Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-B PFO (North)

Wetland 4-B PFO (East)



Wetland 4-B PFO (South)

Wetland 4-B PFO (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-C PEM (North)

Wetland 4-C PEM (East)



Wetland 4-C PEM (South)

Wetland 4-C PEM (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-D PFO (North)

Wetland 4-D PFO (East)



Wetland 4-D PFO (South)

Wetland 4-D PFO (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-E PFO (North)

Wetland 4-E PFO (East)



Wetland 4-E PFO (South)

Wetland 4-E PFO (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-E PEM (North)

Wetland 4-E PEM (East)



Wetland 4-E PEM (South)

Wetland 4-E PEM (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-F PEM (North)

Wetland 4-F PEM (East)



Wetland 4-F PEM (South)

Wetland 4-F PEM (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-G PEM (North)

Wetland 4-G PEM (East)



Wetland 4-G PEM (South)

Wetland 4-G PEM (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-H PFO (North)

Wetland 4-H PFO (East)



Wetland 4-H PFO (South)

Wetland 4-H PFO (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-I PFO (North)

Wetland 4-I PFO (East)



Wetland 4-I PFO (South)

Wetland 4-I PFO (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 5-A PEM (North)

Wetland 5-A PEM (East)





Wetland 5-A PEM (South)

Wetland 5-A PEM (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 5-B PEM (North)

Wetland 5-B PEM (East)



Wetland 5-B PEM (South)

Wetland 5-B PEM (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 5-C PSS (North)

Wetland 5-C PSS (East)



Wetland 5-C PSS (South)

Wetland 5-C PSS (West)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project **Site Location:** Allen and Putnam Cos., OH Project #: 1730



Wetland 1-A PFO (Soil)



Wetland 1-B PFO (Soil)



Wetland 1-C PSS (Soil)

Wetland 1-D PSS (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 1-E PFO (Soil)

Wetland 1-F PEM (Soil)



Wetland 1-G PEM (Soil)

Wetland 1-I PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 1-J PEM (Soil)

Wetland 1-K PSS (Soil)





Wetland 1-L PEM (Soil)

Wetland 1-M PSS (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Wetland 1-N PSS (Soil)

Wetland 1-O PEM (Soil)



Wetland 1-P PEM (Soil)



Wetland 1-Q PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Wetland 1-R PEM (Soil)

Wetland 1-S PEM (Soil)



Wetland 1-T PEM (Soil)

Wetland 1-V PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Wetland 1-H PEM (Soil)

Wetland 1-U PEM (Soil)



Wetland 1-W PEM (Soil)

Wetland 1-Z PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Wetland 1-X PEM (Soil)

Wetland 1-Y PEM (Soil)



Wetland 1-AC PEM (Soil)



Wetland 1-AE PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 1-AE PFO (Soil)

Wetland 1-AE PSS (Soil)



Wetland 1-AF PEM (Soil)



Wetland 1-AG PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Wetland 1-AH PEM (Soil)

Wetland 1-AH PSS (Soil)



Wetland 1-AH PFO (Soil)



Wetland 1-AI PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 1-AJ PFO (Soil)



Wetland 1-AK PFO (Soil)



Wetland 1-AL PEM (Soil)



Wetland 2-A PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 1-AA PEM (Soil)



Wetland 1-AB PEM (Soil)





Wetland 1-AD PEM (Soil)

Wetland 1-AF PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Wetland 2-B PEM (Soil)



Wetland 2-C PEM (Soil)



Wetland 2-D PEM (Soil)



Wetland 2-E PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Wetland 2-F PEM (Soil)



Wetland 3-A PEM (Soil)



Wetland 4-A PEM (Soil)



Wetland 4-B PEM (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-B PFO (Soil)



Wetland 4-C PEM (Soil)



Wetland 4-D PFO (Soil)



Wetland 4-E PFO (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-E PEM (Soil)



Wetland 4-F PEM (Soil)





Wetland 4-G PEM (Soil)

Wetland 4-H PFO (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Wetland 4-I PFO (Soil)



Wetland 5-A PEM (Soil)



Wetland 5-B PEM (Soil)



Wetland 5-C PSS (Soil)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project **Site Location:** Allen and Putnam Cos., OH Project #: 1730







Upland 1-A





Upland 1-B/AL

Upland 1-B/AL

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 1-C



Upland 1-C





Upland 1-D

Upland 1-D

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730







Upland 1-E





Upland 1-F

Upland 1-F

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 1-G/H



Upland 1-G/H





Upland 1-I

Upland 1-I

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: P Allen and Putnam Cos., OH

Project #: 1730



Upland 1-J



Upland 1-J





Upland 1-K/L

Upland 1-K/L

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 1-M/N



Upland 1-M/N





Upland 1-O/R/S

Upland 1-O/R/S

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 1-P/Q



Upland 1-P/Q





Upland 1-T/U

Upland 1-T/U

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 1-V/W/X



Upland 1-V/W/X





Upland 1-Y

Upland 1-Y

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 1-AA/Z



Upland 1-AA/Z





Upland 1-AB/AC

Upland 1-AB/AC

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 1-AD



Upland 1-AD





Upland 1-AE

Upland 1-AE

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project **Site Location:** Allen and Putnam Cos., OH Project #: 1730



Upland 1-AF/4-D



Upland 1-AF/4-D





Upland 1-AH/AI

Upland 1-AH/AI

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Upland 1-AJ/AK



Upland 1-AJ/AK





Upland 2-A/B

Upland 2-A/B

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 2-C



Upland 2-C



Upland 2-D/1-AG

Upland 2-D/1-AG

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 2-E/F



Upland 2-E/F





Upland 3-A

Upland 3-A

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 4-A/B/C



Upland 4-A/B/C





Upland 4-E

Upland 4-E

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH

Project #: 1730







Upland 4-F





Upland 4-G/H

Upland 4-G/H

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 4-I



Upland 4-I





Upland 5-A

Upland 5-A

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project **Site Location:** Allen and Putnam Cos., OH Project #: 1730



Upland 5-B/C



Upland 5-B/C



Upland 1-SP-001

Upland 1-SP-001

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 1-SP-002



Upland 1-SP-002



Upland 1-SP-003

Upland 1-SP-003

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Upland 1-SP-004



Upland 1-SP-004





Upland 1-SP-005

Upland 1-SP-005

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 1-SP-006



Upland 1-SP-006



Upland 1-SP-007

Upland 1-SP-007

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH

Project #: 1730



Upland 1-SP-008



Upland 1-SP-008





Upland 1-SP-009

Upland 1-SP-009

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Upland 1-SP-010



Upland 1-SP-010





Upland 3-SP-001

Upland 3-SP-001

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project **Site Location:** Allen and Putnam Cos., OH Project #: 1730



Upland 5-SP-006



Upland 5-SP-006





Upland 5-SP-007

Upland 5-SP-007

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location:ProAllen and Putnam Cos., OH

Project #: 1730





Upland 5-SP-008

Upland 5-SP-008

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-001 (Upstream)

Stream 1-001 (Downstream)





Stream 1-001 (Substrate)

Stream 1-002 (Upstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-002 (Downstream)

Stream 1-002 (Substrate)



Stream 1-003 (Upstream)

Stream 1-003 (Downstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Stream 1-003 (Substrate)

Stream 1-004 (Upstream)



Stream 1-004 (Downstream)

Stream 1-004 (Substrate)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Stream 1-005 (Upstream)

Stream 1-005 (Downstream)



Stream 1-005 (Substrate)

Stream 1-006 (Upstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-006 (Downstream)

Stream 1-006 (Substrate)



Stream 1-007 (Upstream)

Stream 1-007 (Downstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-007 (Substrate)



Stream 1-008 (Upstream)



Stream 1-008 (Downstream)



Stream 1-008 (Substrate)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Stream 1-009 (Upstream)

Stream 1-009 (Downstream)



Stream 1-009 (Substrate)

Stream 1-010 (Upstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-010 (Downstream)

Stream 1-010 (Substrate)



Stream 1-011 (Upstream)

Stream 1-011 (Downstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Stream 1-011 (Substrate)

Stream 1-012 (Upstream)



Stream 1-012 (Downstream)

Stream 1-012 (Substrate)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-013 (Upstream)

Stream 1-013 (Downstream)





Stream 1-013 (Substrate)

Stream 1-014 (Upstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-014 (Downstream)

Stream 1-014 (Substrate)



Stream 1-015 (Upstream)

Stream 1-015 (Downstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-015 (Substrate)

Stream 1-016 (Upstream)



Stream 1-016 (Downstream)

Stream 1-016 (Substrate)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-017 (Upstream)

Stream 1-017 (Downstream)



Stream 1-017 (Substrate)

Stream 1-018 (Upstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-018 (Downstream)

Stream 1-018 (Substrate)



Stream 1-019 (Upstream)

Stream 1-019 (Downstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 1-019 (Substrate)

Stream 2-001 (Upstream)



Stream 2-001 (Downstream)

Stream 2-001 (Substrate)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Stream 2-002 (Upstream)

Stream 2-002 (Downstream)



Stream 2-002 (Substrate)

Stream 2-003 (Upstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 2-003 (Downstream)

Stream 2-003 (Substrate)



Stream 2-004 (Upstream)

Stream 2-004 (Downstream)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 2-004 (Substrate)

Stream 4-001 (Upstream))





Stream 4-001 (Downstream)

Stream 4-001 (Substrate)

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH



Stream 4-002 (Upstream)

Stream 4-002 (Downstream)





Stream 4-002 (Substrate)

Stream 5-001 (Upstream)

Environmental Solutions & Innovations, Inc. Photo Documentation

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH Project #: 1730



Stream 5-001 (Downstream)

Stream 5-001 (Substrate)





Pond 1-P-001

Pond 1-P-002

Environmental Solutions & Innovations, Inc. Photo Documentation

Client/Site Name:

AEP Lima to Fort Wayne 138 kV Rebuild Project

Site Location: Allen and Putnam Cos., OH

Project #: 1730





Pond 1-P-002

Pond 1-P-002

APPENDIX H WETLAND AND STREAM DATASHEETS



	RM – Northcentral and Northeast Region
Project/Site: AEP North Delphos - Rockhill City/C	county: Fort Jennings / Putnam Sampling Date: 2021-06-28
	State: Ohio Sampling Point: 1-A
Investigator(s): J. Holmes E. Wilson Section	on, Township, Range: S005, T002, R005
Landform (hillslope, terrace, etc.): Depression Local reli	
Subregion (LRR or MLRA): <u>A</u> Lat: <u>40.894800</u>	Long: -84.305147 Datum: WGS 84
	NWI classification: PFO1C
Are climatic / hydrologic conditions on the site typical for this time of year? Y	es No (If no explain in Remarks)
Are Vegetation, Soil, or Hydrology significantly disturb	
Are Vegetation, Soil, or Hydrology naturally problema	
SUMMARY OF FINDINGS – Attach site map showing sam	
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area within a Wetland? Yes No
Hydric Soil Present? Yes <u>✓</u> No	
Wetland Hydrology Present? Yes <u>Ves</u> No	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
Representative of a forested wetland along the	edge of the AOI.
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leaves High Water Table (A2) Aquatic Fauna (B13)	
Aquate Fable (A2) Aquate Fable (A3) Marl Deposits (B15)	Moss Thin Lines (BT0) Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Odd	
Video Marks (D1) Nydrogen Gambe Gamb	
Drift Deposits (B3) Presence of Reduced	
Algal Mat or Crust (B4) Recent Iron Reductio	
Iron Deposits (B5) Thin Muck Surface (C	
Inundation Visible on Aerial Imagery (B7) Other (Explain in Ren	
Sparsely Vegetated Concave Surface (B8)	✓ FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No 🖌 Depth (inches):	
Water Table Present? Yes No 🖌 Depth (inches):	
Saturation Present? Yes No 🖌 Depth (inches):	─────────────────────────────────────
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious inspections), if available:
Remarks:	
Multiple wetland hydrology indicators were pre	sent at the time of sampling.

