther (Explain in Ren	narks)	
Remarks: PRESEN	CE OF HVDDOL	OCV INDICA	TODE					
Xelliaiks: PRESEIV	CE OF HIDROL	OGT INDICA	HORS.					

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Project/Site: Shovel Ready Site Plot ID T3P7 Page 2 of 2

Map Unit Name (Series and Phase):	Pewam	o silty clay loam	Drainage Class:	Orainage Class: very poorly drained	
axonomy (Subgroup):	Турі	c Argiaquolls	Field Observations Confirm	Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Cont	trast	Texture, Structure Concretions, etc.
0-6	1	10YR 4/2			
6-12	2	10YR 4/2	10YR 5/6		
emarks: PRESENC	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chrom	a Colors	Concretions High Organic Content Organic Streaking in S Listed on Local Hydri Listed on National Hy Other (Explain in Ren	Sandy Soils to Soils List ordric Soils List	Sandy Soils
emarks. PRESENC	E OF HIDRIC SC	JIL INDICATORS.			
/ETLAND DETERMINA	TION				
Hydrophytic Vegetation Wetland Hydrology Pre		No Yes Yes	Is this Sampling Point W	ithin a Wetland?	No
Hydric Soils Present?					

							Page 1 of 2	
Project/Site:	Shovel Ready Site				Date:	April 6, 200	06	
Applicant/Owner:	Allen County				County:			
Investigators:	Annie White & Jen	nifer Manning			State:			
-								
	stances exist on the site		Yes Yes	No No	Community ID:	Agricu	ıltural Field	
Is the area a potenti	ntly disturbed (Atypical	1 Situation)?	Yes	No	Transect ID:		T3	
(If needed, explain			103	110	Plot ID:		T3P8	
(
/EGETATION	Plant Species	Stratum	Indicator		Dominant Plant	Species	Stratum	Indicator
Dominant F	iant species	Stratum	Huicatoi		Dominant Flant	Species	Stratum	mulcator
1. Triticum aestivum		herbaceous	FACU	9.				
_								
2			-	10.				
3				11.				
								· <u></u>
4				12.				
5				13.				
			-	•		.		
6		,		14.				
7				15				
7				13.				
8				16.				
(excluding FAC-) Remarks: DOMINA	ANCE OF NON-F	HYDROPHYT:	IC VEGETA	ATION.	0.0%			
Wheat in 2005								
IYDROLOGY								
					Wetland Hydrolog	y Indicators		
Decorded Date	(Dagariba in Ramarka)				Drimow, Indiantors			
Recorded Data	(Describe in Remarks): Stream, Lake, or Ti-				Primary Indicators	dated		
	Aerial Photographs	-				rated in Upper 12 I	inches	
	Other					er Marks		
X No Recorded D	ata Available					t Lines		
						ment Deposits		
Field Observations:					Drai	nage Patterns in W	etlands	
ricia Observations.					Secondary Indicators (2 or more required)	
Depth of Surfac	e Water:	none (in	1.)		•	dized Root Channel		ches
	-					er-Stained Leaves		
Depth to Free V	Vater in Pit:	>20 (in	1.)			al Soil Survey Data		
Depth to Satura	atad Sail:	>20 (in	.)			C-Neutral Test er (Explain in Rema	nelsa)	
Depth to Satura	ied Soil.	(III	l. <i>)</i>		Ottle	n (Expiani ili Kema	IIKS)	
Remarks: ABSENC	E OF HYDROLO	OGY INDICAT	TORS.					
temarks. Tibberte	E of HIDROE	JOI II (DICII)	rons.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P8 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):			Drainage Class:	moderately wel	l drained
Taxonomy (Subgroup):	Aer	ic Ochraqualfs	Field Observations Confi	rm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	ontrast	Texture, Structure, Concretions, etc.
0-16	1	10YR 4/3			
>16	2	10YR 4/3	10YR 5/6	6	
<u> </u>					
Hydric Soil Indicators	s:				
 - 	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chror		Concretions High Organic Conte Organic Streaking i Listed on Local Hy Listed on National Other (Explain in R	dric Soils List Hydric Soils List	Sandy Soils
Remarks: ABSENC	CE OF HYDRIC SC	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetati Wetland Hydrology F Hydric Soils Present?	Present?	No No No	Is this Sampling Point	Within a Wetland?	No
Remarks: NON-WI	ETLAND BASED (ON ABSENCE OF POS	 ITIVE VEGETATION, H	YDROLOGY, AN	ND SOIL INDICATO

(1987 COE Wetlands Delineation Manual)

Page 1 of 2

Project/Site: Applicant/Owner: Investigators:	Shovel Ready Site Allen County Annie White & Jen					April 6, 2006 Allen County Indiana	-
			Yes N	No No No	Community ID: Transect ID: Plot ID:	T3	
VEGETATION Description Plansies and Plansies	1 . 0	Stt	T 1'4		D ' at Blant Carrie	Charterin	T 1:
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant Species		Indicator
1. Triticum aestivum		herbaceous	<u>FACU</u>	9.			
2. Zea mays		herbaceous	FACU	10.		<u> </u>	
3				11.			
1				12.			
5		_	_				
5.							
8.				16.			
(excluding FAC-) Remarks: DOMINA	NCE OF NON-F	HYDROPHYTI	IC VEGETAT	ΓΙΟΝ.	0.0%		
YDROLOGY					Wetland Hydrology India	cators	
Recorded Data (I	Describe in Remarks) Stream, Lake, or Ti Aerial Photographs Other ata Available	ide Gauge			Primary Indicators Inundated Saturated in Water Mark Drift Lines Sediment D	n Upper 12 Inches	
Field Observations:							
Depth of Surface	e Water:	none (in	ı.)			oot Channels in Upper 12	inches
Depth to Free Wa	ater in Pit:	>20 (in	1.)		Water-Stain Local Soil S		
Depth to Saturate	ed Soil:	>20 (in	1.)		FAC-Neutra Other (Expl	al Test lain in Remarks)	
Remarks: ABSENCI	E OF HYDROLO	OGY INDICAT	ΓORS.				

