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

Prepared by:

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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

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Section	Size	Description
X	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**	

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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 peraquic moisture regime, ponding or a water table near the surface for at least one week during the growing season. **Wetland Hydrology** criteria are met or assumed by the presence of inundation or saturated soils and/or the confirmed presence of hydrologic field indicators such as water marks, debris deposits or morphological plant adaptations to life in anaerobic soil conditions. **Hydrophytic Vegetation** 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.

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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.

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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.

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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 Scrub-shrub 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*	FACW-
Carex species	*Carex sp.*	OBL/FAC
Aster species	*Aster sp.*	OBL/FAC

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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

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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.

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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.

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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 Scrub-shrub 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 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 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
Eastern Cottonwood	*Populus deltoids*	FAC+

The subcanopy stratum was dominated by:

Gray Dogwood	Cornus racemosa	FACW-

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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

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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	*Alliaria petiolata*	FAC
Spotted touch me not	*Impatiens capensis*	FACW
Trout Lily	*Erythronium americanum*	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).

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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 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.	*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 Scrub-shrub 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).

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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.

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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.

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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.

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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)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Scrub-shrub field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P1

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
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.		
7. *Apocynum cannabinum*	herbaceous	FAC	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 28.5%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P1

SOILS

Map Unit Name (Series and Phase): Morley soils Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs 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 4/3	10YR 4/6	

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Swale in Scrub-shrub Field
Transect ID: T1
Plot ID: T1P2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	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.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 40.0%

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: 4 (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
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P2

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

___ 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
X Gleyed or Low-Chroma Colors	___ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland adjacent to SECTION I
Transect ID: T1
Plot ID: T1P3

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Lonicera tatarica*	subcanopy	FACU	9.		
2. *Juniperus virginiana*	subcanopy	FACU	10.		
3. *Bromus ciliatus*	herbaceous	UPL	11.		
4. *Taraxacum officinale*	herbaceous	FACU	12.		
5. *Fragaria virginiana*	herbaceous	FAC-	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P3

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-6	1	10YR 4/2		
6-12	2	10YR 4/3		

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Section I: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	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.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 60.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 6 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P4

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION I: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P5

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Fraxinus pennsylvanica*	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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 75.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 4 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P5

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4 mottles	

Hydric Soil Indicators:

___	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
x	Gleyed or Low-Chroma Colors	___	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Section I: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P6

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Populus deltoides*	canopy	FAC+	9. *Alliaria petiolata*	herbaceous	FAC
2. *Ulmus rubra*	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	14.		
7. *Asteraceae sp.*	herbaceous	OBL/FAC	15.		
8. *Solidago canadensis*	herbaceous	FACU	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 77.7%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 10 (in.)

Depth to Saturated Soil: 8 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P6

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-6	1	10YR 3/2		
6-12	2	10 YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland forested adjacent to Section I
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P7

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Quercus alba*	canopy	FACU	9.		
2. *Acer saccharum*	canopy	FACU	10.		
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.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 28.5%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P7

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 3/2		

Hydric Soil Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: SECTION III: Scrub-shrub wetland
Transect ID: T1
Plot ID: T1P8

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Fraxinus pennsylvanica*	subcanopy	FACW	9.		
2. *Ulmus rubra*	subcanopy	FAC	10.		
3. *Rosa multiflora*	subcanopy	FACU	11.		
4. *Toxicodendron radicans*	vine	FAC+	12.		
5. *Impatiens capensis*	herbaceous	FACW	13.		
6. *Elymus virginicus*	herbaceous	FACW-	14.		
7. *Carex sp.*	herbaceous	OBL/FAC	15.		
8. *Aster sp.*	herbaceous	OBL/FAC	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 87.5%

Remarks: DOMINANCE OF 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: 0 (in.)
Depth to Free Water in Pit: 12 (in.)
Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P8

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-6	1	10YR 3/2		
6-12	2	10YR 3/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland Forest - adjacent to SECTION III
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P9

VEGETATION

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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.4%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P9

SOILS

Map Unit Name (Series and Phase): Eel sitl loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 3/2		

Hydric Soil Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION I: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P10

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Ulmus rubra*	canopy	FAC	9.		
2. *Elymus virginicus*	herbaceous	FACW-	10.		
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-) 83.3%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 6 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P10

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/1	10YR 4/4	

Hydric Soil Indicators:

___	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
x	Gleyed or Low-Chroma Colors	___	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland forested adjacent to SECTION I
Transect ID: T1
Plot ID: T1P11

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Acer saccharum*	canopy	FACU	9.		
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	FAC-	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 16.6%

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P11

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2		

Hydric Soil Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION I: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P12

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 3 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P12

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION IV: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P13

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Populus deltoides*	canopy	FAC+	9.		
2. *Ulmus rubra*	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	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 2 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
- x Inundated
- ____ 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P13

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: SECTION IV: Forested Wetland
Transect ID: T1
Plot ID: T1P14

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Populus deltoides*	canopy	FAC+	9.		
2. *Ulmus rubra*	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	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 2 (in.)
Depth to Free Water in Pit: 0 (in.)
Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
x Inundated
____ 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P14

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland adjacent to Section IV
Transect ID: T1
Plot ID: T1P15

VEGETATION

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. *Vitis riparia*	vine	FACW-	12.		
5. *Erythronium americanum*	herbaceous	FAC	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 33.3%

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P15

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-6	1	10YR 3/2		
6-12	2	10YR 4/3		

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION II: Channel
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P16

VEGETATION

Dominant 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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

Remarks: No vegetation within OHWM

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:	3	(in.)
Depth to Free Water in Pit:	0	(in.)
Depth to Saturated Soil:	0	(in.)

Wetland Hydrology Indicators

Primary Indicators
- x 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P16

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORS.
THIS SECTION IS IDENTIFIED AS A WATER OF THE U.S. AND DELINEATED AT THE OHWM.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION II: Channel
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P17

VEGETATION

Dominant 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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

Remarks: No vegetation within OHWM

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: 3 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
- x 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
- x Water-Stained Leaves
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P17

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4 mottles	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS THIS SECTION IS IDENTIFIED AS A WATER OF THE U.S. AND DELINEATED AT THE OHWM.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section I
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P18

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P18

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-6	1	10YR 3/2		
6-12	2	10YR 5/4		

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION 1: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P19

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Populus deltoides*	canopy	FAC+	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Fraxinus pennsylvanica*	canopy	FACW	11.		
4. *Geum candense*	herbaceous	FAC	12.		
5. *Cinna arundinacea*	herbaceous	FACW	13.		
6. *Erythronium americanum*	herbaceous	FAC	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 2 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
- x Inundated
- ____ 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P19

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 3/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION IV: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P20

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Populus deltoides*	canopy	FAC+	9.		
2. *Ulmus rubra*	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. *Carex sp.*	herbaceous	OBL/FAC	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 2 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
- x Inundated
- ____ 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P20

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION IV: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P21

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 2 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
- x Inundated
- ____ 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P21

SOILS

Map Unit Name
(Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section IV
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P22

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Quercus alba*	canopy	FACU	9.		
2. *Carya ovata*	canopy	FACU	10.		
3. *Rubus occidentalis*	subcanopy	FACU	11.		
4. *Vitis riparia*	vine	FACW-	12.		
5. *Carex pensylvanica*	herbaceous	FACU	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 20.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P22

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 3/2		
4-12	2	10YR 4/2		

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION I: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P23

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)
Depth to Free Water in Pit: 6 (in.)
Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P23

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 3/2		
4-12	2	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION I: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P24

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Quercus bicolor*	canopy	FACW+	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Carex sp.*	herbaceous	OBL/FAC	11.		
4. *Impatiens capensis*	herbaceous	FACW	12.		
5. *Cinna arundinacea*	herbaceous	FACW	13.		
6. *Vitis riparia*	vine	FACW-	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 6 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P24

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 3/2	10YR 4/4	

Hydric Soil Indicators:

___ 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
x Gleyed or Low-Chroma Colors	___ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section I
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P25

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P25

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 3/2		
4-12	2	10YR 4/2		

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION VII: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P26

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Populus deltoides*	canopy	FAC+	9.		
2. *Ulmus rubra*	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.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 6 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P26

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 3/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland adjacent to Section VII
Transect ID: T1
Plot ID: T1P27

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Fraxinus pennsylvanica*	canopy	FACW	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Acer saccharum*	canopy	FACU	11.		
4. *Carex pensylvanica*	herbaceous	FACU	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 50.0%

Remarks: NON-DOMINANCE OF 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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P27

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 3/2		
4-12	2	10YR 4/2		

Hydric Soil Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section I
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P28

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Lonicera tatarica*	subcanopy	FACU	9.		
2. *Impatiens capensis*	herbaceous	FACW	10.		
3. *Setaria italica*	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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 17.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P28

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2		

Hydric Soil Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION VI: Emergent Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P29

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Dichanthelium clandestinum*	herbaceous	FACW	9.		
2. *Carex sp.*	herbaceous	OBL/FAC	10.		
3. *Cyperus esculentus*	herbaceous	FACW	11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 100.0%

Remarks: DOMINANCE OF 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: 2 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
- x 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P29

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland adjacent to Section VI
Transect ID: T1
Plot ID: T1P30

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	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.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P30

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2		

Hydric Soil Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION V: Emphemeral Drain
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P31

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Dichanthelium clandestinum*	herbaceous	FACW	9.		
2. *Cyperus esculentus*	herbaceous	FACW	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 2 (in.)
Depth to Free Water in Pit: 0 (in.)
Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
x Inundated
____ 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
____ Water-Stained Leaves
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P31

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 3/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes		
Wetland Hydrology Present?	Yes		
Hydric Soils Present?	Yes	Is this Sampling Point Within a Wetland?	NO

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland adjacent to Section V
Transect ID: T1
Plot ID: T1P32

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	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. *Daucus carota*	herbaceous	FACU	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0.0%

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P32

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 3/2		

Hydric Soil Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION V: Emphemeral Drain
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P33

VEGETATION

Dominant 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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

Remarks: NO VEGETATION WITHIN OHWM.