Tree Stratum (Plot size: 30 ft r)	Absolute	Dominant		Dominance Test worksheet:
<u>Tree Stratum</u> (Plot size: <u>30 ft r</u>) 1 Celtis occidentalis	<u>% Cover</u> 20	<u>Species?</u> ✓	<u>Status</u> FAC	Number of Dominant Species
2. Ulmus americana		✓		That Are OBL, FACW, or FAC: <u>5</u> (A)
3. Acer negundo			FAC	Total Number of Dominant Species Across All Strata: <u>5</u> (B)
4				()
5				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
6				
				Prevalence Index worksheet:
7		Tatal Oa		
a region de la contra de la 15 ft r	33%	= Total Co	ver	OBL species0 $x = 0$ FACW species55 $x = 110$
Sapling/Shrub Stratum (Plot size: 15 ft r)	F	1	FAC	FAC species 45 x 3 = 135
1. Acer negundo				FACU species $0 \times 4 = 0$
2. Celtis occidentalis	5	<u> </u>	FAC	UPL species 0 $x 5 = 0$
3			. <u> </u>	Column Totals: 100 (A) 245 (B)
4				
5				Prevalence Index = B/A = 2.45
6				Hydrophytic Vegetation Indicators:
7	<u> </u>			1 - Rapid Test for Hydrophytic Vegetation
	100/	= Total Co	ver	✓ 2 - Dominance Test is >50%
Herb Stratum (Plot size: 5 ft r)				\checkmark 3 - Prevalence Index is ≤3.0 ¹
1. Elymus virginicus	40	1	FACW	4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
2. Sanicula odorata	10		FAC	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Verbesina alternifolia	5		FACW	
4				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5	<u> </u>			Definitions of Vegetation Strata:
6				-
7				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
8				
9				Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
10				Herb – All herbaceous (non-woody) plants, regardless
11				of size, and woody plants less than 3.28 ft tall.
12.				Woody vines – All woody vines greater than 3.28 ft in
12.	55%			height.
20 ft r	5578	= Total Co	ver	
Woody Vine Stratum (Plot size: <u>30 ft r</u>)				
1			·	
2			<u> </u>	
3				Hydrophytic Venetation
4			. <u> </u>	Vegetation Present? Yes <u>✓</u> No
		= Total Co	ver	
Remarks: (Include photo numbers here or on a separate	sheet.)			
A preponderance of hydrophytic veg	getatior	n is pre	sent.	
		•		

SOIL

Profile Desc	cription: (Describe	to the dep	oth needed to docu	ment the	indicator	or confirm	n the absence of	of indicators.)
Depth (inches)	<u>Matrix</u> Color (moist)	%	Redo Color (moist)	<u>ox Feature</u> %	es Type ¹	Loc ²	Texture	Remarks
<u>(incries)</u> 0 - 5	10YR 3/1	100		70	<u> </u>		Silt Loam	Remarks
5 - 20	10YR 4/2	95	10YR 5/6	5	<u> </u>	М	Silt Loam	
-								
							<u> </u>	
-								
1 <u></u>			- Deduced Motrix M			-!	21 agention:	DI - Dava Lizian M-Matrix
Hydric Soil			=Reduced Matrix, M	S=IVIaske	d Sanu Gi	ains.		PL=Pore Lining, M=Matrix.
Histosol			Polyvalue Belo	w Surface	• (S8) (LR I	R.		luck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		MLRA 149B		(00) (=	•,		Prairie Redox (A16) (LRR K, L, R)
Black Hi	istic (A3)		Thin Dark Surfa) 5 cm M	lucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Mucky I			, L)		urface (S7) (LRR K, L)
	d Layers (A5) d Below Dark Surfac	ο (Δ11)	Loamy Gleyed		2)			lue Below Surface (S8) (LRR K, L) ark Surface (S9) (LRR K, L)
-	ark Surface (A12)		Redox Dark Su)			anganese Masses (F12) (LRR K, L, R)
	/ucky Mineral (S1)		Depleted Dark					ont Floodplain Soils (F19) (MLRA 149B)
	Bleyed Matrix (S4)		Redox Depress	sions (F8)				Spodic (TA6) (MLRA 144A, 145, 149B)
	Redox (S5)							arent Material (F21)
	l Matrix (S6) rface (S7) (LRR R,	MI RA 1491	B)					hallow Dark Surface (TF12) Explain in Remarks)
			-)					
			etland hydrology mus	st be pres	ent, unles	s disturbed	or problematic	
Restrictive I	Layer (if observed)	•						
Туре:								
Depth (ind	ches):						Hydric Soil	Present? Yes 🧹 No
Remarks:								
The soil	nrofile meet	e the c	riteria for hav	vina a	denlet	ed ma	triv	
	prome meet	S THE C		ving a	uepie	eu ma		

Project/Site: AEP North Delphos - Rockhill	City/County: Fort Jennings	/ Putnam _{Sa}	ampling Date: 20	21-06-28
Applicant/Owner: AEP		State [,] Ohio	Sampling Point:	
Investigator(s): J. Holmes E. Wilson	Section, Township, Range:	S005, T002, R	005	
Landform (hillslope, terrace, etc.): Upland, Flat Lo	cal relief (concave, convex, nor	_{ne):} None	Slope ((%): <u>1</u>
Subregion (LRR or MLRA): Lat: 40.894814	Long: _ -84 .	304987	Datum:	WGS 84
Soil Map Unit Name: <u>So</u>		NWI classificatio	on: PFO1C	
Are climatic / hydrologic conditions on the site typical for this time of ye	ear? Yes No 🗹			
Are Vegetation, Soil, or Hydrology significantly	disturbed? Are "Normal	Circumstances" pres	ent? Yes	No 🖌
Are Vegetation, Soil, or Hydrology naturally pro	oblematic? (If needed, e	xplain any answers ir	n Remarks.)	
SUMMARY OF FINDINGS – Attach site map showing	a sampling point locatio	ns, transects, in	nportant feat	ures, etc.

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes Yes Yes	No <u>✓</u> No <u>✓</u> No <u>✓</u>	Is the Sampled Area within a Wetland? Yes No If yes, optional Wetland Site ID:				
Remarks: (Explain alternative procedures here or in a separate report.) Flat bank outside wetland.							

HYDROLOGY

Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leaves (B9)	Drainage Patterns (B10)
High Water Table (A2) Aquatic Fauna (B13)	Moss Trim Lines (B16)
Saturation (A3) Marl Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2) Oxidized Rhizospheres on Living Roo	ts (C3) Saturation Vis ble on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface (C7)	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No 🖌 Depth (inches):	
Water Table Present? Yes No 🖌 Depth (inches):	
Saturation Present? Yes No <u>✓</u> Depth (inches): Wo (includes capillary fringe)	etland Hydrology Present? Yes No 🗹
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections	s), if available:
Remarks:	
No primary and or secondary wetland hydrology indicator	rs were present at the time of
sampling	•
Samping	

Sampling Point: <u>1-A UPL</u>

Tree Stratum (Plot size: 30 ft r)	Absolute % Cover	Dominant Species?	t Indicator Status	Dominance Test worksheet:
1				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)
2				Total Number of Dominant
3				Species Across All Strata: <u>2</u> (B)
4				Percent of Dominant Species That Are OBL_EACW, or EAC: 50 (A/B)
5				That Are OBL, FACW, or FAC: <u>50</u> (A/B)
6				Prevalence Index worksheet:
7				
Destruction of the contract of the second seco		= Total Co	ver	OBL species0 $x = 0$ FACW species55 $x = 110$
Sapling/Shrub Stratum (Plot size: 15 ft r)				FAC species 0 $x_3 = 0$
1				FACU species 40 $x_4 = 160$
2				UPL species $0 \times 5 = 0$
3				Column Totals: 95 (A) 270 (B)
4				
5				Prevalence Index = B/A = 2.8
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
		= Total Co	ver	2 - Dominance Test is >50%
Herb Stratum (Plot size: 5 ft r)				3 - Prevalence Index is ≤3.0 ¹
1. Phalaris arundinacea	55	✓	FACW	 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. Phleum pratense	25	✓	FACU	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Ipomoea purpurea	15		FACU	1. The transformer of the state of the set of the state o
4				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5				Definitions of Vegetation Strata:
6				
7				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
8				Sapling/shrub – Woody plants less than 3 in. DBH
9				and greater than or equal to 3.28 ft (1 m) tall.
10				Herb – All herbaceous (non-woody) plants, regardless
11			·	of size, and woody plants less than 3.28 ft tall.
12				Woody vines – All woody vines greater than 3.28 ft in
	95%	= Total Co	ver	height.
Woody Vine Stratum (Plot size: 30 ft r)				
1				
2				
3				Hydrophytic Vegetation
4				Present? Yes No 🗸
Demoriko, (includo aboto aumboro boro or en o concreto		= Total Co	ver	
Remarks: (Include photo numbers here or on a separate s	sneet.)			

		to the dep				or confirn	n the absence of indic	cators.)
Depth (inches)	<u>Matrix</u> Color (moist)	%	Color (moist)	<u>ox Feature</u> %	s Type ¹	Loc ²	Texture	Remarks
0 - 20	10YR 4/3	100					Silt Loam	
	1011(4/0							
							·	
_								
					·		·	
					·	. <u> </u>		
-								
					·	·		
					. <u> </u>	. <u> </u>	·	
-								
					·			
					·			
<u> </u>					<u> </u>			
		pletion, RM=	Reduced Matrix, M	S=Masked	d Sand Gra	ains.		ore Lining, M=Matrix.
Hydric Soil	Indicators:							blematic Hydric Soils ³ :
Histosol			Polyvalue Belo		(S8) (LRF	RR,		0) (LRR K, L, MLRA 149B)
-	pipedon (A2)		MLRA 149B			DA 440D		Redox (A16) (LRR K, L, R)
Black Hi	n Sulfide (A4)		Thin Dark Surf					eat or Peat (S3) (LRR K, L, R) S7) (LRR K, L)
	Layers (A5)		Loamy Gleyed			, ⊑)		w Surface (S8) (LRR K, L)
	Below Dark Surfac	ce (A11)	Depleted Matri		- /		-	ace (S9) (LRR K, L)
Thick Da	ark Surface (A12)		Redox Dark Su				Iron-Manganes	se Masses (F12) (LRR K, L, R
	lucky Mineral (S1)		Depleted Dark		=7)			dplain Soils (F19) (MLRA 149
	leyed Matrix (S4)		Redox Depress	sions (F8)				(TA6) (MLRA 144A, 145, 149E
-	edox (S5) Matrix (S6)						Red Parent Ma	aterial (F21) Dark Surface (TF12)
	rface (S7) (LRR R, I	MI RA 149F	3)				Other (Explain	
			-)					in richance)
³ Indicators of	f hydrophytic vegeta	ation and we	tland hydrology mu	st be pres	ent, unless	s disturbec	l or problematic.	
Restrictive I	_ayer (if observed)	:						
Туре:								
Depth (ind	ches):						Hydric Soil Presen	t? Yes No 🗹
Remarks:	,							
				:- f			il in die stand	
The soll	prome does	not me	et the criter	la for a	any ny	aric so	oil indicators	
1								
1								