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P9 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	Pewamo silty clay loam Typic Argiaquolls		Drainage Class:	very poorly d	rained
Taxonomy (Subgroup):			Field Observations Confirm	Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contr	Mottle Abundance/Contrast	
0-10	1	10YR 3/2	10YR 5/6		
>10	2	10YR 3/2	10YR 5/6		
			- -		
Hydric Soil Indicator	s: Histosol Histic Epipedon Sulfidic Odor		Concretions High Organic Content i Organic Streaking in S		Sandy Soils
	Aquic Moisture Reging Reducing Conditions Gleyed or Low-Chror		Listed on Local Hydric Listed on National Hyd Other (Explain in Rem	Soils List Iric Soils List	
Remarks: PRESEN	CE OF HYDRIC S	OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetati Wetland Hydrology F Hydric Soils Present?	resent?	No No Yes	Is this Sampling Point Wit	thin a Wetland?	No
Remarks: NON-WI	ETLAND BASED (ON ABSENCE OF POS	SITIVE VEGETATION AND	HYDROLOG'	Y INDICATORS.

(1987 COE Wetlands Delineation Manual)

Page 1 of 2

Project/Site:	Shovel Ready Si	te			Date:	April 6, 20		
Applicant/Owner: Investigators:	Allen County Annie White & J	Jennifer Manning			County: State:	Allen Cou Indiana		
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)				No	Community ID: Depression in Agricultural Field Transect ID: T3 Plot ID: T3P10			eld
VEGETATION Dominant P	N Chaning	Ctratum	Indicator		Dominant Plant	C-oring	Ctratum	Indicator
	Plant Species	Stratum	Indicator		Dominant Plant		Stratum	Indicator
1. Triticum aestivum		herbaceous	<u>FACU</u>	9.				
2		_		10.				
				11.				
				12.				
				13.				
i								-
7				15.				
3				16.				
excluding FAC-) Lemarks: DOMINA Wheat in 2005	ANCE OF NON	-HYDROPHYT	IC VEGETA	TION.	0.0%			
YDROLOGY					Wetland Hydrolog	v Indicators		
Recorded Data (X No Recorded Data	(Describe in Remark Stream, Lake, or Aerial Photograp Other ata Available	Tide Gauge			Primary Indicators Inun Satu Wat Drift Sedi	idated rated in Upper 12 er Marks t Lines ment Deposits		
Field Observations:						nage Patterns in W		
Depth of Surfac	e Water:	none (in	1.)		Secondary Indicators (Oxio	2 or more required lized Root Channe	*	ches
Depth to Free W		>20 (in			Wate	er-Stained Leaves al Soil Survey Data		
•		>20 (III	l.)		FAC	C-Neutral Test		
Depth to Saturat	ted Soil:	>20 (in	ı.)		Othe	er (Explain in Rem	ıarks)	
Remarks: ABSENC	E OF HYDRO	LOGY INDICA	ΓORS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P10 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):			Drainage Class:	very poorly d	frained
Taxonomy (Subgroup):	: Typic Argiaquolls		Field Observations Confirm	n Mapped Type?	Yes No
Profile Description:				-	
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Con	ntrast	Texture, Structure, Concretions, etc.
0-10	1	10YR 3/2			
>10	2	10YR 3/2	10YR 5/6		
			-		
Hydric Soil Indicators	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regir Reducing Conditions Gleyed or Low-Chron	ma Colors	Concretions High Organic Conten Organic Streaking in Listed on Local Hydr Listed on National H Other (Explain in Re	ric Soils List Iydric Soils List	Sandy Soils
WETLAND DETERMINA	ATION				
Hydrophytic Vegetatic Wetland Hydrology Pr Hydric Soils Present?	resent?	No No Yes	Is this Sampling Point W	Vithin a Wetland?	<u>No</u>
Remarks: NON-WF	ETLAND BASED (ON ABSENCE OF POS	SITIVE VEGETATION AN	D HYDROLOGY	Y INDICATORS.

								Page 1 of 2	
Project/Site:	Shovel Ready Site					Date:	April 6,	2006	
Applicant/Owner:	Allen County					County:		ounty	
Investigators:	Annie White & Jen	nifer Manning				State:			
-									
Is the site significan	nstances exist on the site		Yes Yes	No No		Community ID:		ricultural Field	
Is the area a potenti (If needed, explain			Yes	No		Transect ID: Plot ID:		T3P11	
(II needed, explain	on reverse.)					Tiot ID.		13111	
VEGETATION									
Dominant I	Plant Species	Stratum	Indicator		_	Dominant Plant	Species	Stratum	Indicator
1. Triticum aestivum		herbaceous	FACU		9				
2. Zea mays		herbaceous	FACU	1	10				
3			-	1	11				
4				1	12				
5				1	13				
6				1	14				
7				1	15				
8				1	16				
(excluding FAC-) Remarks: DOMINA	ANCE OF NON-F	HYDROPHYT	IC VEGET.	ATION.	•	0.0%			
HYDROLOGY									
					V	Wetland Hydrolog	y Indicators		
Recorded Data	(Describe in Remarks):				F	Primary Indicators			
	Stream, Lake, or Tie				•	-	ıdated		
_	Aerial Photographs				-	Satu	rated in Upper	12 Inches	
<u></u>	Other				_	Wat	er Marks		
X No Recorded D	ata Available					Drif	t Lines		
					_		ment Deposits		
E' 11 OL - d'					_	Drai	nage Patterns in	Wetlands	
Field Observations:					c	Secondary Indicators	(2 on more requi	mad)	
Depth of Surface	ce Water:	none (in	1.)		i,	-		nels in Upper 12 inc	hes
Dopui of Burray	_	(III	,		_		er-Stained Leave		
Depth to Free V	Vater in Pit:	>20 (in	n.)				al Soil Survey D		
	·-	<u> </u>					C-Neutral Test		
Depth to Satura	ited Soil:	>20 (in	n.)		_	Othe	er (Explain in Re	emarks)	
Remarks: ABSENC	E OF HYDROLO	OGY INDICAT	ΓORS.	1					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P11 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):	Pewamo silty clay loam Typic Argiaquolls		Drainage Class:	very poorly d	rained
Γaxonomy (Subgroup):			Field Observations Confirm	Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contr	Mottle Abundance/Contrast	
0-6	1	10YR 4/3	10YR 5/6		
>6	2	10YR 6/2	10YR 5/6		
Hydric Soil Indicators	s:				
 	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chror		Concretions High Organic Content i Organic Streaking in Sa Listed on Local Hydric Listed on National Hyd Other (Explain in Rema	andy Soils Soils List ric Soils List	Sandy Soils
		OIL INDICATORS.			
WETLAND DETERMIN	ATION				
Hydrophytic Vegetati Wetland Hydrology F Hydric Soils Present?	Present?	No No Yes	Is this Sampling Point Wit	hin a Wetland?	No
Remarks: NON-WI	ETLAND BASED (ON ABSENCE OF POS	SITIVE VEGETATION AND	HYDROLOGY	Y INDICATORS.