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: 2 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
- x Inundated
- ____ 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
- ____ Water-Stained Leaves
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P33

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION.
THIS SECTION IS IDENTIFIED AS A WATER OF THE U.S. AND DELINEATED AT THE OHWM.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section V
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P34

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Carya ovata*	canopy	FACU	9.		
2. *Acer saccharum*	canopy	FACU	10.		
3. *Fraxinus pennsylvanica*	canopy	FACW	11.		
4. *Erythronium americanum*	herbaceous	FACU	12.		
5. *Impatiens capensis*	herbaceous	FACW	13.		
6. *Claytonia caroliniana*	herbaceous	FACU	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 33.3%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P34

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2		

Hydric Soil Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION VIII: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		data point taken in open grassy area
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P35

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Dichanthelium clandestinum*	herbaceous	FACW	9.		
2. *Carex sp.*	herbaceous	OBL/FAC	10.		
3. *Cyperus esculentus*	herbaceous	FACW	11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 3 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
- x Inundated
- ____ 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P35

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland adjacent to Section VIII
Transect ID: T1
Plot ID: T1P36

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Rosa multiflora*	subcanopy	FACU	9.		
2. *Setaria italica*	herbaceous	FACU	10.		
3. *Dipsacus sylvestris*	herbaceous	UPL	11.		
4. *Bromus intermis*	herbaceous	UPL	12.		
5. *Daucus carota*	herbaceous	FACU	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P36

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 3/2		
4-12	2	10 YR 4/2		

Hydric Soil Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland adjacent to Section XXI
Transect ID: T1
Plot ID: T1P37

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Carya ovata*	canopy	FACU	9.		
2. *Quercus alba*	canopy	FACU	10.		
3. *Celtis occidentalis*	canopy	FAC-	11.		
4. *Rosa multiflora*	subcanopy	FACU	12.		
5. *Sessile trillium*	herbaceous	FACU-	13.		
6. *Geum candense*	herbaceous	FAC	14.		
7. *Claytonia caroliniana*	herbaceous	FACU	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 14.0%

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: 0 (in.)
Depth to Free Water in Pit: 12 (in.)
Depth to Saturated Soil: 6 (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
____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P37

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 5/6	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Section XXI: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P38

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Ulmus rubra*	canopy	FAC	9.		
2. *Carex sp.*	herbaceous	OBL/FAC	10.		
3. *Impatiens capensis*	herbaceous	FACW	11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 66.6%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 6 (in.)

Depth to Saturated Soil: 0 (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
- x Water-Stained Leaves
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P38

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/1	10YR 5/6	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Forest - adjacent to SECTION X
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P39

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Quercus rubra*	canopy	FACU	9.		
2. *Carya ovata*	canopy	FACU	10.		
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	FAC	15.		
8. *Cardamine concatenata*	herbaceous	FACU	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 12.5%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P39

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 4/3		
>4	2	10YR 5/3	10YR 5/6	

Hydric Soil Indicators:

____ 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
X Gleyed or Low-Chroma Colors	____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION X: Scrub-shrub Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P40

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Cornus racemosa*	subcanopy	FACW-	9.		
2. *Fraxinus pennsylvanica*	subcanopy	FACW	10.		
3. *Carex sp.*	herbaceous	OBL/FAC	11.		
4. *Impatiens capensis*	herbaceous	FACW	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 6 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P40

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

___ 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
X Gleyed or Low-Chroma Colors	___ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION VIII: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P41

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Fraxinus pennsylvanica*	canopy	FACW	9.		
2. *Populus deltoides*	canopy	FAC+	10.		
3. *Carex sp.*	herbaceous	OBL/FAC	11.		
4. *Cinna arundinacea*	herbaceous	FACW	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 2 (in.)
Depth to Free Water in Pit: 0 (in.)
Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
x Inundated
____ 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P41

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland Forest
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P42

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 28.5%

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: 0 (in.)

Depth to Free Water in Pit: 4 (in.)

Depth to Saturated Soil: 0 (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
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P42

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs 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	10YR 4/4	

Hydric Soil Indicators:

___ 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
x Gleyed or Low-Chroma Colors	___ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORSS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION IX: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P43

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Populus deltoides*	canopy	FAC+	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Fraxinus pennsylvanica*	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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 88.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 12 (in.)

Depth to Saturated Soil: 6 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P43

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION VIII: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P44

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Populus deltoides*	canopy	FAC+	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Fraxinus pennsylvanica*	canopy	FACW	11.		
4. *Rubus occidentalis*	subcanopy	FACU	12.		
5. *Impatiens capensis*	herbaceous	FACW	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 80.0%

Remarks: DOMINANCE OF 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:	0	(in.)
Depth to Free Water in Pit:	12	(in.)
Depth to Saturated Soil:	4	(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
- x Water-Stained Leaves
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P44

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION VIII: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P45

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Ulmus rubra*	canopy	FAC	9.		
2. *Fraxinus pennsylvanica*	canopy	FACW	10.		
3. *Quercus bicolor*	canopy	FACW+	11.		
4. *Vitis riparia*	vine	FACW-	12.		
5. *Impatiens capensis*	herbaceous	FACW	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 15 (in.)

Depth to Saturated Soil: 10 (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
x Water-Stained Leaves
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P45

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION IX: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P46

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 100.0%

Remarks: DOMINANCE OF 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 to Free Water in Pit: 12 (in.)

Depth to Saturated Soil: 6 (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
- x Water-Stained Leaves
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P46

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland adjacent to SECTION IX
Transect ID: T1
Plot ID: T1P47

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Ulmus rubra*	canopy	FAC	9.		
2. *Quercus alba*	canopy	FACU	10.		
3. *Vitis riparia*	canopy	FACW-	11.		
4. *Rosa multiflora*	subcanopy	FACU	12.		
5. *Impatiens capensis*	herbaceous	FACW	13.		
6. *Geum candense*	herbaceous	FAC	14.		
7. *Claytonia caroliniana*	herbaceous	FACU	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 57.0%

Remarks: DOMINANCE OF 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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P47

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 4/2		
4-12	2	10YR 4/3		

Hydric Soil Indicators:

____ Histosol
____ Histic Epipedon
____ Sulfidic Odor
____ Aquic Moisture Regime
____ Reducing Conditions
____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE HYDROLOGY AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: SECTION VIII: Forested Wetland
Transect ID: T1
Plot ID: T1P48

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Fraxinus pennsylvanica*	canopy	FACW	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Rubus occidentalis*	subcanopy	FACU	11.		
4. *Vitis riparia*	vine	FACW-	12.		
5. *Impatiens capensis*	herbaceous	FACW	13.		
6. *Alliaria petiolata*	herbaceous	FAC	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 83.0%

Remarks: DOMINANCE OF 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: 0 (in.)
Depth to Free Water in Pit: 12 (in.)
Depth to Saturated Soil: 8 (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
- x Water-Stained Leaves
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P48

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section VIII
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P49

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Ulmus rubra*	canopy	FAC	9.		
2. *Quercus alba*	canopy	FACU	10.		
3. *Gleditsia triacanthos*	canopy	FAC	11.		
4. *Prunus serotina*	canopy	FACU	12.		
5. *Alliaria petiolata*	herbaceous	FAC	13.		
6. *Erythronium americanum*	herbaceous	FAC	14.		
7. *Claytonia caroliniana*	herbaceous	FACU	15.		
8. *Impatiens capensis*	herbaceous	FACW	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 63.0%

Remarks: DOMINANCE OF 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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P49

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 3/2		
4-12	2	10YR 4/3		

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE HYDROLOGY AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION XIV: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P50

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Fraxinus pennsylvanica*	canopy	FACW	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Quercus bicolor*	canopy	FACW+	11.		
4. *Rosa multiflora*	subcanopy	FACU	12.		
5. *Vitis riparia*	vine	FACW-	13.		
6. *Alliaria petiolata*	herbaceous	FAC	14.		
7. *Impatiens capensis*	herbaceous	FACW	15.		
8. *Erythronium americanum*	herbaceous	FAC	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 75.0%

Remarks: DOMINANCE OF 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 to Free Water in Pit: 12 (in.)

Depth to Saturated Soil: 6 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P50

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/6	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section XIV
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P51

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Prunus serotina*	canopy	FACU	9.		
2. *Quercus alba*	canopy	FACU	10.		
3. *Fraxinus pennsylvanica*	canopy	FACW	11.		
4. *Rosa multiflora*	subcanopy	FACU	12.		
5. *Fragaria virginiana*	herbaceous	FAC-	13.		
6. *Erythronium americanum*	herbaceous	FAC	14.		
7. *Claytonia caroliniana*	herbaceous	FACU	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 29.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P51

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic 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 5/3	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION XV: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P51A

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Fraxinus pennsylvanica*	canopy	FACW	9.		
2. *Carex sp.*	herbaceous	OBL/FAC	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 2 (in.)