Project/Site: 1730 AEP North	Delphos - Rockhil	Delineation City/C	County: Fort Jennings	s/ Putnam Sampl	ing Date: 2021-06-29	
Applicant/Owner: AEP		•		State: OhioSan	-	
Investigator(s): <u>E. Wilson, J. H</u>	lolmes			S004, T002, F	R005	
	Flaadelain	Section	on, Township, Range:	Nono	0	
Landform (hillslope, terrace, etc.						
Subregion (LRR or MLRA): L 9						
Soil Map Unit Name: So				NWI classification:		
Are climatic / hydrologic condition	ns on the site typical f	or this time of year? Y	′es 🗾 No	(If no, explain in Remarks	.)	
Are Vegetation, Soil	, or Hydrology	significantly distur	bed? Are "Norma	I Circumstances" present?	? Yes 🖌 No	
Are Vegetation, Soil	, or Hydrology	naturally problema	atic? (If needed,	explain any answers in Re	emarks.)	
SUMMARY OF FINDINGS	3 – Attach site m	nap showing sam	pling point location	ons, transects, impo	ortant features, etc.	
Hydrophytic Vegetation Presen Hydric Soil Present? Wetland Hydrology Present?	Yes✔ Yes_✔	No No		Yes ✓ No		
Remarks: (Explain alternative	procedures here or in	a separate report.)				
PFO wetland that al	outs to large p	berennial strea	am (Auglaize Ri	ver).		
HYDROLOGY						
Wetland Hydrology Indicator	s:			Secondary Indicators (m	inimum of two required)	
Primary Indicators (minimum of	one is required; chec	k all that apply)		Surface Soil Cracks	(B6)	
Surface Water (A1)		Water-Stained Leave	s (B9)	✓ Drainage Patterns (E	310)	
High Water Table (A2)		Aquatic Fauna (B13)		Moss Trim Lines (B16)		
Saturation (A3)	_	Marl Deposits (B15)		Dry-Season Water T	able (C2)	
🖌 Water Marks (B1)		Hydrogen Sulfide Od		Crayfish Burrows (C		
Sediment Deposits (B2)			es on Living Roots (C3)		n Aerial Imagery (C9)	
Drift Deposits (B3)		Presence of Reduced		Stunted or Stressed		
Algal Mat or Crust (B4)		Recent Iron Reductio		Geomorphic Position		
Iron Deposits (B5)		Thin Muck Surface (C		Shallow Aquitard (D	,	
Inundation Visible on Aeria		Other (Explain in Rer	narks)	 ✓ Microtopographic Re ✓ FAC-Neutral Test (D 		
Sparsely Vegetated Conca Field Observations:	ve Surface (B8)			▼ FAC-Neutral Test (L	J5)	
		_ Depth (inches):				
		_ Depth (inches):				
Saturation Present?		_ Depth (inches):		Hydrology Present? Ye	es 🗸 No	
(includes capillary fringe)						
Describe Recorded Data (strea	m gauge, monitoring v	well, aerial photos, pre	vious inspections), if ava	ailable:		
Remarks:						
Hydrology indicator	s are present.					

	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: <u>30 ft r</u>)		Species?		Number of Dominant Species
1. Acer negundo	15	<u> </u>	FAC	That Are OBL, FACW, or FAC: 7 (A)
2. Celtis occidentalis	10	✓	FAC	Total Number of Dominant
3. Platanus occidentalis	10	✓	FACW	Species Across All Strata: <u>7</u> (B)
4. Quercus macrocarpa	5		FACU	Percent of Dominant Species
5				That Are OBL, FACW, or FAC: <u>100</u> (A/B)
6			·	Prevalence Index worksheet:
7			·	Total % Cover of: Multiply by:
	40%	= Total Cov	/er	OBL species $\frac{10}{60}$ x 1 = $\frac{10}{120}$
Sapling/Shrub Stratum (Plot size: 15 ft r)				FACW species 60 x 2 = 120
1. Acer negundo	10	✓	FAC	FAC species $\frac{40}{5}$ x 3 = $\frac{120}{20}$
2. Platanus occidentalis	5	✓	FACW	1 ACO species x4 =
3				
4				Column Totals: <u>115</u> (A) <u>270</u> (B)
				Prevalence Index = $B/A = \frac{2.3}{2.3}$
5				
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
	15%	= Total Cov	/er	\checkmark 2 - Dominance Test is >50%
Herb Stratum (Plot size: 5 ft r)				\checkmark 3 - Prevalence Index is $\leq 3.0^1$
1. Verbesina alternifolia	20	~	FACW	4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
2. Solidago gigantea	15	√	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Boehmeria cylindrica	10		OBL	
4. Carex grayi	10		FACW	¹ Indicators of hydric soil and wetland hydrology must
5. Toxicodendron radicans	5		FAC	be present, unless disturbed or problematic.
				Definitions of Vegetation Strata:
6				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7				at breast height (DBH), regardless of height.
8				Sapling/shrub – Woody plants less than 3 in. DBH
9	_			and greater than or equal to 3.28 ft (1 m) tall.
10				Herb – All herbaceous (non-woody) plants, regardless
11				of size, and woody plants less than 3.28 ft tall.
12.				Woody vines – All woody vines greater than 3.28 ft in
	60%	= Total Cov		height.
20 ft r	00/0		/er	
Woody Vine Stratum (Plot size: <u>30 ft r</u>)				
1			·	
2			. <u> </u>	
3				Hydrophytic
4				Vegetation Present? Yes Vo
		= Total Cov	/er	
Remarks: (Include photo numbers here or on a separate	sheet.)			
Hydrophytic vegetation is present				

SOIL

		to the dep	th needed to docur			or confirm	the absence	of indicators.)	
Depth (inches)	<u>Matrix</u> Color (moist)	%	Color (moist)	x Feature %	<u>es</u> Type ¹	Loc ²	Texture	Remark	KS
0 - 20	7.5YR 3/2	92	10YR 4/4	8	С	М	Sandy Clay		
				·					
			-						
				·					<u> </u>
				·					
-									
				·			·		
				·					
-									
-									
					_				
¹ Type: C=C	oncentration. D=Der	letion. RM:	Reduced Matrix, MS	S=Maske	d Sand Gr	ains	² Location	PL=Pore Lining, M=I	Matrix
Hydric Soil								for Problematic Hyd	
Histosol			Polyvalue Belov		ə (S8) (LR	R R,		luck (A10) (LRR K, L,	,
	pipedon (A2)		MLRA 149B)					Prairie Redox (A16) (L	
Black Hi Hvdroge	en Sulfide (A4)		Thin Dark Surfa					lucky Peat or Peat (S3 urface (S7) (LRR K, L	
	d Layers (A5)		Loamy Gleyed			, ,		lue Below Surface (S8	
-	d Below Dark Surfac	e (A11)	✓ Depleted Matrix					ark Surface (S9) (LRR	
	ark Surface (A12) /lucky Mineral (S1)		Redox Dark Su Depleted Dark					anganese Masses (F1 ont Floodplain Soils (F	
	Gleyed Matrix (S4)		Redox Depress					Spodic (TA6) (MLRA 1	
Sandy R	Redox (S5)			. ,			Red Pa	arent Material (F21)	
	l Matrix (S6)		•					hallow Dark Surface (⁻	TF12)
Dark Su	rface (S7) (LRR R, I	VILKA 1496	3)				Other (Explain in Remarks)	
³ Indicators o	f hydrophytic vegeta	tion and we	etland hydrology mus	t be pres	sent, unles	s disturbed	or problematic		
	Layer (if observed)								
Туре: <u>N</u> /	A								
	ches):						Hydric Soil	Present? Yes 🧹	No
Remarks:									
Hydric s	oils are pres	ent							
-	•								

Project/Site: AEP North Delphos - Rockhill	City/County: Fort Jennir	ngs / Putnam	_ Sampling Date: 2021-06-28
			Sampling Point: 1-B/AL UPL
Investigator(s): J. Holmes E. Wilson	Section, Township, Range		002, R005
Landform (hillslope, terrace, etc.): Upland, Flat	Local relief (concave, convex,	, _{none):} None	Slope (%): <u>1</u>
Landform (hillslope, terrace, etc.): Upland, Flat Subregion (LRR or MLRA): L99 Lat: 40.89266	2 Long: _	-84.294972	Datum: WGS 84
Are climatic / hydrologic conditions on the site typical for this time of			
Are Vegetation, Soil, or Hydrology significar			present? Yes No
Are Vegetation, Soil, or Hydrology naturally	problematic? (If neede	ed, explain any answe	ers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showi	ng sampling point loca	ations, transects	s, important features, etc.
Hydrophytic Vegetation Present? Yes No	Is the Sampled Are		,
Hydric Soil Present? Yes No 🖌	within a Wetland?	Yes	No
Wetland Hydrology Present? Yes No _		tland Site ID:	
Remarks: (Explain alternative procedures here or in a separate re	port.)		
Flat existing row outside wetland. Repres	entative of row wi	th invasive sr	pecies present.
		·	•

HYDROLOGY

Wetland Hydrology Indicato	rs:		Secondary Indicators (minimum of two required)		
Primary Indicators (minimum	<u>of one is required; che</u>	Surface Soil Cracks (B6)			
Surface Water (A1)	_	Drainage Patterns (B10)			
High Water Table (A2)	_	_ Aquatic Fauna (B13)		Moss Trim Lines (B16)	
Saturation (A3)	_	_ Marl Deposits (B15)		Dry-Season Water Table (C2)	
Water Marks (B1)	_	_ Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)	
Sediment Deposits (B2)	_	_ Oxidized Rhizospheres on Living	Roots (C3)	Saturation Vis ble on Aerial Imagery (C9)	
Drift Deposits (B3)	_	Presence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)	
Algal Mat or Crust (B4)		_ Recent Iron Reduction in Tilled So	oils (C6)	Geomorphic Position (D2)	
Iron Deposits (B5)		_ Thin Muck Surface (C7)		Shallow Aquitard (D3)	
Inundation Visible on Aer	ial Imagery (B7)	Other (Explain in Remarks)		Microtopographic Relief (D4)	
Sparsely Vegetated Conc	ave Surface (B8)			FAC-Neutral Test (D5)	
Field Observations:		-			
Surface Water Present?	Yes No 🗹	_ Depth (inches):			
Water Table Present?	Yes No 🗹	_ Depth (inches):			
Saturation Present? (includes capillary fringe)		_ Depth (inches):	Wetland I	Hydrology Present? Yes No _✓	
Describe Recorded Data (stre	am gauge, monitoring	well, aerial photos, previous inspec	ctions), if ava	ailable:	
Remarks:					
No primary and or s sampling	secondary we	tland hydrology indica	ators we	ere present at the time of	

Sampling Point: <u>1-B/AL UPL</u>

Tree Stratum (Plot size: 30 ft r) % Cover Species? Status Number of Dominant Species 1.	
1 ⁻¹ · That Are OBL, FACW, or FAC: 1	
	(A)
2 Total Number of Dominant	
3. Species Across All Strata: 2	(B)
4 Percent of Dominant Species	
5 That Are OBL, FACW, or FAC: 50	(A/B)
r revalence index worksheet.	
7 Total % Cover of: Multiply by:	_
	_
	_
1	_
	_
UPL species $\underline{}$ $x_5 = \underline{}$	
3.	_ (B)
Provolence Index = P/A = -2.9	
	_
6 Hydrophytic Vegetation Indicators:	
7 1 - Rapid Test for Hydrophytic Vegetation	
= Total Cover 2 - Dominance Test is >50%	
Herb Stratum (Plot size: 5 ft r)	
1. Phalaris arundinacea 55 ✓ FACW 4 - Morphological Adaptations ¹ (Provide sup data in Remarks or on a separate sheet)	porting
	in)
	,
3. <u>Ipomoea purpurea</u> 10 FACU ¹ Indicators of hydric soil and wetland hydrology	nust
4 be present, unless disturbed or problematic.	
5 Definitions of Vegetation Strata:	
6.	
7.	ameter
8 Sapling/shrub – Woody plants less than 3 in. D 9 and greater than or equal to 3.28 ft (1 m) tall.	вн
10 Herb – All herbaceous (non-woody) plants, rega	rdless
11. of size, and woody plants less than 3.28 ft tall.	
12 Woody vines – All woody vines greater than 3.2	8 ft in
<u>100%</u> = Total Cover	
Woody Vine Stratum (Plot size: 30 ft r)	
¹	
2	
3 Hydrophytic	
4 Vegetation Present? Yes <u>✓</u> No	
= Total Cover	
Remarks: (Include photo numbers here or on a separate sheet.)	
A prepared repared of budrau butic vegetation is present	
A preponderance of hydrophytic vegetation is present.	