(1987 COE Wetlands Delineation Manual)

Page 1 of 2

Decinat/Cita	Chavel Deady Cit.				Datas	April 6 200)6	
Project/Site: Applicant/Owner:	Shovel Ready Site Allen County	:			Date:	April 6, 200 Allen Coun		
Investigators:	Annie White & Je	nnifer Manning			State:	Indiana		
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)			No	Community ID: Agricultural Field Transect ID: T3 Plot ID: T3P12				
VEGETATION								
Dominant Pla	ant Species	Stratum	Indicator		Dominant Plant Sp	pecies	Stratum	Indicator
1. Triticum aestivum		herbaceous	FACU	9.				
2. Fragaria virginiana		herbaceous	FAC-	10.				
3. Cerastium viscosum		herbaceous	FACU	11.				
4. Daucus carota		herbaceous	FACU	12.				
5				13.				
6.		<u> </u>						
7.								
8.								
(excluding FAC-) Remarks: DOMINA Wheat in 2005	NCE OF NON-	HYDROPHYTI	IC VEGETA	ATION.	0.0%			
HYDROLOGY								
					Wetland Hydrology	Indicators		
Recorded Data (I	Describe in Remarks Stream, Lake, or T Aerial Photograph Other ta Available	Гide Gauge			Water Drift L Sedime	ted in Upper 12 In Marks Lines ent Deposits		
Field Observations:						ige Patterns in We		
Depth of Surface	Water:	none (in	ı.)			ed Root Channel		ches
Depth to Free Wa	ater in Pit:	>20 (in	ı.)		Local	-Stained Leaves Soil Survey Data		
Depth to Saturate	ed Soil:	>20 (in	ı.)			Neutral Test (Explain in Rema	rks)	
DADCENCI	C OE HVDBOL	OCY INDICAT	EODG .					
Remarks: ABSENCI	3 OL UTDKOL	OUI INDICAT	UKS.					

(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P12 Page 2 of 2

SOILS					
Map Unit Name (Series and Phase):			Drainage Class:	moderately well	Il drained
axonomy (Subgroup):	Aer	ric Ochraqualfs	Field Observations Confi	irm Mapped Type?	Yes No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Co	Mottle Abundance/Contrast	
0-3	1	10YR 4/3			
3-6	2	10YR 4/3	10YR 4/4	<u>′4</u>	
>6	3	10YR 4/3-4/2	10YR 4/4	'4	
Remarks: PRESENC	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regin Reducing Conditions Gleyed or Low-Chron	s ma Colors	Concretions High Organic Conte Organic Streaking i Listed on Local Hyd Listed on National I Other (Explain in R	ydric Soils List Hydric Soils List	Sandy Soils
WETLAND DETERMINA	TION				
Hydrophytic Vegetation Wetland Hydrology Pre Hydric Soils Present?	n Present?	No No Yes	Is this Sampling Point	: Within a Wetland?	No
Remarks: NON-WE	TLAND BASED (ON ABSENCE OF POS	SITIVE VEGETATION A	ND HYDROLOG	Y INDICATORS.
Hydric Soils Present?		Yes			