Depth to Saturated Soil: 0 (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
x Water-Stained Leaves
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P51A

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

___ 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
X Gleyed or Low-Chroma Colors	___ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Forest - adjacent to SECTION XV
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P51B

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Prunus serotina*	canopy	FACU	9.		
2. *Carya ovata*	canopy	FACU	10.		
3. *Quercus rubra*	canopy	FACU	11.		
4. *Lonicera tatarica*	subcanopy	FACU	12.		
5. *Rosa multiflora*	subcanopy	FACU	13.		
6. *Clatonia virginica*	herbaceous	FACU	14.		
7. *Erythronium americanum*	herbaceous	FAC	15.		
8. *Cardamine concatenata*	herbaceous	FACU	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 12.5%

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 to Free Water in Pit: 20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION XI: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P52

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Quercus bicolor*	canopy	FACW+	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Cornus racemosa*	subcanopy	FACW-	11.		
4. *Vitis riparia*	vine	FACW-	12.		
5. *Impatiens capensis*	herbaceous	FACW	13.		
6. *Geum candense*	herbaceous	FAC	14.		
7. *Carex sp.*	herbaceous	OBL/FAC	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 4 (in.)

Depth to Saturated Soil: 0 (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
- x Water-Stained Leaves
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P52

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland adjacent to Section XI
Transect ID: T1
Plot ID: T1P53

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Acer saccharum*	canopy	FACU	9.		
2. *Quercus alba*	canopy	FACU	10.		
3. *Celtis occidentalis*	canopy	FAC-	11.		
4. *Ulmus rubra*	canopy	FAC	12.		
5. *Lonicera tatarica*	subcanopy	FACU	13.		
6. *Erythronium americanum*	herbaceous	FAC	14.		
7. *Claytonia caroliniana*	herbaceous	FACU	15.		
8. *Vitis riparia*	vine	FACW-	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 38.0%

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P53

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic 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 5/3	10YR 4/4	

Hydric Soil Indicators:

___ 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
x Gleyed or Low-Chroma Colors	___ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION XX: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P54

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 4 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P54

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/1	10YR 4/6	

Hydric Soil Indicators:

___ 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
x Gleyed or Low-Chroma Colors	___ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Upland adjacent to Section XX
Transect ID: T1
Plot ID: T1P55

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	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 americanum*	herbaceous	FAC	14.		
7. *Claytonia caroliniana*	herbaceous	FACU	15.		
8. *Cardamine concatenata*	herbaceous	FACU	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 13.0%

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 to Free Water in Pit: 12 (in.)
Depth to Saturated Soil: 6 (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
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P55

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 4/3		
4-12	2	10YR 6/3	10YR 5/6	

Hydric Soil Indicators:

___ 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
x Gleyed or Low-Chroma Colors	___ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION XIV: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P56

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Quercus bicolor*	canopy	FACW+	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Fraxinus pennsylvanica*	canopy	FACW	11.		
4. *Populus deltoides*	canopy	FAC+	12.		
5. *Cornus racemosa*	subcanopy	FACW-	13.		
6. *Impatiens capensis*	herbaceous	FACW	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 4 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P56

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/6	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section XIV
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P57

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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 americanum*	herbaceous	FAC	14.		
7. *Claytonia caroliniana*	herbaceous	FACU	15.		
8. *Cardamine concatenata*	herbaceous	FACU	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 13.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P57

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 3/2		
4-12	2	10YR 5/2		

Hydric Soil Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION XII: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P58

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Quercus bicolor*	canopy	FACW+	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Fraxinus pennsylvanica*	canopy	FACW	11.		
4. *Populus deltoides*	canopy	FAC+	12.		
5. *Cornus racemosa*	subcanopy	FACW-	13.		
6. *Impatiens capensis*	herbaceous	FACW	14.		
7. *Carex sp.*	herbaceous	OBL/FAC	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 4 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P58

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/6	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section XII
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P59

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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 concatenata*	herbaceous	FACU	13.		
6. *Erythronium americanum*	herbaceous	FAC	14.		
7. *Claytonia caroliniana*	herbaceous	FACU	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 14.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P59

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic 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		
3-8	2	10YR 5/2		
8-12	3	10YR 5/2	10YR 4/6	

Hydric Soil Indicators:

___	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
x	Gleyed or Low-Chroma Colors	___	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	No		
Wetland Hydrology Present?	No		
Hydric Soils Present?	Yes	Is this Sampling Point Within a Wetland?	No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section XIII
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P60

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Celtis occidentalis*	canopy	FAC-	9.		
2. *Quercus alba*	canopy	FACU	10.		
3. *Acer saccharum*	canopy	FACU	11.		
4. *Cardamine concatenata*	herbaceous	FACU	12.		
5. *Carex pensylvanica*	herbaceous	FACU	13.		
6. *Erythronium americanum*	herbaceous	FAC	14.		
7. *Claytonia caroliniana*	herbaceous	FACU	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 14.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P60

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic 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 Indicators:

____ 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)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION XIII: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P61

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Quercus bicolor*	canopy	FACW+	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Fraxinus pennsylvanica*	canopy	FACW	11.		
4. *Populus deltoides*	canopy	FAC+	12.		
5. *Vitis riparia*	vine	FACW-	13.		
6. *Impatiens capensis*	herbaceous	FACW	14.		
7. *Alliaria petiolata*	herbaceous	FAC	15.		
8. *Carex sp.*	herbaceous	OBL/FAC	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 4 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P61

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/6	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION II: Channel
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P62

VEGETATION

Dominant 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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

Remarks: No vegetation within OHWM

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: 3 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
- x 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P62

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORS.
THIS SECTION IS IDENTIFIED AS A WATER OF THE U.S. AND DELINEATED AT THE OHWM.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section XVI
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P63

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	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 concatenata*	herbaceous	FACU	13.		
6. *Erythronium americanum*	herbaceous	FAC	14.		
7. *Claytonia caroliniana*	herbaceous	FACU	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 17.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P63

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic 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 Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION XVI: Forested Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P64

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Quercus bicolor*	canopy	FACW+	9.		
2. *Ulmus rubra*	canopy	FAC	10.		
3. *Fraxinus pennsylvanica*	canopy	FACW	11.		
4. *Grass sp.*	herbaceous	OBL/FAC	12.		
5. *Impatiens capensis*	herbaceous	FACW	13.		
6. *Cardamine concatenata*	herbaceous	FACU	14.		
7. *Carex sp.*	herbaceous	OBL/FAC	15.		
8. *Erythronium americanum*	herbaceous	FAC	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 88.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 4 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P64

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section XVII
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P65

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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.		
5. *Prunus serotina*	canopy	FACU	13.		
6. *Claytonia carolini*	herbaceous	FACU	14.		
7. *Cardamine concatenata*	herbaceous	FACU	15.		
8. *Erythronium americanum*	herbaceous	FAC	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 13.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P65

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic 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 3/1		
3-12	2	10YR 5/3	10YR 4/4	

Hydric Soil Indicators:

___ 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
x Gleyed or Low-Chroma Colors	___ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: SECTION XVII: Forested Wetland
Transect ID: T1
Plot ID: T1P66

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Quercus bicolor*	canopy	FACW+	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. *Claytonia virginica*	herbaceous	FACU	14.		
7. *Carex sp.*	herbaceous	OBL/FAC	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 86.0%

Remarks: DOMINANCE OF 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: 0 (in.)
Depth to Free Water in Pit: 6 (in.)
Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P66

SOILS

Map Unit Name (Series and Phase): Eel silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aquic Fluventic Eutrochrepts Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Forest
Transect ID: T1
Plot ID: T1P68

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Juglans nigra*	canopy	FACU	9. *Erythronium americanum*	herbaceous	FAC
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.		
5. *Rubus occidentalis*	subcanopy	FACU	13.		
6. *Lonicera tatarica*	subcanopy	FACU	14.		
7. *Vitis riparia*	vine	FACW-	15.		
8. *Clatonia virginica*	herbaceous	FACU	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 18.1%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P68

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm 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	2	10YR 5/4	10YR 5/6	

Hydric Soil Indicators:

___ 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
X Gleyed or Low-Chroma Colors	___ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: SECTION XVIII: Scrub-Shrub Wetland
Transect ID: T1
Plot ID: T1P69

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Salix sp.*	subcanopy	OBL/FAC	9.		
2. *Cornus racemosa*	subcanopy	FACW-	10.		
3. *Vitis riparia*	vine	FACW-	11.		
4. *Carex sp.*	herbaceous	OBL/FAC	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)
Depth to Free Water in Pit: 6 (in.)
Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
____ Inundated
x Saturated in Upper 12 Inches
____ Water Marks
____ Drift Lines
____ 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P69

SOILS

Map Unit Name (Series and Phase): Morley Soils Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10 YR 4/2	10YR 4/6	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Remarks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to Section XVIII
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P70

VEGETATION

Dominant Plant 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 americanum*	herbaceous	FAC	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 33.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P70

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs 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 5/3	10YR 4/6	

Hydric Soil Indicators:

____ Histosol
____ Histic Epipedon
____ Sulfidic Odor
____ Aquic Moisture Regime
____ Reducing Conditions
____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field adjacent to SECTION XVIII
Is the site significantly disturbed (Atypical Situation)?	Yes	No	Transect ID:	T1
Is the area a potential Problem Area?	Yes	No	Plot ID:	T1P71
(If needed, explain on reverse.)				

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Triticum aestivum*	herbaceous	FACU	9.		
2. *Daucus carota*	herbaceous	FACU	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P71

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 4/3	10YR 5/6	
>4	2	10YR 6/2	10YR 5/6	

Hydric Soil Indicators:

____ 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
X Gleyed or Low-Chroma Colors	____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	SECTION XVIII: Emergent edge of Scrub-shrub Wetland
Is the site significantly disturbed (Atypical Situation)?	Yes	No	Transect ID:	T1
Is the area a potential Problem Area?	Yes	No	Plot ID:	T1P72
(If needed, explain on reverse.)				

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Typha angustifolia*	herbaceous	OBL	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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: 0 (in.)

Depth to Free Water in Pit: 6 (in.)