Profile Desc	cription: (Describe	to the dept	n needed to docu	nent the i	ndicator	or confirn	n the absence of indi	cators.)	
Depth	Matrix			x Feature	s				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	
0 - 20	10YR 4/3	100					Silt Loam		
-									
_									
-									
-									
				·			·		
							·		
-									
						<u> </u>	·		
_									
·							· ·		
¹ Type: C=Co	oncentration, D=Dep	letion, RM=F	Reduced Matrix, M	S=Maskec	Sand Gr	ains.	² Location: PL=P	ore Lining, M=Matrix	• -
Hydric Soil	ndicators:						Indicators for Pro	oblematic Hydric So	ils ³ :
Histosol		_	Polyvalue Belo	w Surface	(S8) (LRF	RR,	2 cm Muck (A	10) (LRR K, L, MLR	A 149B)
	oipedon (A2)		MLRA 149B					Redox (A16) (LRR K	
	stic (A3)	_	Thin Dark Surfa					Peat or Peat (S3) (LR	R K, L, R)
	en Sulfide (A4)	-	Loamy Mucky N			, L)		(S7) (LRR K, L)	
	d Layers (A5)		Loamy Gleyed		:)			ow Surface (S8) (LR	
	d Below Dark Surfac ark Surface (A12)	e (A11) _	Depleted Matrix Redox Dark Su					face (S9) (L RR K, L) se Masses (F12) (LF	
	lucky Mineral (S1)	-	Redux Dark Su Depleted Dark				-	odplain Soils (F12) (LF	
	Gleyed Matrix (S4)	_	Redox Depress		')			(TA6) (MLRA 144A ,	
	Redox (S5)	-					Red Parent M		140, 1400)
-	Matrix (S6)							Dark Surface (TF12)	
	rface (S7) (LRR R, I	MLRA 149B)					Other (Explain		
		,						,	
³ Indicators o	f hydrophytic vegeta	tion and wet	land hydrology mus	st be prese	ent, unless	s disturbed	l or problematic.		
Restrictive I	Layer (if observed):	:							
Type:									
Depth (in	ches):						Hydric Soil Preser	nt? Yes	No 🖌
	ches).						,		
Remarks:									
The soil	profile does	not mee	et the criteri	a for a	ny hy	dric so	oil indicators		

Project/Site: 1730 AEP North Delphos - Rockhill Delineation City/C	County: Rimer/ Putnam Sampling Date: 2021-06-29
Applicant/Owner: AEP	State: OhioSampling Point: 1-C
Investigator(s): E. Wilson, J. Holmes Section	
Landform (hillslope, terrace, etc.): Depression Local rel	
Subregion (LRR or MLRA): L 99 Lat: 40.8686729	
	Datum
Soil Map Unit Name: <u>HtA</u>	
Are climatic / hydrologic conditions on the site typical for this time of year? Y	
Are Vegetation, Soil, or Hydrology significantly distur	
Are Vegetation, Soil, or Hydrology naturally problema	atic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing same	npling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes <u>/</u> No	Is the Sampled Area
Hydric Soil Present? Yes No	within a Wetland? Yes 🗹 No
Wetland Hydrology Present? Yes <u>V</u> No	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
PSS wetland within ROW. Wetland meets all the	
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leave	
High Water Table (A2) Aquatic Fauna (B13)	
Saturation (A3) Marl Deposits (B15) Water Marks (B1) Hydrogen Sulfide Od	or (C1) Dry-Season Water Table (C2)
Drift Deposits (B3) Presence of Reduced	
Algal Mat or Crust (B4) Recent Iron Reductio	
Iron Deposits (B5) Thin Muck Surface (C	
Inundation Visible on Aerial Imagery (B7) Other (Explain in Rer	marks) <u> </u>
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches):	
Water Table Present? Yes No Depth (inches):	
Saturation Present? Yes No Depth (inches): (includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	evious inspections), if available:

Remarks:

Hydrology indicators are present.

Tree Stratum (Plot size: 30 ft r)	Absolute	Dominant		Dominance Test worksheet:
		Species?		Number of Dominant Species
1				That Are OBL, FACW, or FAC: <u>5</u> (A)
2				Total Number of Dominant Species Across All Strata: 5 (B)
3				Species Across All Strata: <u>5</u> (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 100 (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of:Multiply by:
		= Total Cov	/er	OBL species <u>10</u> x 1 = <u>10</u>
Sapling/Shrub Stratum (Plot size: 15 ft r)				FACW species <u>70</u> x 2 = <u>140</u>
1. Fraxinus pennsylvanica	25	✓	FACW	FAC species 25 x 3 = 75
2. Acer saccharinum	10	~	FACW	FACU species $\frac{5}{2}$ x 4 = $\frac{20}{2}$
3. Cephalanthus occidentalis	10	~	OBL	UPL species $\frac{0}{110}$ x 5 = $\frac{0}{045}$
4. Fraxinus americana	5		FACU	Column Totals: <u>110</u> (A) <u>245</u> (B)
			<u> </u>	Prevalence Index = B/A = 2.2
5				
6				Hydrophytic Vegetation Indicators:
7				 1 - Rapid Test for Hydrophytic Vegetation ✓ 2 - Dominance Test is >50%
	50%	= Total Cov	/er	✓ 3 - Prevalence Index is $\leq 30^{10}$
Herb Stratum (Plot size: <u>5 ft r</u>)				4 - Morphological Adaptations ¹ (Provide supporting
1. Carex cristatella	25	✓	FACW	data in Remarks or on a separate sheet)
2. Euthamia graminifolia	20	✓	FAC	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Lysimachia ciliata	10		FACW	1
4. Toxicodendron radicans	5		FAC	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5				
6				Definitions of Vegetation Strata:
				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7				at breast height (DBH), regardless of height.
8				Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
9				
10				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
11				
12				Woody vines – All woody vines greater than 3.28 ft in height.
	60%	= Total Cov	/er	in sign.
Woody Vine Stratum (Plot size: 30 ft r)				
1				
2	<u> </u>			
3				Hydrophytic
4.				Vegetation
		= Total Cov	/er	Present? Yes <u>V</u> No
Remarks: (Include photo numbers here or on a separate s		10101 000		
	,			
Hydrophytic vegetation is present.				

Inchesi	<u>Matrix</u> Color (moist)	%	Color (moist)	<u>ox Feature</u> %	Type ¹	Loc ²	Texture		Remarks	
<u>inches)</u> 0 - 20	10YR 3/2	<u> </u>	10YR 6/6	10	<u> </u>	PL/M	Clay Loam		Remains	
0 20	10111 372		1011(0/0		<u> </u>	<u> </u>				
-										
-										
-										
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						- !	21			
ype: C=Co ydric Soil I		pletion, Riv	Reduced Matrix, M	S=Maske	d Sand Gr	ains.			Lining, M=Mat matic Hydric :	
Histosol			Polyvalue Belo	w Surface	e (S8) (L RI	R.			LRR K, L, ML	
_	vipedon (A2)		MLRA 149B		, (00) (L I	,			ox (A16) (LRR	
Black His	stic (A3)		Thin Dark Surf	ace (S9) (LRR R, M	LRA 149B)	5 cm M	ucky Peat	or Peat (S3) (I	_RR K, L, R
	n Sulfide (A4)		Loamy Mucky			, L)			(LRR K, L)	
	Layers (A5)	(Loamy Gleyed		2)				Surface (S8) (L	
-	l Below Dark Surfac ırk Surface (A12)	ce (A11)	Depleted Matri ✓ Redox Dark Su)				(S9) (LRR K, //asses (F12) (
	lucky Mineral (S1)		Depleted Dark						ain Soils (F19)	
-	leyed Matrix (S4)		Redox Depress						6) (MLRA 144	
	edox (S5)							irent Materi		
	Matrix (S6)								Surface (TF1	2)
_ Dark Sur	face (S7) (LRR R, I	MLRA 149	B)				Other (Explain in F	Remarks)	
ndicators of	hydrophytic vegeta	ation and w	etland hydrology mu	st he nres	ent unles	s disturbed	or problematic			
	ayer (if observed)		oliana nyarology ma					-		
Туре: <u>N//</u>										
	ches):						Hydric Soil	Present?	Yes 🖌	No
emarks:							-			
	aila ara praa	ent								
	ons are pres	0110								
	olis are pres	ont								
	olis are pres	onti								
	ons are pres	ond.								
	ons are pres									
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Project/Site: 1730 AEP North Delphos - Rockhill Delineation	City/County:	Rimer /	/ Putnam	Sampling Date: 2021-06-29
Applicant/Owner: AEP			_{State:} Ohio	Sampling Point: 1-C UPL
Investigator(s): E. Wilson, J. Holmes	Section, Townshi	p, Range: _	S013, T0	002, R005
	ocal relief (concave	, convex, no	one): None	Slope (%): 0
	56	_ Long: -84	4.2272950	Datum: WGS 84
Soil Map Unit Name: HtA			NWI classific	cation: None
Are climatic / hydrologic conditions on the site typical for this time of y	rear?Yes 🖌	No	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology significantl	y disturbed?	Are "Norma	al Circumstances" p	oresent? Yes 🖌 No
Are Vegetation, Soil, or Hydrology naturally p	roblematic?	(If needed,	explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS – Attach site map showin	g sampling po	int locati	ons, transects	, important features, etc.

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes Yes✔ Yes	No <u> </u>	Is the Sampled Area within a Wetland? Yes No If yes, optional Wetland Site ID:			
Remarks: (Explain alternative procedures here or in a separate report.)						
Upland sample point for PSS wetland 1-C.						

HYDROLOGY

Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leaves (B9)	Drainage Patterns (B10)
High Water Table (A2) Aquatic Fauna (B13)	Moss Trim Lines (B16)
Saturation (A3) Marl Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2) Oxidized Rhizospheres on Living	Roots (C3) Saturation Vis ble on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) Recent Iron Reduction in Tilled S	oils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface (C7)	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No 🖌 Depth (inches):	
Water Table Present? Yes No 🖌 Depth (inches):	
Saturation Present? Yes No 🖌 Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe	
(includes capillary fringe)	
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe	
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe- Remarks:	
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe- Remarks:	
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe- Remarks:	
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe- Remarks:	
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe- Remarks:	
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe- Remarks:	
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe- Remarks:	
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspe- Remarks:	

Tree Stratum (Plot size: <u>30 ft r</u>)	Absolute % Cover	Dominant Species?	Status	Dominance Test worksheet:
1)				Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)
2 3				Total Number of Dominant Species Across All Strata: <u>3</u> (B)
4 5				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
6				Prevalence Index worksheet:
7		·		Total % Cover of:Multiply by:
		= Total Co	ver	OBL species 0 x 1 = 0
Sapling/Shrub Stratum (Plot size: 15 ft r)				FACW species 0 x 2 = 0
1				FAC species 0 x 3 = 0
2				FACU species $\frac{100}{2}$ x 4 = $\frac{400}{2}$
3				UPL species $\frac{0}{100}$ x 5 = $\frac{0}{100}$
				Column Totals: <u>100</u> (A) <u>400</u> (B)
4 5				Prevalence Index = B/A = 4.0
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
		= Total Co		2 - Dominance Test is >50%
Herb Stratum (Plot size: 5 ft r)			vei	3 - Prevalence Index is ≤3.0 ¹
	40	,	FACU	4 - Morphological Adaptations ¹ (Provide supporting
1. Solidago canadensis		<u> </u>	FACU	data in Remarks or on a separate sheet)
2. Dipsacus laciniatus	25	✓	FACU	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Rubus allegheniensis	20	✓	FACU	¹ Indicators of hydric soil and wetland hydrology must
4. Rosa multiflora	15		FACU	be present, unless disturbed or problematic.
5			·	Definitions of Vegetation Strata:
6			·	Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7				at breast height (DBH), regardless of height.
8				Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
9				
10				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
12.				Woody vines – All woody vines greater than 3.28 ft in
		= Total Co	vor	height.
Woody Vine Stratum (Plot size: 30 ft r)		10101 00		
· · · · · · · · · · · · · · · · · · ·				
1				
2				
3			·	Hydrophytic Vegetation
4			·	Present? Yes No
		= Total Co	ver	
Remarks: (Include photo numbers here or on a separate	sheet.)			
Upland sample point for PSS wetlan	d 1-C.			