APPENDIX B SITE PHOTOGRAPHS

APPENDIX B SHOVEL READY SITE – ALLEN COUNTY, INDIANA



1. View east of Section II. April 6, 2006.



2. View northeast of Section V. April 6, 2006.



3. View north of the Section VI. April 6, 2006.



4. View north of Section VII. April 6, 2006.

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APPENDIX B SHOVEL READY SITE – ALLEN COUNTY, INDIANA



5. View northeast of Section VIII. April 6, 2006.



6. View south of Section IX. April 6, 2006.



7. View southwest of Section XI. April 6, 2006.



8. View southwest of Section XII. April 6, 2006.

APPENDIX B SHOVEL READY SITE – ALLEN COUNTY, INDIANA



9. View south of Section XIII. April 6, 2006.



10. View south of Section XIV. April 6, 2006.



11. View south of Section XVI. April 6, 2006.



12. View south of Section XVII. April 6, 2006.

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APPENDIX B SHOVEL READY SITE – ALLEN COUNTY, INDIANA



13. View north of Section XVIII. April 6, 2006.



14. View east of Section XIX. April 6, 2006.



15. View north of Section XX. April 6, 2006.

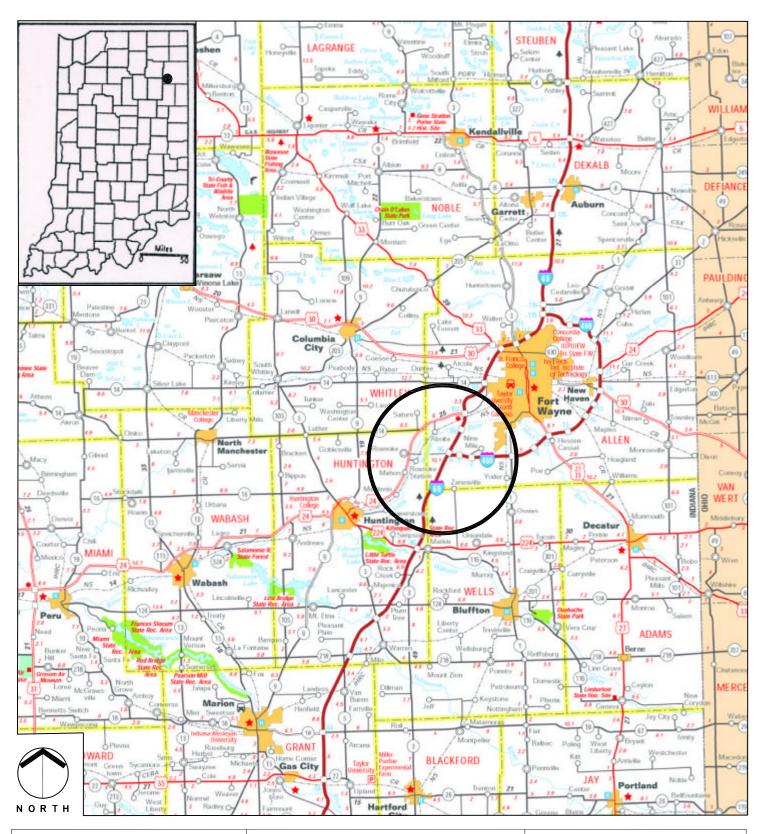


16. View east of Section XXI. April 6, 2006.

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SHOVEL READY SITE GRAPHICS

REGIONAL LOCATION MAP	S1
LOCATION MAP	S2
NATIONAL WETLAND INVENTORY	S3
ALLEN COUNTY SOIL SURVEY	S 4
WETLAND DELINEATION	S5
DATA POINTS: TRANSECT 1	S6
DATA POINTS: TRANSECT 2 & 3	S 7
PHOTOGRAPH LOCATIONS	S8
2003 AFRIAL PHOTOGRAPH	S9



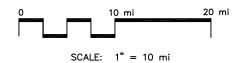


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REGIONAL LOCATION MAP



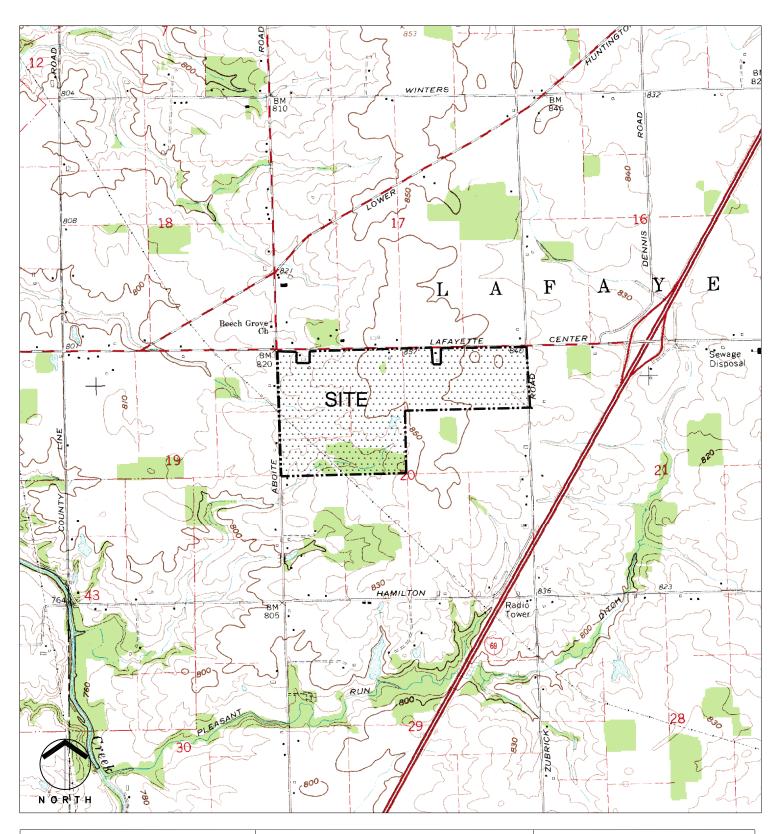
SHOVEL READY SITE CITY OF FORT WAYNE 630 CITY-COUNTY BUILDING 1 EAST MAIN STREET FORT WAYNE, IN 46802 STATE: INDIANA COUNTY: ALLEN

TOWNSHIP: LAFAYETTE T29N, R11E, SECT. 20

QUADRANGLE: ZANESVILLE

LAT/LONG (NAD 27): 40° 57' 26"N, 85° 18' 28"W

S1 04/13/2006



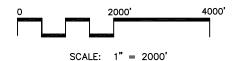


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(260) 489-8511 Fax (260) 489-8607