Depth to Saturated Soil: 0 (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
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P72

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 5/2	10YR 5/6	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? Yes

Rematks: WETLAND BASED ON PRESENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Grassy waterway- adjacent to SECTION XVIII
Transect ID: T1
Plot ID: T1P73

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Avena sativa*	herbaceous	FACU	9.		
2. *Trifolium pratense*	herbaceous	FACU+	10.		
3. *Triticum aestivum*	herbaceous	FACU	11.		
4. *Typha angustifolia*	herbaceous	OBL	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 25.0%

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: 0 (in.)

Depth to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: 0 (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
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P73

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? 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	2	10YR 4/2	10YR 5/6	few, faint

Hydric Soil Indicators:

___	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
X	Gleyed or Low-Chroma Colors	___	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Upland adjacent to SECTION XIX
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T1
(If needed, explain on reverse.)			Plot ID:	T1P74

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant 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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 37.5%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P74

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs 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		
3-8	2	10YR 5/3	10YR 4/6	
8-12	3	10YR 5/2	10YR 4/6	

Hydric Soil Indicators:

___	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
x	Gleyed or Low-Chroma Colors	___	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: SECTION XIX: Excavated Pond
Transect ID: T1
Plot ID: T1P75

VEGETATION

Dominant 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.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0.0%

Remarks: NO VEGETATION WITHIN OHWM.

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: 48-72 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Wetland Hydrology Indicators

Primary Indicators
- x 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)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T1P75

SOILS

Map Unit Name (Series and Phase): Morley soils Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs 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 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
___	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
x	Gleyed or Low-Chroma Colors	___	Other (Explain in Remarks)

Remarks: ABSENCE OF HYDRIC SOIL INDICATORS

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORS.
THIS SECTION IS IDENTIFIED AS AN ISOLATED EXCAVATED POND WITH NO CONNECTION TO A WATER OF THE U.S.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Shrub Area in Agricultural Field with a broken drainage tile
Is the site significantly disturbed (Atypical Situation)?	Yes	No	Transect ID:	T2
Is the area a potential Problem Area?	Yes	No	Plot ID:	T2P1
(If needed, explain on reverse.)				

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Alliaria petiolata*	herbaceous	FAC	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100.0%

Remarks: DOMINANCE OF 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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T2P1

SOILS

Map Unit Name
(Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped 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:

____ Histosol
____ Histic Epipedon
____ Sulfidic Odor
____ Aquic Moisture Regime
____ Reducing Conditions
____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE HYDROLOGY AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Shrub edge - adjacent to broken tile
Transect ID: T2
Plot ID: T2P2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Celtis occidentalis*	subcanopy	FAC-	9.		
2. *Prunus serotina*	subcanopy	FACU	10.		
3. *Rubus occidentalis*	subcanopy	FACU	11.		
4. *Alliaria petiolata*	herbaceous	FAC	12.		
5. *Bromus intermis*	herbaceous	UPL	13.		
6. *Daucus carota*	herbaceous	FACU	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 16.7%

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T2P2

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/3		

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T2
(If needed, explain on reverse.)			Plot ID:	T2P3

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Capsella bursa-pastoris*	herbaceous	FAC-	9.		
2. *Avena sativa*	herbaceous	FACU	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T2P3

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm 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 4/2-5/2	10YR 5/6	

Hydric Soil Indicators:

____ Histosol
____ Histic Epipedon
____ Sulfidic Odor
____ Aquic Moisture Regime
____ Reducing Conditions
____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Grassy waterway in Agricultural Field
Transect ID: T2
Plot ID: T2P4

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Bromus intermis*	herbaceous	UPL	9.		
2. *Poa pratensis*	herbaceous	FAC-	10.		
3. *Trifolium repens*	herbaceous	FACU	11.		
4. *Daucus carota*	herbaceous	FACU	12.		
5. *Elymus virginicus*	herbaceous	FACW-	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 20.0%

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T2P4

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-16	1	10YR 4/2		

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T2
(If needed, explain on reverse.)			Plot ID:	T2P5

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Avena sativa*	herbaceous	FACU	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T2P5

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-8	1	10YR 4/3		
8-12	2	10YR 5/2	10YR 4/4	

Hydric Soil Indicators:

____ 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
X Gleyed or Low-Chroma Colors	____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T2
(If needed, explain on reverse.)			Plot ID:	T2P6

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Avena sativa*	herbaceous	FACU	9.		
2. *Cerastium viscosum*	herbaceous	FACU	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T2P6

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-10	1	10YR 4/3		
>10	2	10YR 5/3	10YR 5/6	

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T3
(If needed, explain on reverse.)			Plot ID:	T3P1

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Avena sativa*	herbaceous	FACU	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P1

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-4	1	10YR 4/3		
4-12	2	10YR 4/3	10YR 5/6	

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Swale - edge of agricultural field and residential property
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T3
(If needed, explain on reverse.)			Plot ID:	T3P2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Bromus intermis*	herbaceous	UPL	9.		
2. *Daucus carota*	herbaceous	FACU	10.		
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-) 0.0%

Remarks:

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: 0 (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
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P2

SOILS

Map Unit Name (Series and Phase): Blount Silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aeric Ochraqualfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-6	1	10YR 3/2		
6-12	2	10YR 3/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Swale in Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T3
(If needed, explain on reverse.)			Plot ID:	T3P3

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Avena sativa*	herbaceous	FACU	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

Remarks:

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: 0 (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
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P3

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-6	1	10YR 4/3		
6-12	2	10YR 4/3	10YR 5/6	

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND SOIL INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T3
(If needed, explain on reverse.)			Plot ID:	T3P4

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Avena sativa*	herbaceous	FACU	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

Remarks:

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P4

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs 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 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 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: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T3
(If needed, explain on reverse.)			Plot ID:	T3P5

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Avena sativa*	herbaceous	FACU	9.		
2. *Triticum aestivum*	herbaceous	FACU	10.		
3. *Glecoma hederacea*	herbaceous	FACU	11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P5

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 4/2		

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site	Date: April 6, 2006
Applicant/Owner: Allen County	County: Allen County
Investigators: Annie White & Jennifer Manning	State: Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Grassy waterway in Agricultural Field
Transect ID: T3
Plot ID: T3P6

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Avena sativa*	herbaceous	FACU	9.		
2. *Setaria italica*	herbaceous	FACU	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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: 0 (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (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
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P6

SOILS

Map Unit Name (Series and Phase): Morley silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Typic Hapludalfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-12	1	10YR 5/2	10YR 5/6	

Hydric Soil Indicators:

___	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
x	Gleyed or Low-Chroma Colors	___	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Depression in Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T3
(If needed, explain on reverse.)			Plot ID:	T3P7

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Triticum aestivum*	herbaceous	FACU	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION.
Wheat in 2005

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: 0 (in.)

Depth to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: 0 (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
- ____ Other (Explain in Remarks)

Remarks: PRESENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P7

SOILS

Map Unit Name (Series and Phase): Pewamo silty clay loam Drainage Class: very poorly drained

Taxonomy (Subgroup): Typic Argiaquolls Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-6	1	10YR 4/2		
6-12	2	10YR 4/2	10YR 5/6	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? Yes
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T3
(If needed, explain on reverse.)			Plot ID:	T3P8

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Triticum aestivum*	herbaceous	FACU	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION.
Wheat in 2005

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P8

SOILS

Map Unit Name (Series and Phase): Blount silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aeric Ochraqualfs Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-16	1	10YR 4/3		
>16	2	10YR 4/3	10YR 5/6	

Hydric Soil Indicators:

- ____ Histosol
- ____ Histic Epipedon
- ____ Sulfidic Odor
- ____ Aquic Moisture Regime
- ____ Reducing Conditions
- ____ 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: ABSENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? No

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION, HYDROLOGY, AND SOIL INDICATORS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T3
(If needed, explain on reverse.)			Plot ID:	T3P9

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Triticum aestivum*	herbaceous	FACU	9.		
2. *Zea mays*	herbaceous	FACU	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P9

SOILS

Map Unit Name (Series and Phase): Pewamo silty clay loam Drainage Class: very poorly drained

Taxonomy (Subgroup): Typic Argiaquolls Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-10	1	10YR 3/2	10YR 5/6	
>10	2	10YR 3/2	10YR 5/6	

Hydric Soil Indicators:

___	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
x	Gleyed or Low-Chroma Colors	___	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	No		
Wetland Hydrology Present?	No		
Hydric Soils Present?	Yes	Is this Sampling Point Within a Wetland?	No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No
Is the site significantly disturbed (Atypical Situation)?	Yes	No
Is the area a potential Problem Area?	Yes	No
(If needed, explain on reverse.)		

Community ID: Depression in Agricultural Field
Transect ID: T3
Plot ID: T3P10

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Triticum aestivum*	herbaceous	FACU	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0.0%

Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION.
Wheat in 2005

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 to Free Water in Pit: >20 (in.)
Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P10

SOILS

Map Unit Name (Series and Phase): Pewamo silty clay loam Drainage Class: very poorly drained

Taxonomy (Subgroup): Typic Argiaquolls Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-10	1	10YR 3/2		
>10	2	10YR 3/2	10YR 5/6	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T3
(If needed, explain on reverse.)			Plot ID:	T3P11

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Triticum aestivum*	herbaceous	FACU	9.		
2. *Zea mays*	herbaceous	FACU	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P11

SOILS

Map Unit Name
(Series and Phase): Pewamo silty clay loam Drainage Class: very poorly drained

Taxonomy (Subgroup): Typic Argiaquolls Field Observations Confirm Mapped Type? Yes [No]

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Abundance/Contrast	Texture, Structure, Concretions, etc.
0-6	1	10YR 4/3	10YR 5/6	
>6	2	10YR 6/2	10YR 5/6	

Hydric Soil Indicators:

___	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
x	Gleyed or Low-Chroma Colors	___	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	No		
Wetland Hydrology Present?	No		
Hydric Soils Present?	Yes	Is this Sampling Point Within a Wetland?	No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Shovel Ready Site	Date:	April 6, 2006
Applicant/Owner:	Allen County	County:	Allen County
Investigators:	Annie White & Jennifer Manning	State:	Indiana

Do Normal Circumstances exist on the site?	Yes	No	Community ID:	Agricultural Field
Is the site significantly disturbed (Atypical Situation)?	Yes	No		
Is the area a potential Problem Area?	Yes	No	Transect ID:	T3
(If needed, explain on reverse.)			Plot ID:	T3P12

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	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.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 0.0%

Remarks: DOMINANCE OF NON-HYDROPHYTIC VEGETATION.
Wheat in 2005

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 to Free Water in Pit: >20 (in.)