SOIL

Profile Desc	ription: (Describe	to the de	oth needed to docur	nent the	indicator	or confirm	n the absence of indi	cators.)
Depth	Matrix			<u>x Feature</u>			- .	D
(inches)	Color (moist)		Color (moist)	%	<u>Type¹</u>	Loc ²		Remarks
0 - 8	10YR 4/2	100					Silt Loam	
8 - 20	10YR 5/2	95	10YR 5/6	5	<u>C</u>	М	Clay Loam	
-								
				<u> </u>				
-								
-								
1 <u></u>								Deve Lining M-Matuic
Hydric Soil		Dietion, Riv	Reduced Matrix, MS	5=Iviaske	d Sand Gr	ains.		Pore Lining, M=Matrix.
Histosol			Polyvalue Belov	<i>w</i> Surface	e (S8) (LRI	R.		10) (LRR K, L, MLRA 149B)
	pipedon (A2)		MLRA 149B)		()(,		Redox (A16) (LRR K, L, R)
Black Hi			Thin Dark Surfa					Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)		Loamy Mucky N			, L)		(S7) (LRR K, L)
	d Layers (A5) d Below Dark Surfac	e (A11)	Loamy Gleyed		2)		-	ow Surface (S8) (LRR K, L) face (S9) (LRR K, L)
	ark Surface (A12)		✓ Redox Dark Su)			ese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)		Depleted Dark \$					odplain Soils (F19) (MLRA 149B)
	eleyed Matrix (S4)		Redox Depress	ions (F8)				(TA6) (MLRA 144A, 145, 149B)
	Redox (S5) Matrix (S6)						Red Parent M	laterial (F21) Dark Surface (TF12)
	rface (S7) (LRR R, I	MLRA 149	B)				Other (Explain	
			_,				<u> </u>	
			etland hydrology mus	st be pres	ent, unles	s disturbed	or problematic.	
	Layer (if observed)	:						
Type: <u>N</u>								,
Depth (ind	ches):						Hydric Soil Preser	nt? Yes 🖌 No
Remarks:								
Hydric s	oils are pres	ent. Ui	pland sample	point	for PS	S wetla	and 1-C.	
		•••••		ponie		••		

Project/Site: AEP North Delphos - Rockhill	City/County: Gomer/ Allen Sampling Date: 2021-06-29				
	$a \leftarrow Obio$ $a \leftarrow b \leftarrow 1-D$				
···					
	Section, Township, Range:				
	ocal relief (concave, convex, none): <u>Concave</u> Slope (%): <u>3</u>				
Subregion (LRR or MLRA): A Lat: 40.855717	Long: -84.198087 Datum: WGS 84				
Soil Map Unit Name: <u>SgC2</u>	NWI classification: N/A				
Are climatic / hydrologic conditions on the site typical for this time of y	ear? Yes 🗹 No (If no, explain in Remarks.)				
Are Vegetation, Soil, or Hydrology significantly	y disturbed? Are "Normal Circumstances" present? Yes No				
Are Vegetation, Soil, or Hydrology naturally pr					
SUMMARY OF FINDINGS – Attach site map showing	g sampling point locations, transects, important features, etc.				
Hydrophytic Vegetation Present? Yes Is the Sampled Area within a Wetland? Yes No Hydric Soil Present? Yes No If yes, optional Wetland Site ID: No Wetland Hydrology Present? Yes No If yes, optional Wetland Site ID: No Remarks: (Explain alternative procedures here or in a separate report.) Representative of a scrub shrub wetland within AOI					
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply)					
Surface Water (A1)Water-Stained					
High Water Table (A2) Aquatic Fauna Saturation (A3) Marl Deposits					
Water Marks (B1) Hydrogen Sulf					
	ospheres on Living Roots (C3) Saturation Vis ble on Aerial Imagery (C9)				
Drift Deposits (B3) Presence of R					
	eduction in Tilled Soils (C6) <u>C</u> Geomorphic Position (D2)				
Iron Deposits (B5) Thin Muck Su					
Inundation Visible on Aerial Imagery (B7) Other (Explain					
Sparsely Vegetated Concave Surface (B8)	✓ FAC-Neutral Test (D5)				
Field Observations:					
Surface Water Present? Yes No 🖌 Depth (inches	s):				
Water Table Present? Yes No V Depth (inches					
Saturation Present? Yes <u>No</u> Depth (inchest (includes capillary fringe)					
Describe Recorded Data (stream gauge, monitoring well, aerial phot	os, previous inspections), if available:				
Demerke					
Remarks:					
Multiple wetland hydrology indicators were	epresent at the time of sampling.				

Tree Stratum (Plot size: <u>30 ft r</u>)	Absolute	Dominant Species?	Indicator	Dominance Test worksheet:
		-		Number of Dominant Species
1				That Are OBL, FACW, or FAC: <u>4</u> (A)
2				Total Number of Dominant
3			·	Species Across All Strata: (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 100 (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of:Multiply by:
		= Total Co		$\begin{array}{c} \hline \hline$
Sapling/Shrub Stratum (Plot size: 15 ft r)				FACW species 15 x 2 = 30
	55	1	OBL	FAC species $0 \times 3 = 0$
				FACU species 0 $x 4 = 0$
2			·	UPL species $0 \times 5 = 0$
3			·	Column Totals: 140 (A) 155 (B)
4				
5	<u> </u>			Prevalence Index = B/A = <u>1.11</u>
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
		= Total Co		✓ 2 - Dominance Test is >50%
5 ft r	00/0		ver	✓ 3 - Prevalence Index is ≤3.0 ¹
Herb Stratum (Plot size: 5 ft r)				4 - Morphological Adaptations ¹ (Provide supporting
1. Asclepias incarnata	25	✓	OBL	data in Remarks or on a separate sheet)
2. Carex vulpinoidea	25	✓	OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Carex Iurida	20	✓	OBL	¹ Indianters of hydric coil and wetland hydrology must
4. Leersia virginica	10		FACW	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5. Verbesina alternifolia	5		FACW	Definitions of Vegetation Strata:
6				
7				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
				at breast height (DDF), regardless of height.
8				Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
9			·	
10			·	Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
11				of size, and woody plants less than 5.20 it tall.
12				Woody vines – All woody vines greater than 3.28 ft in
	85%	= Total Co	ver	height.
Woody Vine Stratum (Plot size: <u>30 ft r</u>)				
1				
2				
3			·	Hydrophytic Vegetation
4				Present? Yes <u>✓</u> No
	-	= Total Co	ver	
Remarks: (Include photo numbers here or on a separate	sheet.)			
A preponderance of hydrophytic ve	getatior	n is pre	sent.	
	-	-		

SOIL

		to the dep	oth needed to docun			or confirm	the absence	of indicators.)
Depth (inches)	<u>Matrix</u> Color (moist)	%	Redo: Color (moist)	<u>x Feature</u> %	es Type ¹	Loc ²	Texture	Remarks
0 - 20	10YR 4/2	95	10YR 5/6	5	C	M	Silt Loam	
			·					
						·		
-								
				. <u> </u>				
-								
-								
						<u> </u>		
						·		
-						<u> </u>		
¹ Type: C=Co	oncentration, D=Dep	letion, RM	=Reduced Matrix, MS	S=Maske	d Sand Gr	ains		: PL=Pore Lining, M=Matrix.
Hydric Soil								for Problematic Hydric Soils ³ :
Histosol	(A1) pipedon (A2)		Polyvalue Belov MLRA 149B)		e (S8) (LR	R R,		/luck (A10) (LRR K, L, MLRA 149B) Prairie Redox (A16) (LRR K, L, R)
	stic (A3)		Thin Dark Surfa		LRR R, M	LRA 149B)		Allocky Peat or Peat (S3) (LRR K, L, R)
Hydroge	en Sulfide (A4)		Loamy Mucky M	/ineral (F	1) (LRR K			Surface (S7) (LRR K, L)
	d Layers (A5)		Loamy Gleyed I		2)		-	lue Below Surface (S8) (LRR K, L)
-	d Below Dark Surfac ark Surface (A12)	e (A11)	Depleted Matrix Redox Dark Sui		\			ark Surface (S9) (LRR K, L) anganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)		Depleted Dark S					ont Floodplain Soils (F12) (MLRA 149B)
	Bleyed Matrix (S4)		Redox Depress					Spodic (TA6) (MLRA 144A, 145, 149B)
	Redox (S5)							arent Material (F21)
	Matrix (S6)		D)					hallow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, N	/ILRA 1491	3)				Other	(Explain in Remarks)
			etland hydrology mus	t be pres	ent, unles	s disturbed	or problematio	2.
Restrictive I	Layer (if observed):							
Type:								
	ches):						Hydric Soil	Present? Yes 🖌 No
Remarks:								
The soil	profile meets	s the c	riteria for hav	/ing a	deplet	ted mat	trix.	

Project/Site: AEP North Delphos - Rockhill	City/County: Gomer/ Allen		Sampling Date: 2021-06-29
Applicant/Owner: AEP		State: Ohio	_ Sampling Point: <u>1-D UPL</u>
Investigator(s): J. Holmes E. Wilson	Section, Township, Range:	S020, T002,	R006
Landform (hillslope, terrace, etc.): Upland, Flat			
Subregion (LRR or MLRA): 40.855852	Long: _ -84.	198301	Datum: WGS 84
Are climatic / hydrologic conditions on the site typical for this time of y	ear? Yes No 🗹 (lf no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology significantly	y disturbed? Are "Normal	Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology naturally p	oblematic? (If needed, e	xplain any answer	s in Remarks.)
SUMMARY OF FINDINGS – Attach site map showing	g sampling point locatio	ns, transects,	important features, etc.
Hydrophytic Vegetation Present? Yes No _ Hydric Soil Present? Yes No _ Wetland Hydrology Present? Yes No _			
Remarks: (Explain alternative procedures here or in a separate repo			
Flat existing row outside wetland. Represe	ntative of row along	bean field	edge
	-		•

HYDROLOGY

Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leaves (B9)	Drainage Patterns (B10)
High Water Table (A2) Aquatic Fauna (B13)	Moss Trim Lines (B16)
Saturation (A3) Marl Deposits (B15)	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2) Oxidized Rhizospheres on Living F	Roots (C3) Saturation Vis ble on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) Recent Iron Reduction in Tilled So	ils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface (C7)	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No 🖌 Depth (inches):	
Water Table Present? Yes No 🖌 Depth (inches):	
Saturation Present? Yes No <u>✓</u> Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspect	ions), if available:
Remarks:	
No primary and or secondary wetland hydrology indica	tors were present at the time of
	tors were present at the time of
sampling	