LOCATION MAP



SHOVEL READY SITE CITY OF FORT WAYNE 630 CITY-COUNTY BUILDING 1 EAST MAIN STREET FORT WAYNE, IN 46802

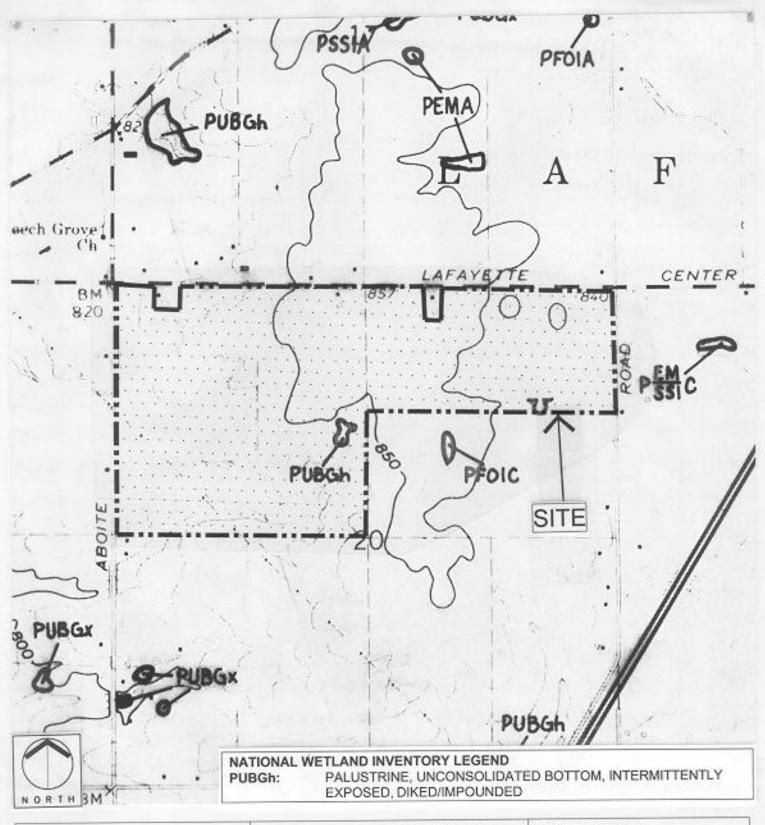
STATE: INDIANA COUNTY: ALLEN

TOWNSHIP: LAFAYETTE T29N, R11E, SECT. 20

QUADRANGLE: ZANESVILLE

LAT/LONG (NAD 27): 40° 57' 26"N, 85° 18' 28"W

S2 04/13/2006

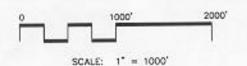




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NATIONAL WETLAND INVENTORY



SHOVEL READY SITE CITY OF FORT WAYNE 630 CITY-COUNTY BUILDING 1 EAST MAIN STREET FORT WAYNE, IN 46802

STATE: INDIANA COUNTY: ALLEN TOWNSHIP: LAFAYETTE

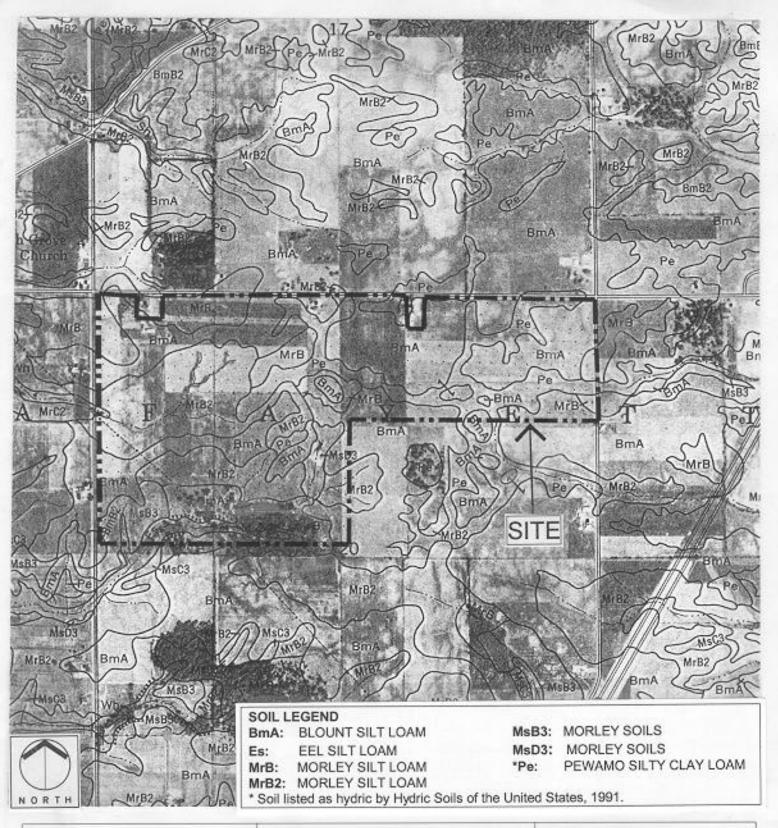
T29N, R11E, SECT. 20 QUADRANGLE:

ZANESVILLE

LAT/LONG (NAD 27): 40° 57' 26"N, 85° 18' 28"W

S3

04/13/2006



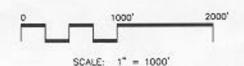


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ALLEN COUNTY SOIL SURVEY



SHOVEL READY SITE CITY OF FORT WAYNE 630 CITY-COUNTY BUILDING 1 EAST MAIN STREET FORT WAYNE, IN 46802

STATE: INDIANA

COUNTY: ALLEN

TOWNSHIP: LAFAYETTE

T29N, R11E, SECT. 20

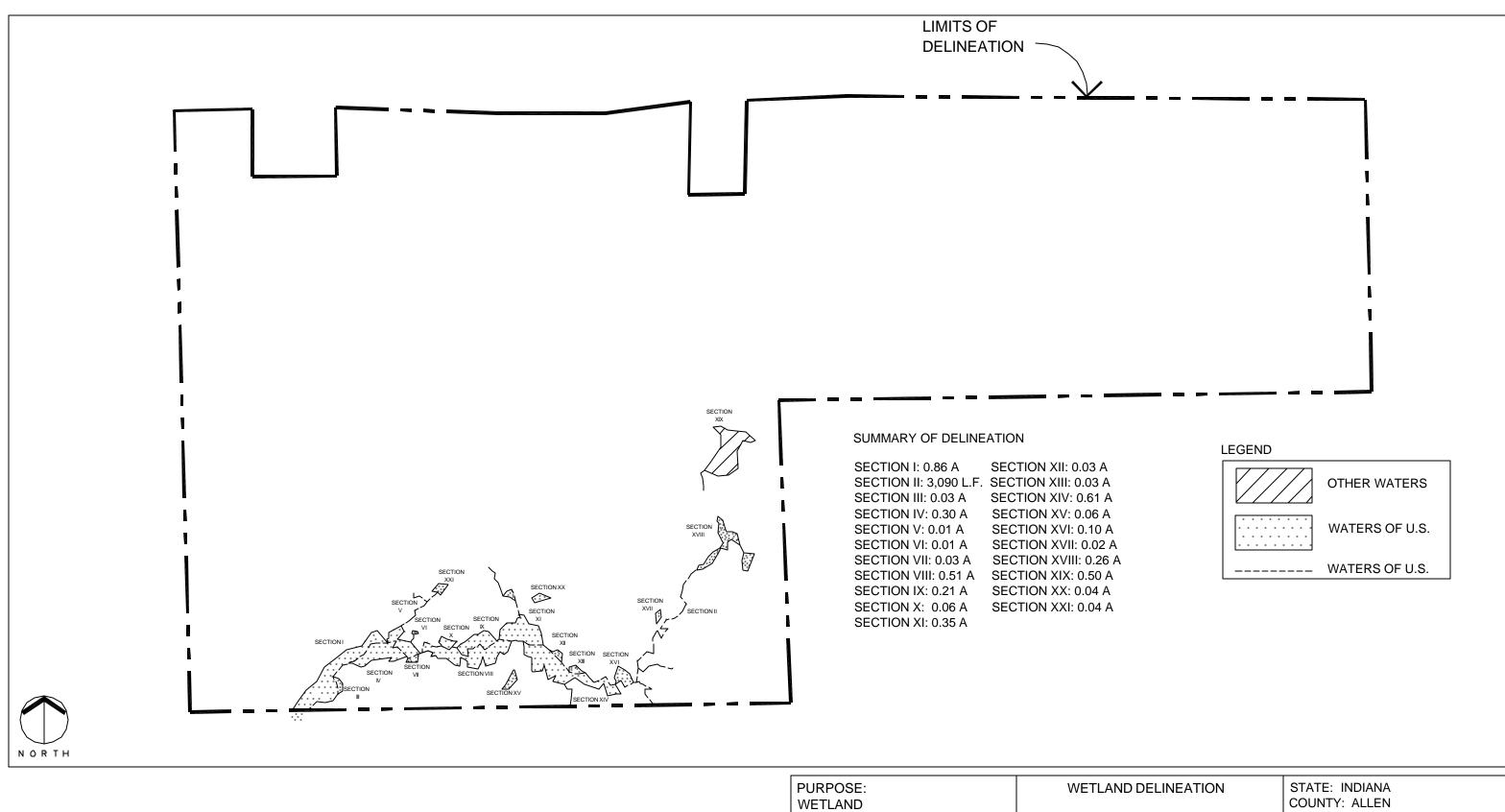
QUADRANGLE: ZANESVILLE

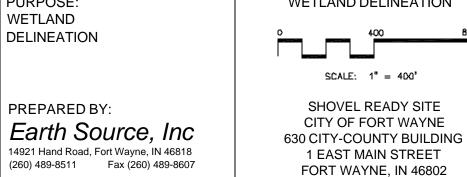
LAT/LONG (NAD 27):