Depth to Saturated Soil: >20 (in.)

Wetland Hydrology 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
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks: ABSENCE OF HYDROLOGY INDICATORS.

DATA FORM - CONTINUED
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Shovel Ready Site Plot ID T3P12

SOILS

Map Unit Name (Series and Phase): Blount silt loam Drainage Class: moderately well drained

Taxonomy (Subgroup): Aeric Ochraqualfs 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 4/3		
3-6	2	10YR 4/3	10YR 4/4	
>6	3	10YR 4/3-4/2	10YR 4/4	

Hydric Soil Indicators:

____	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
x	Gleyed or Low-Chroma Colors	____	Other (Explain in Remarks)

Remarks: PRESENCE OF HYDRIC SOIL INDICATORS.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? No
Wetland Hydrology Present? No
Hydric Soils Present? Yes

Is this Sampling Point Within a Wetland? No

Remarks: NON-WETLAND BASED ON ABSENCE OF POSITIVE VEGETATION AND HYDROLOGY INDICATORS.

APPENDIX B

SITE PHOTOGRAPHS

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

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

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

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

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

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

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

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

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

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

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

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

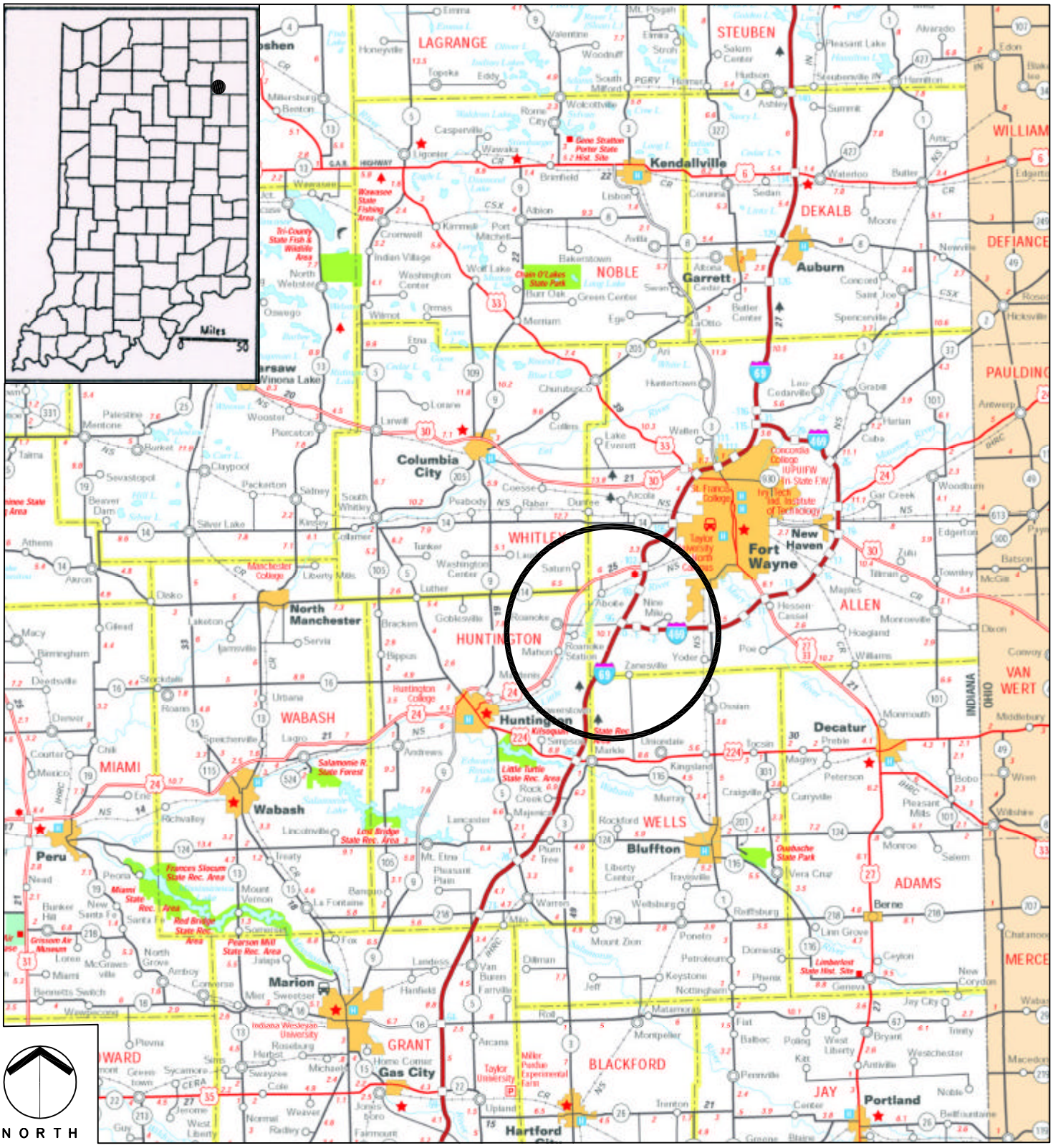
13. View north of Section XVIII. April 6, 2006.

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

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

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

SHOVEL READY SITE GRAPHICS



PURPOSE:
WETLAND
DELINEATION

PREPARED BY:

Earth Source, Inc

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

REGIONAL LOCATION MAP

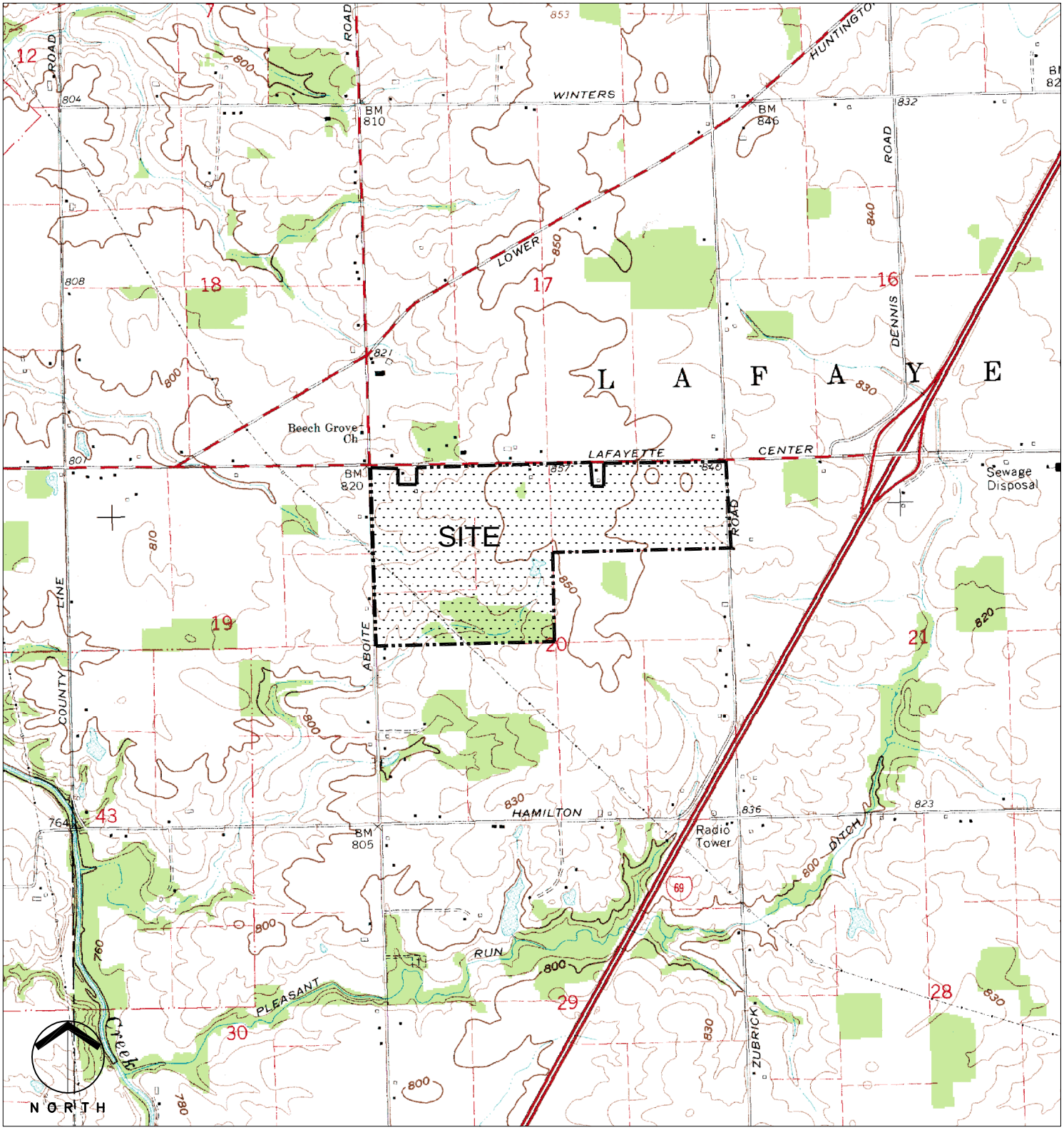
0 10 mi 20 mi

SCALE: 1" = 10 mi

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



PURPOSE:
WETLAND
DELINEATION

PREPARED BY:

Earth Source, Inc

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

LOCATION MAP

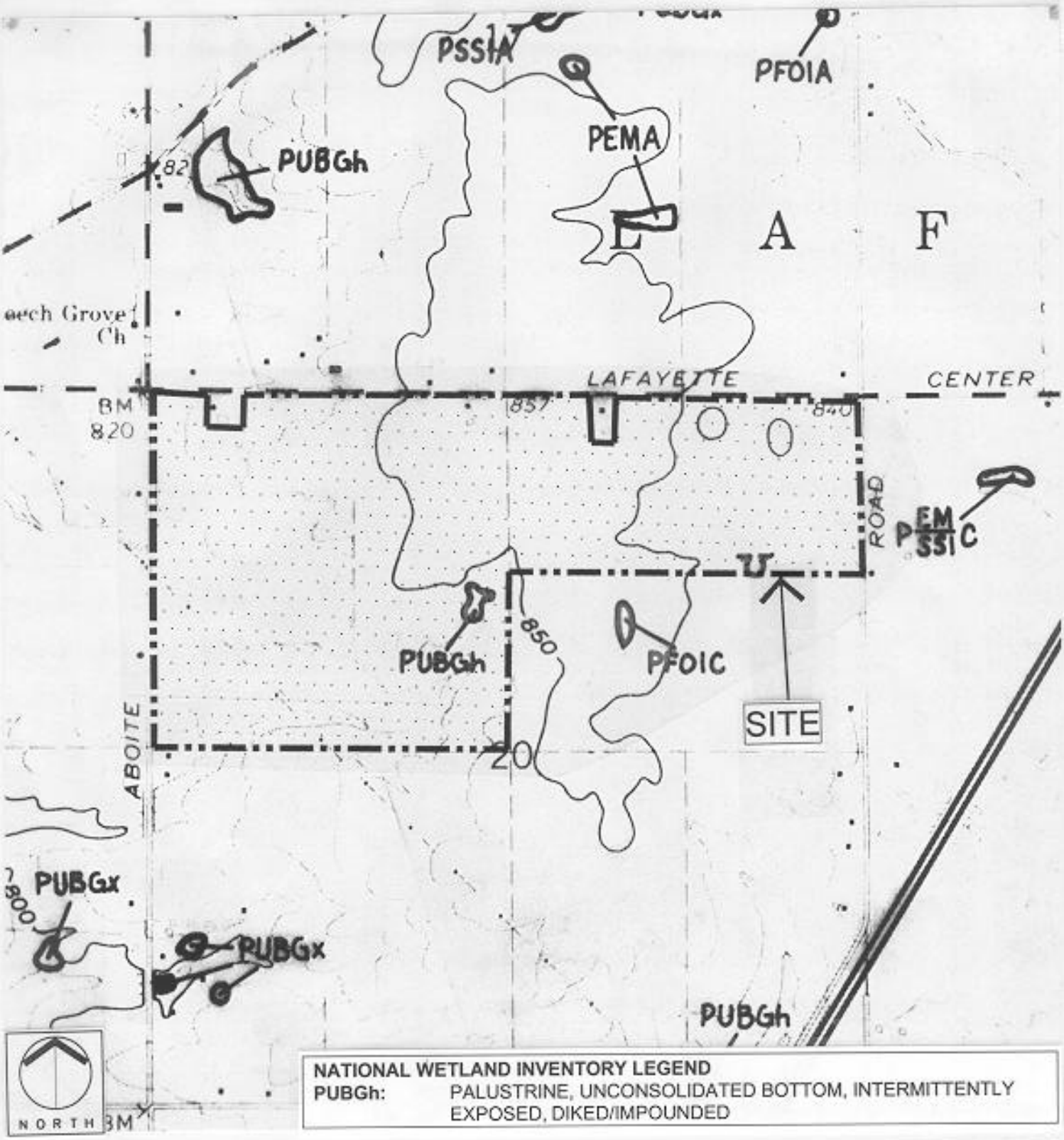
0 2000' 4000'

SCALE: 1" = 2000'

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



NATIONAL WETLAND INVENTORY LEGEND

PUBGh: PALUSTRINE, UNCONSOLIDATED BOTTOM, INTERMITTENTLY EXPOSED, DIKED/IMPOUNDED

PURPOSE:
WETLAND
DELINEATION

PREPARED BY:

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

NATIONAL WETLAND INVENTORY

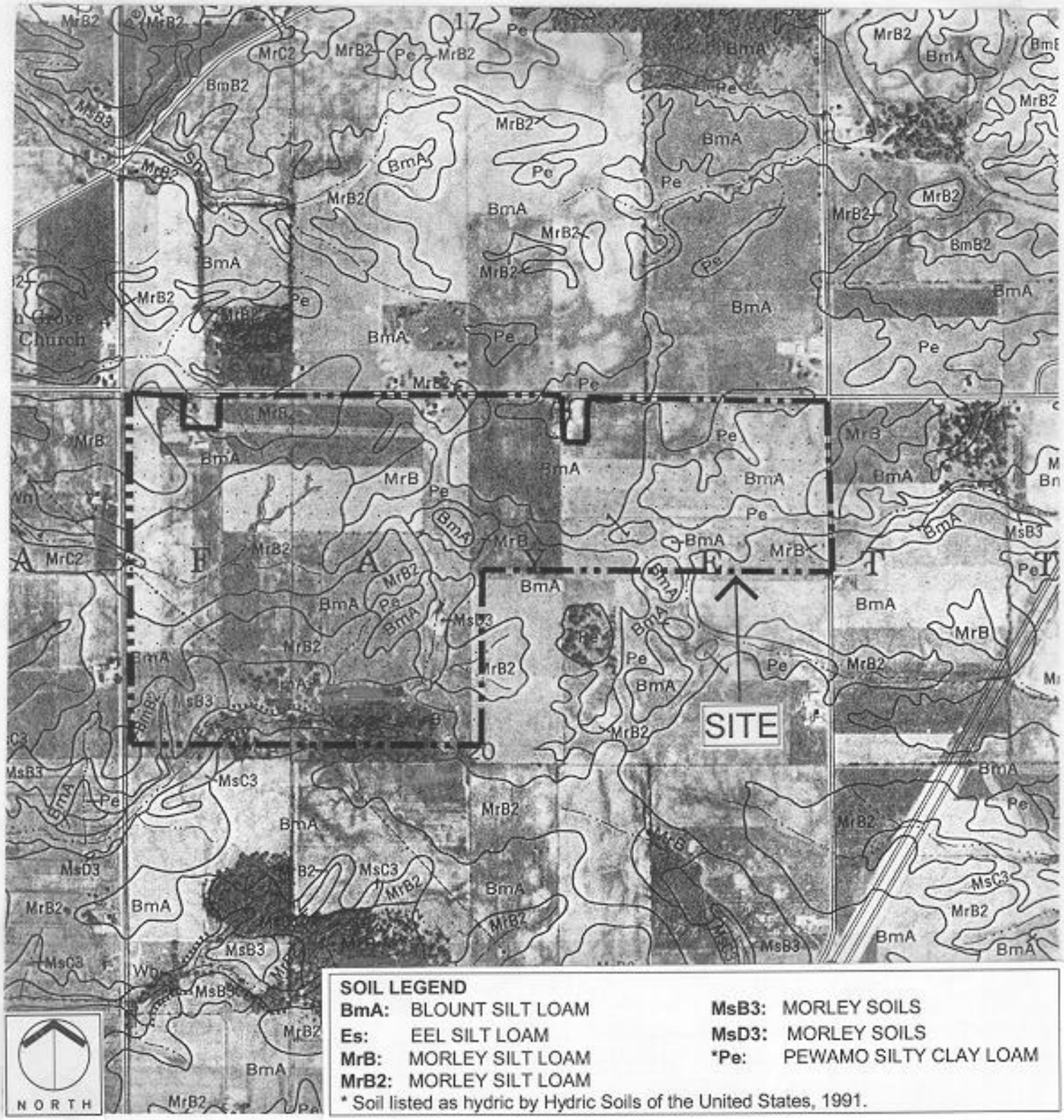
0 1000' 2000'

SCALE: 1" = 1000'

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



SOIL LEGEND

BmA:	BLOUNT SILT LOAM	**MsB3:**	MORLEY SOILS
Es:	EEL SILT LOAM	**MsD3:**	MORLEY SOILS
MrB:	MORLEY SILT LOAM	***Pe:**	PEWAMO SILTY CLAY LOAM
MrB2:	MORLEY SILT LOAM		

* Soil listed as hydric by Hydric Soils of the United States, 1991.