Tree Stratum (Plot size: 30 ft r)	Absolute % Cover	Dominant Species?	t Indicator Status	Dominance Test worksheet:
1. Morus alba	15	<u></u>	FACU	Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)
2. Robinia pseudoacacia	15	 ✓ 	FACU	
3				Total Number of Dominant Species Across All Strata: 4 (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: <u>25</u> (A/B)
6		<u> </u>		Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
		= Total Co		OBL species 0 x 1 = 0
Sapling/Shrub Stratum (Plot size: 15 ft r)				FACW species 55 x 2 = 110
1				FAC species 0 $x 3 = 0$
2.				FACU species $\frac{75}{x 4} = \frac{300}{x}$
				UPL species $0 \times 5 = 0$
3				Column Totals: <u>130</u> (A) <u>410</u> (B)
4				Prevalence Index = B/A = _3.2
5				
6				Hydrophytic Vegetation Indicators:
7				 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50%
		= Total Co	ver	3 - Prevalence Index is $\leq 3.0^{1}$
Herb Stratum (Plot size: 5 ft r)				4 - Morphological Adaptations ¹ (Provide supporting
1. Phalaris arundinacea	55	<u>√</u>	FACW	data in Remarks or on a separate sheet)
2. Solidago canadensis	35	✓	FACU	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Ipomoea purpurea	10	<u></u>	FACU	
4			<u> </u>	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5				Definitions of Vegetation Strata:
6				
7				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
8				
9				Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
10.				Herb – All herbaceous (non-woody) plants, regardless
11				of size, and woody plants less than 3.28 ft tall.
				Woody vines – All woody vines greater than 3.28 ft in
12		= Total Co		height.
20 ft r	10078		ver	
Woody Vine Stratum (Plot size: <u>30 ft r</u>)				
1	_			
2				
3				Hydrophytic
4				Vegetation Present? Yes <u>No</u>
		= Total Co	ver	
Remarks: (Include photo numbers here or on a separate	sheet.)			
A preponderance of hydrophytic veg	aetatior	n is not	presen	ıt.
			1	

		to the dep				or confirn	n the absence of indic	cators.)
Depth (inches)	<u>Matrix</u> Color (moist)	%	Color (moist)	<u>ox Feature</u> %	s Type ¹	Loc ²	Texture	Remarks
0 - 20	10YR 4/3	100					Silt Loam	
	1011(4/0							
							·	
_								
					·		·	
					·	. <u> </u>		
-								
					·	·		
					·	. <u> </u>	·	
-								
					·			
					·			
<u> </u>					<u> </u>			
		pletion, RM=	Reduced Matrix, M	S=Masked	d Sand Gra	ains.		ore Lining, M=Matrix.
Hydric Soil	Indicators:							blematic Hydric Soils ³ :
Histosol			Polyvalue Belo		(S8) (LRF	RR,		0) (LRR K, L, MLRA 149B)
-	pipedon (A2)		MLRA 149B			DA 440D		Redox (A16) (LRR K, L, R)
Black Hi	n Sulfide (A4)		Thin Dark Surf					eat or Peat (S3) (LRR K, L, R) S7) (LRR K, L)
	Layers (A5)		Loamy Gleyed			, ⊑)		w Surface (S8) (LRR K, L)
	Below Dark Surfac	ce (A11)	Depleted Matri		- /		-	ace (S9) (LRR K, L)
Thick Da	ark Surface (A12)		Redox Dark Su				Iron-Manganes	se Masses (F12) (LRR K, L, R
	lucky Mineral (S1)		Depleted Dark		=7)			dplain Soils (F19) (MLRA 149
	leyed Matrix (S4)		Redox Depress	sions (F8)				(TA6) (MLRA 144A, 145, 149E
-	edox (S5) Matrix (S6)						Red Parent Ma	aterial (F21) Dark Surface (TF12)
	rface (S7) (LRR R, I	MI RA 149F	3)				Other (Explain	
			-)					in richance)
³ Indicators of	f hydrophytic vegeta	ation and we	tland hydrology mu	st be pres	ent, unless	s disturbec	l or problematic.	
Restrictive I	_ayer (if observed)	:						
Туре:								
Depth (ind	ches):						Hydric Soil Presen	t? Yes No 🗹
Remarks:	,							
				:- f			il in die stand	
The soll	prome does	not me	et the criter	la for a	any ny	aric so	oil indicators	
1								
1								

	/County: Gomer/ Allen Sampling Date: 2021-06-29
Applicant/Owner: AEP	State: Ohio Sampling Point: 1-E
Investigator(s): J. Holmes E. Wilson Sec	tion, Township, Range: S028, T002, R006
Landform (hillslope, terrace, etc.): Depression Local re	elief (concave, convex, none): <u>Concave</u> Slope (%): <u>2</u>
Subregion (LRR or MLRA): L99 Lat: 40.840649	Long: -84.175333 Datum: WGS 84
Soil Map Unit Name: SbA	NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year?	
Are Vegetation, Soil, or Hydrology significantly dist	
Are Vegetation, Soil, or Hydrology naturally probler	
SUMMARY OF FINDINGS – Attach site map showing sa	mpling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes ✓ No No Hydric Soil Present? Yes ✓ No No Wetland Hydrology Present? Yes ✓ No No Remarks: (Explain alternative procedures here or in a separate report.)	Is the Sampled Area within a Wetland? Yes _ ✓ No If yes, optional Wetland Site ID:
Representative of a forested wetland along a	stream.
HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leav	ves (B9) Drainage Patterns (B10)
High Water Table (A2) Aquatic Fauna (B13	3) Moss Trim Lines (B16)
Saturation (A3) Marl Deposits (B15) Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide C	
	eres on Living Roots (C3) Saturation Vis ble on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduc	
	ion in Tilled Soils (C6) <u> </u> Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface	
Inundation Visible on Aerial Imagery (B7) Other (Explain in Re	
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches):	
Water Table Present? Yes No 🖌 Depth (inches):	
Saturation Present? Yes No 🖌 Depth (inches):	Wetland Hydrology Present? Yes <u>✓</u> No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, p	revious inspections), if available:
Remarks:	
Multiple wetland hydrology indicators were pr	esent at the time of sampling.

Tree Stratum (Plot size: 30 ft r)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. Ulmus americana	30		FACW	Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A)
2. Platanus occidentalis	10	✓	FACW	Total Number of Dominant
3. Acer negundo	5		FAC	Species Across All Strata: <u>6</u> (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: <u>100</u> (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
	45%	= Total Cov	/er	OBL species $\frac{0}{115}$ x 1 = $\frac{0}{000}$
Sapling/Shrub Stratum (Plot size: 15 ft r)				FACW species $\frac{115}{20}$ x 2 = $\frac{230}{60}$
1. Celtis occidentalis	5	✓	FAC	FAC species $\frac{20}{0}$ x 3 = $\frac{60}{0}$
2. Ulmus americana	5	✓	FACW	FACU species0 $x 4 = 0$ UPL species0 $x 5 = 0$
3				Column Totals: 135 (A) 290 (B)
4				
5				Prevalence Index = B/A = 2.15
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
	10%	= Total Cov	/er	\checkmark 2 - Dominance Test is >50%
Herb Stratum (Plot size: <u>5 ft r</u>)				 ✓ 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting
1. Elymus virginicus	40	✓	FACW	data in Remarks or on a separate sheet)
_{2.} Carex grayi	25	✓	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Sanicula odorata	10		FAC	The discharge of building of the state of th
4. Verbesina alternifolia	5		FACW	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5				Definitions of Vegetation Strata:
6				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7				at breast height (DBH), regardless of height.
8				Sapling/shrub – Woody plants less than 3 in. DBH
9				and greater than or equal to 3.28 ft (1 m) tall.
10				Herb – All herbaceous (non-woody) plants, regardless
11				of size, and woody plants less than 3.28 ft tall.
12				Woody vines – All woody vines greater than 3.28 ft in
	80%	= Total Cov	/er	height.
Woody Vine Stratum (Plot size: <u>30 ft r</u>)				
1				
2				
3				Hydrophytic
4				Vegetation Present? Yes ✔ No
		= Total Cov	/er	
Remarks: (Include photo numbers here or on a separate	sheet.)			
A preponderance of hydrophytic ve	getatior	n is pres	sent.	
	-			

SOIL

Profile Desc	cription: (Describe	to the de	oth needed to docu	ment the	indicator	or confirm	n the absence	of indicators.)
Depth	Matrix	%		<u>ox Feature</u>		Loc ²	Tautura	Demeric
(inches)	Color (moist)		Color (moist)	%	Type ¹	LOC	Texture	Remarks
0-3	10YR 4/1	100					Silt Loam	
5 - 20	10YR 4/2	95	10YR 5/6	5	С	Μ	Silt Loam	
_								
_								
_								
_					_			
		oletion, RM	Reduced Matrix, M	S=Maske	d Sand Gr	ains.		: PL=Pore Lining, M=Matrix.
Hydric Soil								for Problematic Hydric Soils ³ :
Histosol			Polyvalue Belo		e (S8) (LR I	R R,		Auck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2) istic (A3)		MLRA 149B Thin Dark Surfa			I RA 1498		Prairie Redox (A16) (LRR K, L, R) <i>I</i> ucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4)		Loamy Mucky I					Surface (S7) (LRR K, L)
	d Layers (A5)		Loamy Gleyed			. ,		lue Below Surface (S8) (LRR K, L)
	d Below Dark Surfac	ce (A11)	X Depleted Matrix					ark Surface (S9) (LRR K, L)
	ark Surface (A12)		Redox Dark Su					anganese Masses (F12) (LRR K, L, R)
-	/lucky Mineral (S1) Gleyed Matrix (S4)		Depleted Dark Redox Depress					ont Floodplain Soils (F19) (MLRA 149B) Spodic (TA6) (MLRA 144A, 145, 149B)
-	Redox (S5)							arent Material (F21)
-	I Matrix (S6)							shallow Dark Surface (TF12)
Dark Su	rface (S7) (LRR R, I	MLRA 149	B)				Other ((Explain in Remarks)
3								
	f hydrophytic vegeta Layer (if observed)		etland hydrology mu	st be pres	ent, unles	s disturbed	or problematic	D
	Layer (if observed)							
Туре:							Hudria Sail	Present? Yes 🧹 No
	ches):						Hydric Soll	Present? res No
Remarks:								
The soil	profile meet	s the c	riteria for ha	ving a	deplet	ted ma	trix.	

Project/Site: AEP North Delphos - Rockhill	City/County: Gomer/ Allen	Sampling Date: 202	1-06-29
Applicant/Owner: AEP		State: Ohio Sampling Point: 1-	
Investigator(s): J. Holmes E. Wilson	Section, Township, Range:	028, T002, R006	
Landform (hillslope, terrace, etc.): Upland, Flat	Local relief (concave, convex, none	e): <u>None</u> Slope (%	5): <u>0</u>
Subregion (LRR or MLRA): L99 Lat: _40.84	1317Long:84.*	1 75253 Datum: W	'GS 84
Soil Map Unit Name: SbA		NWI classification: N/A	
Are climatic / hydrologic conditions on the site typical for this tin	ne of year? Yes 🖌 No (h	f no, explain in Remarks.)	
Are Vegetation, Soil, or Hydrology signi	ficantly disturbed? Are "Normal (Circumstances" present? Yes	No
Are Vegetation, Soil, or Hydrology natu	ally problematic? (If needed, ex	plain any answers in Remarks.)	