40° 57' 26"N, 85° 18' 28"W

S4

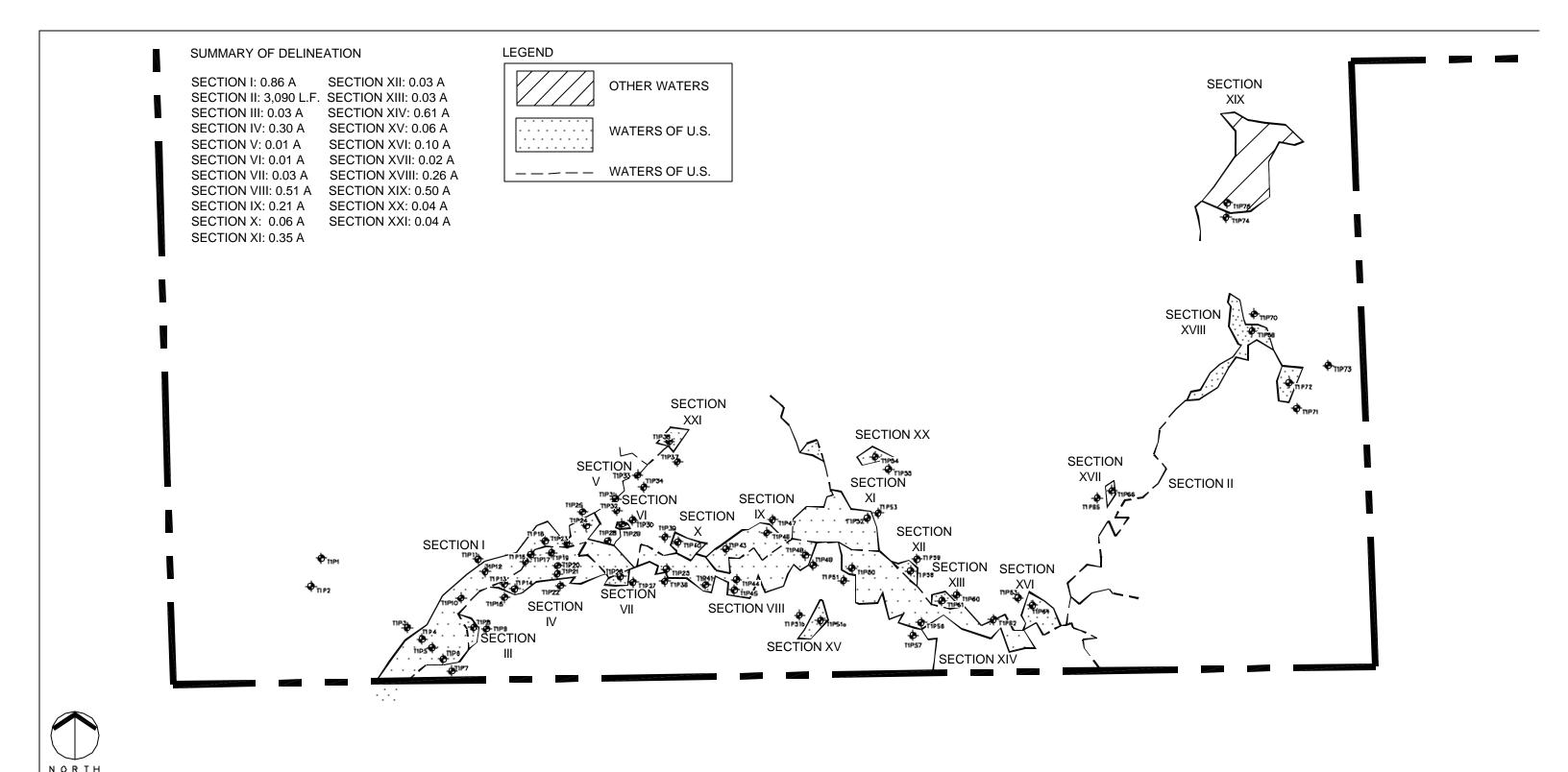
04/13/2006

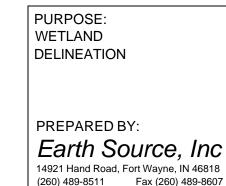


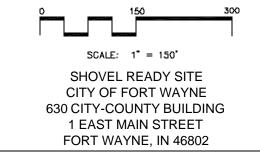


STATE: INDIANA
COUNTY: ALLEN
TOWNSHIP: LAFAYETTE
T29N, R11E, SECT. 20
QUADRANGLE:
ZANESVILLE
LAT/LONG (NAD27):
40° 57' 26"N / 85° 18' 28"W

S5 04/13/2006





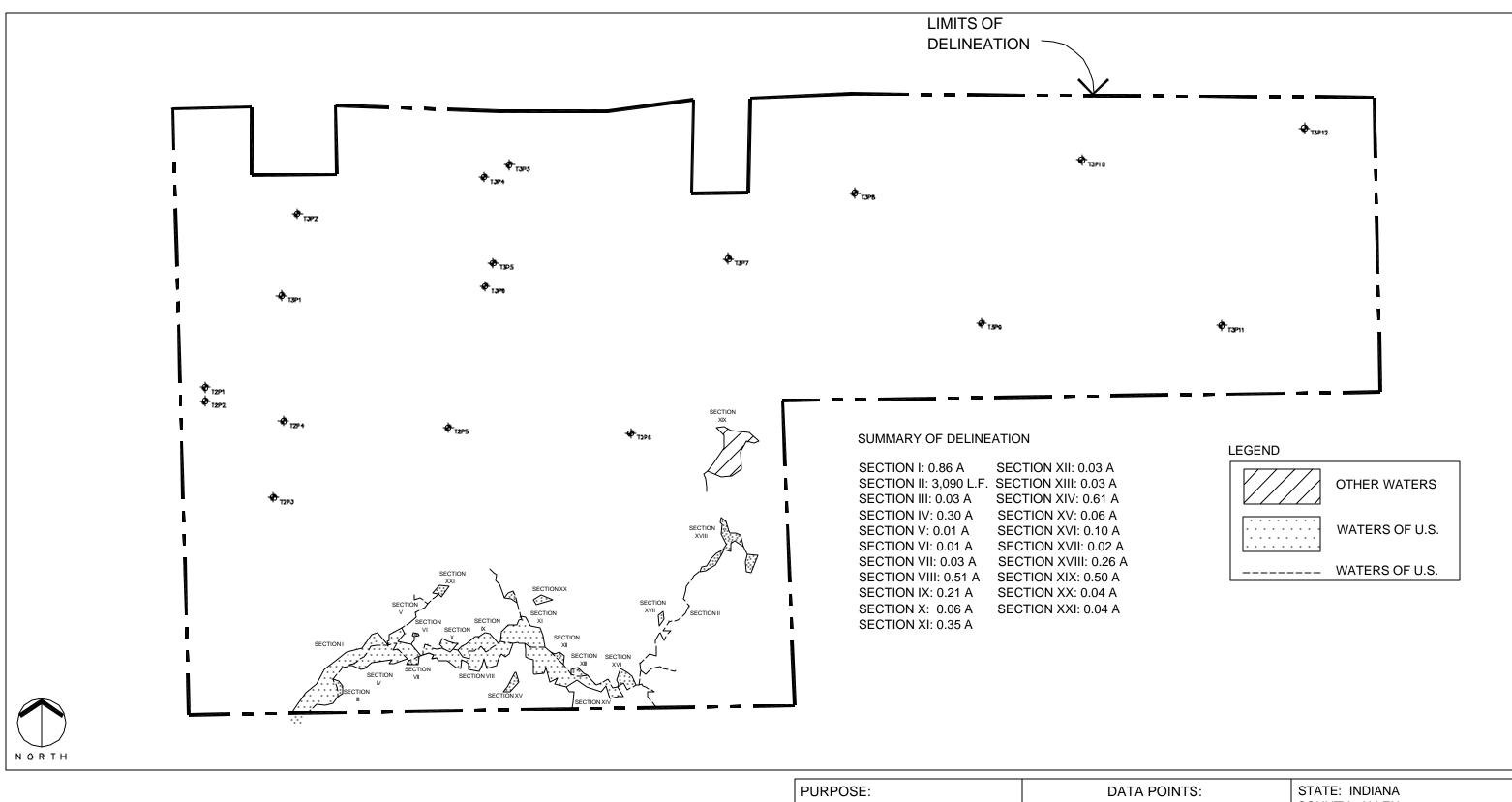


DATA POINTS

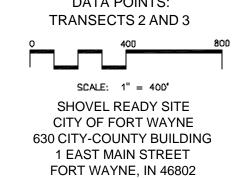
TRANSECT 1

STATE: INDIANA
COUNTY: ALLEN
TOWNSHIP: LAFAYETTE
T29N, R11E, SECT. 20
QUADRANGLE:
ZANESVILLE
LAT/LONG (NAD27):
40° 57' 26"N / 85° 18' 28"W