PURPOSE:
WETLAND
DELINEATION

PREPARED BY:

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

ALLEN COUNTY SOIL SURVEY

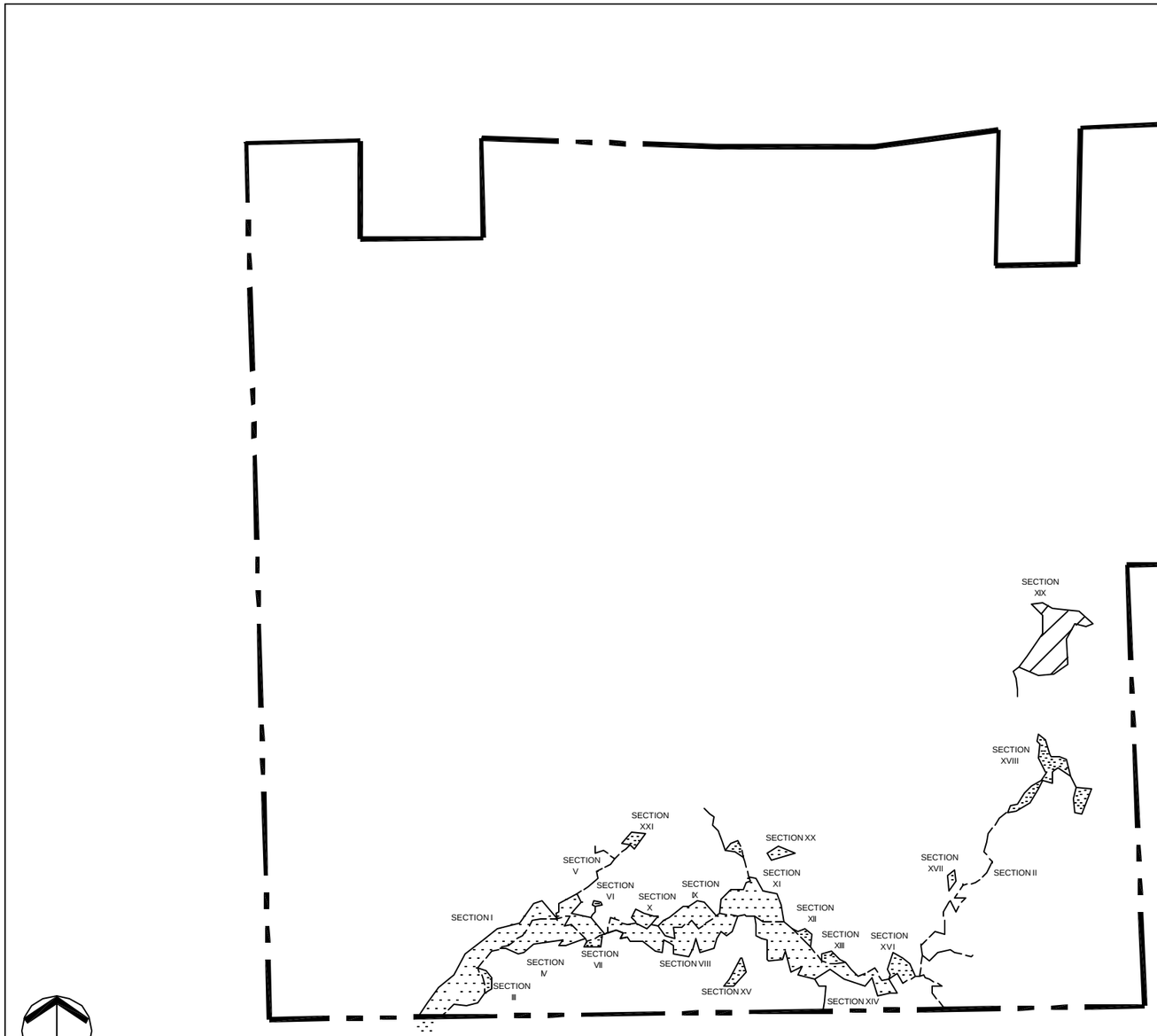
0 1000' 2000'

SCALE: 1" = 1000'

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



SUMMARY OF DELINEATION

SECTION I: 0.86 A	SECTION XII: 0.03 A
SECTION II: 3,090 L.F.	SECTION XIII: 0.03 A
SECTION III: 0.03 A	SECTION XIV: 0.61 A
SECTION IV: 0.30 A	SECTION XV: 0.06 A
SECTION V: 0.01 A	SECTION XVI: 0.10 A
SECTION VI: 0.01 A	SECTION XVII: 0.02 A
SECTION VII: 0.03 A	SECTION XVIII: 0.26 A
SECTION VIII: 0.51 A	SECTION XIX: 0.50 A
SECTION IX: 0.21 A	SECTION XX: 0.04 A
SECTION X: 0.06 A	SECTION XXI: 0.04 A
SECTION XI: 0.35 A	

LEGEND

OTHER WATERS

WATERS OF U.S.

WATERS OF U.S.

PURPOSE:
WETLAND
DELINEATION

PREPARED BY:

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

WETLAND DELINEATION

0 400 800

SCALE: 1" = 400'

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

S5 04/13/2006

SUMMARY OF DELINEATION

SECTION I: 0.86 A	SECTION XII: 0.03 A
SECTION II: 3,090 L.F.	SECTION XIII: 0.03 A
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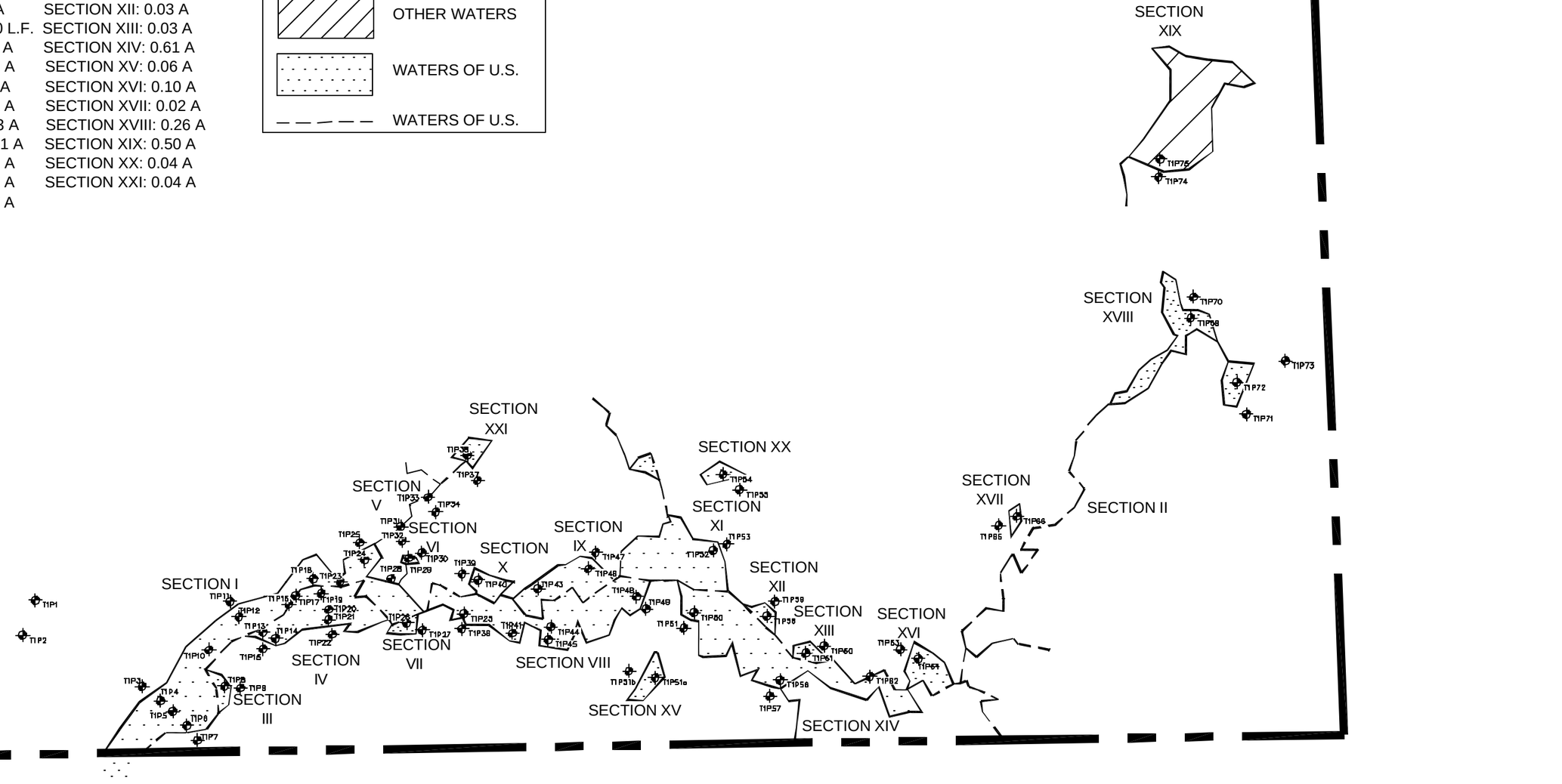
SECTION VI: 0.01 A	SECTION XVII: 0.02 A
SECTION VII: 0.03 A	SECTION XVIII: 0.26 A
SECTION VIII: 0.51 A	SECTION XIX: 0.50 A
SECTION IX: 0.21 A	SECTION XX: 0.04 A
SECTION X: 0.06 A	SECTION XXI: 0.04 A
SECTION XI: 0.35 A	

LEGEND

OTHER WATERS

WATERS OF U.S.

WATERS OF U.S.



PURPOSE:
WETLAND
DELINEATION

PREPARED BY:

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

DATA POINTS
TRANSECT 1

0 150 300

SCALE: 1" = 150'

SHOVEL READY SITE
CITY OF FORT WAYNE
630 CITY-COUNTY BUILDING
1 EAST MAIN STREET
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S6 04/13/2006

LIMITS OF DELINEATION

T3P12
T3P10
T3P3
T3P4
T3P8
T3P2
T3P7
T3P5
T3P6
T3P1
T3P9
T3P11
T2P1
T2P2
T2P4
T2P5
T2P6
T2P3

SECTION XIX

SECTION XVIII
SECTION XXI
SECTION XX
SECTION V
SECTION XI
SECTION XVII
SECTION II
SECTION VI
SECTION IX
SECTION I
SECTION X
SECTION XII
SECTION XIII
SECTION XVI
SECTION VII
SECTION IV
SECTION VIII
SECTION XV
SECTION XIV
SECTION III

NORTH

SUMMARY OF DELINEATION

SECTION I: 0.86 A	SECTION XII: 0.03 A
SECTION II: 3,090 L.F.	SECTION XIII: 0.03 A
SECTION III: 0.03 A	SECTION XIV: 0.61 A
SECTION IV: 0.30 A	SECTION XV: 0.06 A
SECTION V: 0.01 A	SECTION XVI: 0.10 A
SECTION VI: 0.01 A	SECTION XVII: 0.02 A
SECTION VII: 0.03 A	SECTION XVIII: 0.26 A
SECTION VIII: 0.51 A	SECTION XIX: 0.50 A
SECTION IX: 0.21 A	SECTION XX: 0.04 A
SECTION X: 0.06 A	SECTION XXI: 0.04 A
SECTION XI: 0.35 A	

LEGEND

OTHER WATERS

WATERS OF U.S.