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes Yes Yes	No <u>✓</u> No <u>✓</u> No <u>✓</u>	Is the Sampled Area within a Wetland? Yes No If yes, optional Wetland Site ID:				
Remarks: (Explain alternative proced	dures here or in	a separate report.)					
Representative of grass	Representative of grassy area. Mowed area						
	2						

HYDROLOGY

Wetland Hydrology Indicators:			Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; che	ck all that apply)		Surface Soil Cracks (B6)
Surface Water (A1)	Drainage Patterns (B10)		
High Water Table (A2)	_ Aquatic Fauna (B13)		Moss Trim Lines (B16)
Saturation (A3)	_ Marl Deposits (B15)		Dry-Season Water Table (C2)
Water Marks (B1)	_ Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
Sediment Deposits (B2)	Oxidized Rhizospheres on Living F	Roots (C3)	Saturation Vis ble on Aerial Imagery (C9)
Drift Deposits (B3)	Presence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4)	_ Recent Iron Reduction in Tilled So	ils (C6)	Geomorphic Position (D2)
Iron Deposits (B5)	_ Thin Muck Surface (C7)		Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7)	Other (Explain in Remarks)		Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)			FAC-Neutral Test (D5)
Field Observations:			
Surface Water Present? Yes No 🗹	_ Depth (inches):		
Water Table Present? Yes No 🗹	_ Depth (inches):		
Saturation Present? Yes No 🗹	_ Depth (inches):	Wetland H	lydrology Present? Yes No _✔
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring	well, aerial photos, previous inspect	tions), if avai	ilable:
		,,	
Remarks:			
No primary and or secondary we	tland hydrology indica	tors we	re present at the time of
			re present de the time of
sampling			

Tree Stratum (Plot size: <u>30 ft r</u>)	Absolute	Dominant Species?	t Indicator	Dominance Test worksheet:
Juglans nigra	<u>-% cover</u> 15		FACU	Number of Dominant Species That Are OBL_EACW_or EAC: 0 (A)
2. Acer saccharum	10	 ✓ 	FACU	That Are OBL, FACW, or FAC: 0 (A)
3				Total Number of Dominant Species Across All Strata: (B)
4				
5				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
J				
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
out work of the second se	23%	= Total Co	ver	OBL species 0 $x \ 1 = 0$ FACW species 0 $x \ 2 = 0$
Sapling/Shrub Stratum (Plot size: 15 ft r)				FAC species $0 \times 3 = 0$
1				FACU species 125 x 4 = 500
2				UPL species $0 \times 5 = 0$
3				Column Totals: <u>125</u> (A) <u>500</u> (B)
4				Prevalence Index = B/A = _4.0
5				
6				Hydrophytic Vegetation Indicators:
7			·	 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50%
		= Total Co	ver	
Herb Stratum (Plot size: <u>5 ft r</u>)				4 - Morphological Adaptations ¹ (Provide supporting
1. Lolium perenne	45	✓	FACU	data in Remarks or on a separate sheet)
2. Dactylis glomerata		✓	FACU	Problematic Hydrophytic Vegetation ¹ (Explain)
3. Trifolium pratense			FACU	¹ Indicators of hydric soil and wetland hydrology must
4. Lotus corniculatus	5		FACU	be present, unless disturbed or problematic.
5				Definitions of Vegetation Strata:
6				Tree – Woody plants 3 in. (7.6 cm) or more in diameter
7			·	at breast height (DBH), regardless of height.
8			·	Sapling/shrub – Woody plants less than 3 in. DBH
9				and greater than or equal to 3.28 ft (1 m) tall.
10				Herb – All herbaceous (non-woody) plants, regardless
11				of size, and woody plants less than 3.28 ft tall.
12				Woody vines – All woody vines greater than 3.28 ft in
	100%	= Total Co	ver	height.
Woody Vine Stratum (Plot size: <u>30 ft r</u>)				
1				
2				
3				Hydrophytic
4				Vegetation
		= Total Co	ver	Present? Yes No
Remarks: (Include photo numbers here or on a separate				
A preponderance of hydrophytic veg	notation	n is not	nrecen	•
	jetatioi	113 1101	presen	

Profile Desc	ription: (Describe	to the depth	needed to docu	ment the i	ndicator	or confirm	the absence	of indicators.)	
Depth	Matrix			x Features	<u>s</u>	. 2	- ·		
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	
0 - 20	10YR 4/3	100					Silt Loam	10 coarse fragment	ts
-									
					·				
-									
-									
		·							
-									
-									
	oncentration, D=Dep	letion, RM=R	educed Matrix, M	S=Masked	Sand Gra	ains.		: PL=Pore Lining, M=Mat	
Hydric Soil I						חר		for Problematic Hydric /luck (A10) (LRR K, L, ML	
Histosol Histic Er	oipedon (A2)		Polyvalue Belo MLRA 149B		(30) (LR I	х κ,		Prairie Redox (A16) (LRR	,
Black Hi			_ Thin Dark Surfa		.RR R, MI	LRA 149B		/lucky Peat or Peat (S3) (I	
Hydroge	n Sulfide (A4)	_	_ Loamy Mucky I	Mineral (F	1) (LRR K			Surface (S7) (LRR K, L)	,
	l Layers (A5)		Loamy Gleyed)			lue Below Surface (S8) (I	
	Below Dark Surfac	e (A11)	_ Depleted Matrix					ark Surface (S9) (LRR K,	
	ark Surface (A12) lucky Mineral (S1)		_ Redox Dark Su _ Depleted Dark					anganese Masses (F12) (ont Floodplain Soils (F19)	
-	Gleyed Matrix (S4)		_ Depleted Dark _ Redox Depress		7)			Spodic (TA6) (MLRA 144	
	ledox (S5)							arent Material (F21)	,,
-	Matrix (S6)							hallow Dark Surface (TF1	2)
Dark Su	rface (S7) (LRR R, I	VILRA 149B)					Other	(Explain in Remarks)	
³ Indicators of	f hydrophytic vegeta	tion and wetla	nd hydrology mus	at ha nrasa	ant unless	e disturbod	or problematic	`	
	_ayer (if observed)		ind hydrology ma.	st be prese	ant, uniese	s disturbed			
Type:	,								
Depth (inc	ches):						Hydric Soil	Present? Yes	No 🖌
Remarks:							-		

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: AEP North Delphos - Rockhill	City/County: Lima / Allen		Sampling Date:	2021-06-29
Applicant/Owner: AEP		State: Ohio	Sampling Point:	
Investigator(s): J. Holmes E. Wilson	Section, Township, Range: _	S003 T003	8 R006	
Landform (hillslope, terrace, etc.): Depression		ave, convex, none):		
	Long:84.154259		Datum: WGS 8	34
Soil Map Unit Name: PmA		NWI classific	ation: PEM1C	
Are climatic / hydrologic conditions on the site typical for this time of ye	ear? Yes 🗾 No	(If no, explain in R	emarks.)	
Are Vegetation, Soil, or Hydrology significantly	disturbed? Are "Norma	al Circumstances" p	resent? Yes	✓ №
Are Vegetation, Soil, or Hydrology naturally pr	oblematic? (If needed,	explain any answe	rs in Remarks.)	
SUMMARY OF FINDINGS – Attach site map showing	g sampling point locati	ons, transects	, important f	eatures, etc.

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes ✓ No Yes ✓ No Yes ✓ No	ls the Sampled Area within a Wetland? Yes No
Remarks:		

Mapped PEM1C wetland in corn field

00 ft	Absolute	Dominant		Dominance Test worksheet:
Tree Stratum (Plot size: 30 ft r)	% Cover	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC: 2 (A)
2				Total Number of Dominant
3				Species Across All Strata: 2 (B)
4				
5				Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)
		= Total Cov	/er	
Sapling/Shrub Stratum (Plot size: 15 ft r)				Prevalence Index worksheet:
1				Total % Cover of: Multiply by:
2				OBL species <u>65</u> x 1 = <u>65</u>
3				FACW species 35 x 2 = 70
4				FAC species 0 x 3 = 0
5				FACU species 0 x 4 = 0
<u>. </u>		= Total Cov		UPL species $0 \times 5 = 0$
Herb Stratum (Plot size: 5 ft r)		- 10(a) 000		Column Totals: 100 (A) 135 (B)
1. Leersia oryzoides	45	✓	OBL	
2. Carex vulpinoidea	35	✓	FACW	Prevalence Index = $B/A = 1.4$
3. Juncus effusus	10		OBL	Hydrophytic Vegetation Indicators:
4. Typha angustifolia	10		OBL	1 - Rapid Test for Hydrophytic Vegetation
5.				✓ 2 - Dominance Test is >50%
6				✓ 3 - Prevalence Index is ≤3.0 ¹
7				4 - Morphological Adaptations ¹ (Provide supporting
8				data in Remarks or on a separate sheet)
9				Problematic Hydrophytic Vegetation ¹ (Explain)
10	100%	= Total Cov		¹ Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: <u>30 ft r</u>)	100/0	- 10(a) C0	/ei	be present, unless disturbed or problematic.
1				Hydrophytic
2				Vegetation
£		= Total Cov		Present? Yes No
Remarks: (Include photo numbers here or on a separate s		- 10(a) 00(1
	,		_	
A preponderance of hydrophytic ve	egetatio	on is pr	resent	

SOIL

Profile Desc	cription: (Describ	e to the dep	oth needed to docun	nent the	indicator	or confir	m the absence of i	ndicators.)
Depth	Matrix			x Feature		. 2		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 20	10YR 5/2	95	10YR 4/6	5	<u> </u>	<u>M</u>	Silty Clay Loam	
-								
-								
1							2	
		epletion, RM	=Reduced Matrix, MS	S=Maske	d Sand Gr	ains.		L=Pore Lining, M=Matrix.
Hydric Soil								Problematic Hydric Soils ³ :
Histosol				-	atrix (S4)			rie Redox (A16)
	pipedon (A2)		Sandy F				Dark Surfa	
	istic (A3)			Matrix (,			anese Masses (F12)
	en Sulfide (A4) d Layers (A5)			-	neral (F1) atrix (F2)			ow Dark Surface (TF12) blain in Remarks)
	uck (A10)		Deplete					
	d Below Dark Surfa	ace (A11)	Redox D					
·	ark Surface (A12)				urface (F7)	³ Indicators of h	hydrophytic vegetation and
	/lucky Mineral (S1)		Redox D			, ,		drology must be present,
	ucky Peat or Peat (_		. ,			turbed or problematic.
Restrictive	Layer (if observed	d):						
Type:								
Depth (in	ches):						Hydric Soil Pre	sent? Yes No
Remarks:								
HYDROLO	drology Indicator							
-			red; aback all that an	n hu)			Secondary	ndiactors (minimum of two required)
		rone is requi	red; check all that ap		(50)			ndicators (minimum of two required)
	Water (A1)		Water-Stai		· /			Soil Cracks (B6)
_ •	ater Table (A2)		Aquatic Fa					e Patterns (B10)
Saturati	()		True Aqua		` '			ason Water Table (C2)
	larks (B1)		Hydrogen					Burrows (C8)
	nt Deposits (B2)		_X Oxidized R			-		on Visible on Aerial Imagery (C9)
	posits (B3)		Presence of					or Stressed Plants (D1)
	at or Crust (B4)		Recent Iro			d Solls (C		rphic Position (D2)
	posits (B5)		Thin Muck				FAC-Ne	eutral Test (D5)
	on Visible on Aeria							
<u> </u>	y Vegetated Conca	ive Surface (B8) Other (Exp	ain in R	emarks)			
Field Obser								
Surface Wat	er Present?		No Depth (ind					
Water Table	Present?		No Depth (ind			_		
Saturation P	resent? pillary fringe)	Yes	No Depth (ind	ches):		_ Wet	land Hydrology Pr	resent? Yes No
		m gauge, mo	onitoring well, aerial p	photos, p	revious ins	spections)	, if available:	
Remarks:								
Multiple	indicators	of wetla	and hydrolog	y we	re pres	sent af	t the time of	fsampling
-			-					-

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: AEP North Delphos - Rockhill	City/County: Lima / Allen		Sampling Date:	2021-06-29
Applicant/Owner: AEP			Sampling Point:	
Investigator(s): _J. Holmes E. Wilson	Section, Township, Range: _			
Landform (hillslope, terrace, etc.): Upland, Flat	Local relief (conca			
Slope (%): <u>1</u> Lat: <u>40.814215</u>	Long: -84.153881		Datum: WGS 8	34
Soil Map Unit Name: BIG1A1		NWI classific	ation: PEM1C	
Are climatic / hydrologic conditions on the site typical for this time of ye	ear? Yes 🗹 No			
Are Vegetation, Soil, or Hydrology significantly	disturbed? Are "Norma	al Circumstances" p	present? Yes	✓ No
Are Vegetation, Soil, or Hydrology naturally pr	oblematic? (If needed,	explain any answe	rs in Remarks.)	
CUMMARY OF FINDINGS Attack site man showing			:	

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes	No_			
Hydric Soil Present?	Yes	No 🖌	Is the Sampled Area		
Wetland Hydrology Present?	Yes	No	within a Wetland?	Yes	No
Remarks:					