S6
04/13/2006

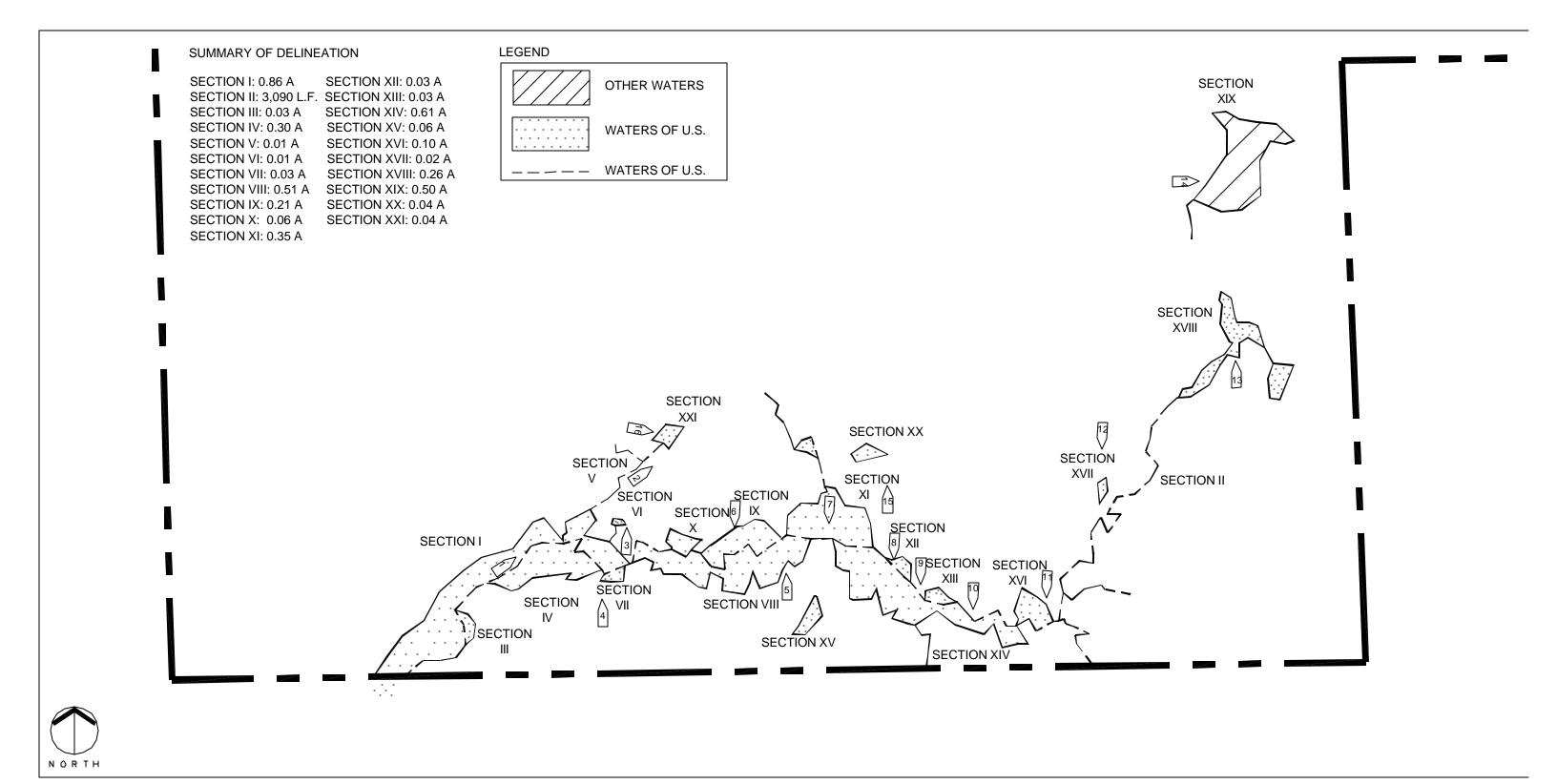






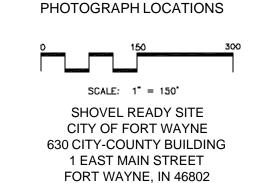
STATE: INDIANA
COUNTY: ALLEN
TOWNSHIP: LAFAYETTE
T29N, R11E, SECT. 20
QUADRANGLE:
ZANESVILLE
LAT/LONG (NAD27):
40° 57' 26"N / 85° 18' 28"W

S7 04/13/2006





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STATE: INDIANA COUNTY: ALLEN TOWNSHIP: LAFAYETTE T29N, R11E, SECT. 20 QUADRANGLE: ZANESVILLE LAT/LONG (NAD27): 40° 57' 26"N / 85° 18' 28"W

S8 04/13/2006

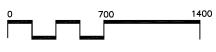


PURPOSE: WETLAND DELINEATION

PREPARED BY:

Earth Source, Inc.

14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607 2003 AERIAL PHOTOGRAPH



SCALE: 1" = 700'

SHOVEL READY SITE CITY OF FORT WAYNE 630 CITY-COUNTY BUILDING 1 EAST MAIN STREET FORT WAYNE IN 46802 STATE: INDIANA COUNTY: ALLEN

TOWNSHIP: LAFAYETTE T29N, R11E, SECT. 20

QUADRANGLE: ZANESVILLE

LAT/LONG (NAD27):

40° 57′ 26″N / 85° 18′ 28″W

S9 04/13/2006

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LAND PLANNING - LANDSCAPE ARCHITECTURE CONSTRUCTED WETLANDS - WATERSHED ANALYSIS - HABITAT DESIGN WETLAND DELINEATION, MITIGATION AND MONITORING SECTION 10, 401 AND 404 PERMITTING

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