WATERS OF U.S.

PURPOSE:
WETLAND
DELINEATION

PREPARED BY:

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

DATA POINTS:
TRANSECTS 2 AND 3

0 400 800

SCALE: 1" = 400'

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

S7 04/13/2006

SUMMARY OF DELINEATION

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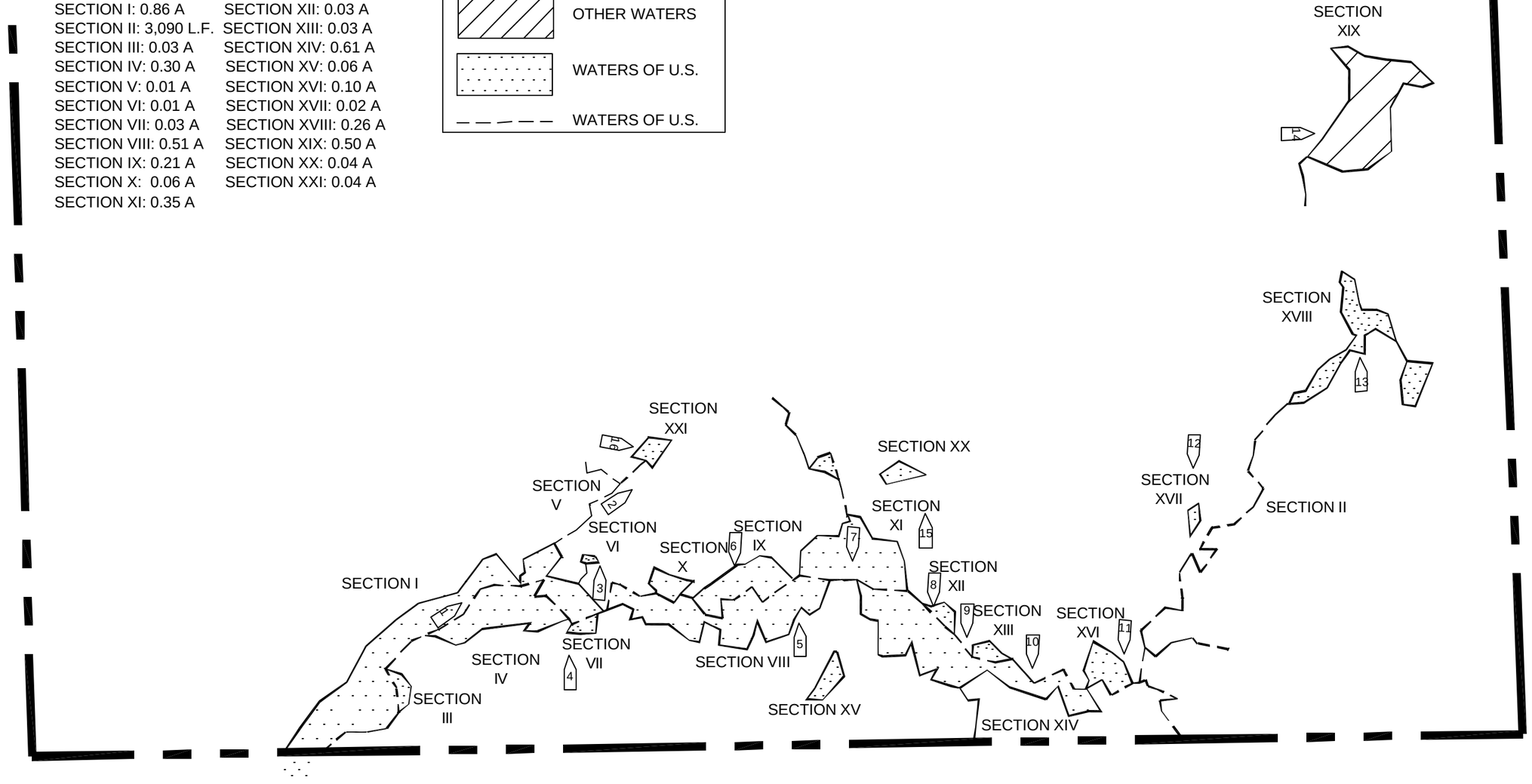
SECTION II: 3,090 L.F.	SECTION XIII: 0.03 A
SECTION III: 0.03 A	SECTION XIV: 0.61 A
SECTION IV: 0.30 A	SECTION XV: 0.06 A
SECTION V: 0.01 A	SECTION XVI: 0.10 A
SECTION VI: 0.01 A	SECTION XVII: 0.02 A
SECTION VII: 0.03 A	SECTION XVIII: 0.26 A
SECTION VIII: 0.51 A	SECTION XIX: 0.50 A
SECTION IX: 0.21 A	SECTION XX: 0.04 A
SECTION X: 0.06 A	SECTION XXI: 0.04 A
SECTION XI: 0.35 A	

LEGEND

OTHER WATERS

WATERS OF U.S.

WATERS OF U.S.



NORTH

PURPOSE:
WETLAND
DELINEATION

PREPARED BY:

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

PHOTOGRAPH LOCATIONS

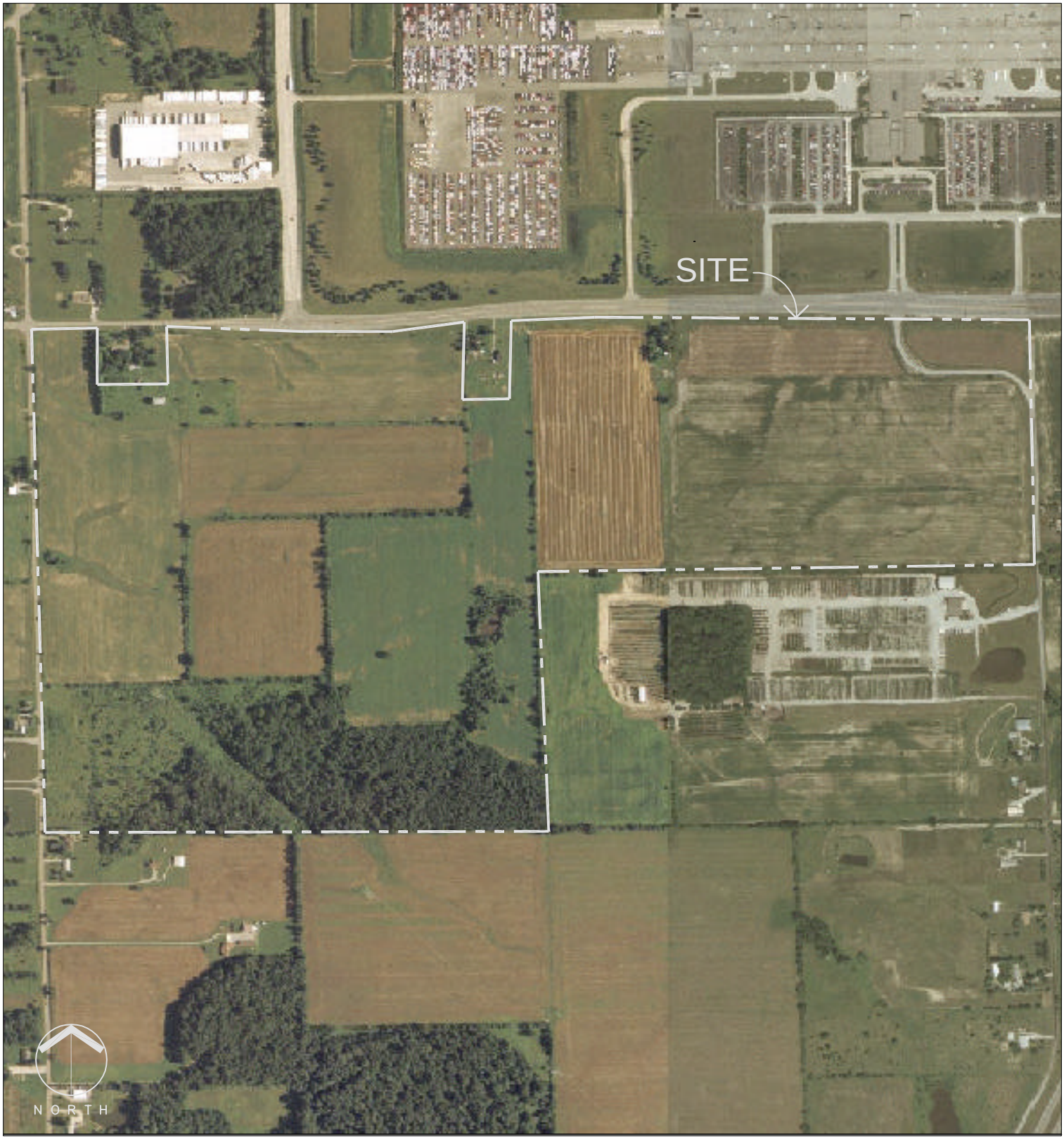
0 150 300

SCALE: 1" = 150'

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

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

0 700 1400

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

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

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