Representative of Areas outside wetland

20.64	Absolute	Dominant		Dominance Test worksheet:
Tree Stratum (Plot size: 30 ft r)	<u>% Cover</u>	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC: 0 (A)
2				Total Number of Dominant
3				Species Across All Strata: 2 (B)
4				(-,
5				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
		= Total Cov		That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r)		- 10(a) 000		Prevalence Index worksheet:
1				Total % Cover of: Multiply by:
2				OBL species 0 x 1 = 0
				FACW species 0 x 2 = 0
3				FAC species 0 x 3 = 0
4				FACU species $100 \times 4 = 400$
5				
Herb Stratum (Plot size: 5 ft r)		= Total Cov	/er	
1. Solidago canadensis	30	1	FACU	Column Totals: <u>100</u> (A) <u>400</u> (B)
2. Trifolium repens	25	<u> </u>	FACU	Prevalence Index = B/A = 4.0
3. Asclepias syriaca	15		FACU	Hydrophytic Vegetation Indicators:
	15		FACU	1 - Rapid Test for Hydrophytic Vegetation
4. Dipsacus fullonum				
5. Erigeron annuus	15		FACU	2 - Dominance Test is >50%
6				3 - Prevalence Index is ≤3.0 ¹
7				4 - Morphological Adaptations ¹ (Provide supporting
8				data in Remarks or on a separate sheet)
9				Problematic Hydrophytic Vegetation ¹ (Explain)
10				
	100%	= Total Cov	/er	¹ Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: <u>30 ft r</u>)				be present, unless disturbed or problematic.
1				Hydrophytic
2				Vegetation
		= Total Cov	/er	Present? Yes No
Remarks: (Include photo numbers here or on a separate s				1
		•		
A preponderance of hydrophytic ve	egetation	on is no	ot pres	ent

Profile Desc	npuon: (Describe	to the depth	needed to docum	lent the mulcato	or commi	in the absence of i	nuicators.)
Depth	Matrix		Redox	Features			
(inches)	Color (moist)	%	Color (moist)	<u>%</u> Type ¹	Loc ²	Texture	Remarks
0 - 20	10YR 4/3	100				Sandy Clay Loam	
-							
_							
_							
	oncentration, D=Dep	pletion, RM=Re	educed Matrix, MS	=Masked Sand G	rains.		L=Pore Lining, M=Matrix.
Hydric Soil I							Problematic Hydric Soils ³ :
Histosol				leyed Matrix (S4)			irie Redox (A16)
	ipedon (A2)			edox (S5)		Dark Surfa	
Black His	. ,			Matrix (S6)	、 、		anese Masses (F12)
	n Sulfide (A4)			lucky Mineral (F1			ow Dark Surface (TF12)
Stratified	Layers (A5)			Bleyed Matrix (F2) I Matrix (F3)		Other (Exp	plain in Remarks)
	Below Dark Surfac	o (A11)		ark Surface (F6)			
· — ·	rk Surface (A12)	e (ATT)		I Dark Surface (F0)	7)	³ Indicators of	hydrophytic vegetation and
	ucky Mineral (S1)			epressions (F8)	()		/drology must be present,
	cky Peat or Peat (S	3)					turbed or problematic.
	ayer (if observed)	,					
_	, ,						_
	hes):		_			Hydric Soil Pre	esent? Yes No
Remarks:	nes).		_				
The soil profile does not meet the criteria for any hydric soil indicators							
					nyunc	Soli mulcat	
HYDROLO							
HYDROLO							
HYDROLO Wetland Hyd	GY						ndicators (minimum of two required)
HYDROLO Wetland Hyd	GY Irology Indicators:		: check all that app			Secondary I	
HYDROLO Wetland Hyc Primary Indic	GY Irology Indicators: ators (minimum of c Water (A1)		: check all that app Water-Stair	oly) ned Leaves (B9)		<u>Secondary I</u> Surface	ndicators (minimum of two required) s Soil Cracks (B6)
HYDROLO Wetland Hyc Primary Indic Surface V High Wa	GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2)		<u>: check all that app</u> Water-Stair Aquatic Fau	oly) ned Leaves (B9) una (B13)		<u>Secondary I</u> Surface Drainag	<u>ndicators (minimum of two required)</u> s Soil Cracks (B6) je Patterns (B10)
HYDROLO Wetland Hyc Primary Indic Surface 1 High Wa Saturatic	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3)		<u>: check all that app</u> Water-Stair Aquatic Fau True Aquati	oly) ned Leaves (B9) una (B13) ic Plants (B14)		<u>Secondary I</u> Surface Drainag Dry-Sea	<u>ndicators (minimum of two required)</u> soil Cracks (B6) je Patterns (B10) ason Water Table (C2)
HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1)		<u>: check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S	oly) ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1)		<u>Secondary I</u> Surface Drainag Dry-Sea Crayfisł	Indicators (minimum of two required) e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8)
HYDROLOO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M. Sedimen	GY frology Indicators: ators (minimum of c Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2)		<u>: check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rl	oly) ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li	iving Roots	<u>Secondary I</u> Surface Drainag Dry-Sea Crayfisł (C3) Saturati	Indicators (minimum of two required) Soil Cracks (B6) Je Patterns (B10) ason Water Table (C2) In Burrows (C8) ion Visible on Aerial Imagery (C9)
HYDROLOO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimen Drift Dep	GY frology Indicators: ators (minimum of c Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) oosits (B3)		: check all that app Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o	oly) ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C	ving Roots	<u>Secondary I</u> <u>Surface</u> <u>Drainag</u> <u>Crayfish</u> (C3) <u>Saturati</u> Stunted	ndicators (minimum of two required) e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1)
HYDROLOO Wetland Hyc Primary Indic Surface High Wa Saturatic Water M Sedimen Drift Dep Algal Ma	GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) nosits (B3) t or Crust (B4)		: check all that app Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Rł Presence o Recent Iron	oly) ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till	ving Roots	<u>Secondary I</u> Surface Drainag Crayfisł (C3) Saturati Stunted	ndicators (minimum of two required) soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2)
HYDROLOO Wetland Hyc Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep	GY Irology Indicators: ators (minimum of c Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5)	: one is required	<u>: check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S	bly) ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7)	ving Roots	<u>Secondary I</u> Surface Drainag Crayfisł (C3) Saturati Stunted	ndicators (minimum of two required) e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1)
HYDROLOO Wetland Hyc Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) on Visible on Aerial	: one is required Imagery (B7)	Check all that app Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W	bly) ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9)	ving Roots	<u>Secondary I</u> Surface Drainag Crayfisł (C3) Saturati Stunted	ndicators (minimum of two required) soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2)
HYDROLOO Wetland Hyc Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) oosits (B3) t or Crust (B4) oosits (B5) on Visible on Aerial Vegetated Concav	: one is required Imagery (B7)	Check all that app Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W	bly) ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9)	ving Roots	<u>Secondary I</u> Surface Drainag Crayfisł (C3) Saturati Stunted	ndicators (minimum of two required) soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2)
HYDROLOO Wetland Hyd Primary Indic Surface ¹ High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatid Sparsely Field Observ	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) oosits (B3) t or Crust (B4) oosits (B5) on Visible on Aerial Vegetated Concavor vations:	: one is required Imagery (B7) e Surface (B8)	<u>Check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S CNIDIZED RI CNIDIZED RI Recent Iron Recent Iron GNIDIZED RI CNIDIZED RI CNIDIZE	bly) ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9) ain in Remarks)	ving Roots C4) ed Soils (C6	<u>Secondary I</u> Surface Drainag Crayfisł (C3) Saturati Stunted	ndicators (minimum of two required) soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2)
HYDROLOO Wetland Hyc Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely Field Observ Surface Wate	GY Irology Indicators: ators (minimum of of Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) nosits (B3) t or Crust (B4) osits (B5) on Visible on Aerial Vegetated Concave vations: er Present?	Imagery (B7) e Surface (B8)	<u>: check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl	bly) ned Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9) lain in Remarks) hes):	iving Roots 24) ed Soils (C6	<u>Secondary I</u> Surface Drainag Crayfisł (C3) Saturati Stunted	ndicators (minimum of two required) soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2)
HYDROLOO Wetland Hyc Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely Field Observ Surface Wate Water Table	GY rology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) nosits (B3) t or Crust (B4) osits (B5) on Visible on Aerial Vegetated Concave vations: er Present? Y	Imagery (B7) e Surface (B8) /es No /es No	<u>: check all that app</u> Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W Depth (incl	bly) hed Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9) lain in Remarks) hes):	iving Roots 24) ed Soils (C6	 <u>Secondary I</u> Surface Drainag Dry-Sea Crayfish (C3) Saturati Stunted Geomo FAC-Ne 	ndicators (minimum of two required) s Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2) eutral Test (D5)
HYDROLOO Wetland Hyc Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely Field Observ Surface Wate Water Table Saturation Pr	GY rology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) on Visible on Aerial Vegetated Concave vations: er Present? Present? Y esent? Y	Imagery (B7) e Surface (B8) /es No /es No	<u>: check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized Ri Presence o Recent Iron Thin Muck S Gauge or W Other (Expl	bly) hed Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9) lain in Remarks) hes):	iving Roots 24) ed Soils (C6	 <u>Secondary I</u> Surface Drainag Dry-Sea Crayfish (C3) Saturati Stunted Geomo FAC-Ne 	ndicators (minimum of two required) soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2)
HYDROLOO Wetland Hyc Primary Indic Surface V High Wa Saturatic Water M. Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely Field Observ Surface Water Water Table Saturation Pr (includes cap	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) It Deposits (B2) nosits (B3) t or Crust (B4) osits (B5) on Visible on Aerial Vegetated Concave Vations: er Present? Present? Y esent? Y illary fringe)	Imagery (B7) e Surface (B8) /es No /es No /es No	<u>: check all that app</u> Water-Stair Aquatic Fau True Aquatic Hydrogen S Oxidized RI Presence o Recent Iron Thin Muck S Gauge or W Other (Expl Depth (incl Dep	bly) hed Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9) lain in Remarks) hes): hes):	iving Roots 24) ed Soils (C6	Secondary I Surface Drainag Dry-Sea Crayfish (C3) Sturati Stunted 5) Geomo FAC-Neg	ndicators (minimum of two required) s Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2) eutral Test (D5)
HYDROLOO Wetland Hyc Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely Field Observ Surface Wate Water Table Saturation Pr (includes cap Describe Rec	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) oosits (B3) t or Crust (B4) oosits (B5) on Visible on Aerial Vegetated Concave vations: er Present? Present? Y esent? y esent? y corded Data (stream	Imagery (B7) e Surface (B8) fes No fes No fes No fes No	<u>Check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Oxidized RI Presence o Recent Iron Gauge or W O Other (Expl Depth (incl Depth (incl oring well, aerial pl	bly) hed Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9) ain in Remarks) hes): hes): hes): hotos, previous ir	ving Roots C4) ed Soils (C6	Secondary I Surface Drainag Dry-Sea Crayfish (C3) Saturati Stunted Stunted Stanted FAC-Net	ndicators (minimum of two required) a Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2) eutral Test (D5) resent? Yes No
HYDROLOO Wetland Hyd Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely Field Observ Surface Wate Water Table Saturation Pr (includes cap Describe Rec No primary	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) It Deposits (B2) nosits (B3) t or Crust (B4) osits (B5) on Visible on Aerial Vegetated Concave Vations: er Present? Present? Y esent? Y illary fringe)	Imagery (B7) e Surface (B8) fes No fes No fes No fes No	<u>Check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Oxidized RI Presence o Recent Iron Gauge or W O Other (Expl Depth (incl Depth (incl oring well, aerial pl	bly) hed Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9) ain in Remarks) hes): hes): hes): hotos, previous ir	ving Roots C4) ed Soils (C6	Secondary I Surface Drainag Dry-Sea Crayfish (C3) Saturati Stunted Stunted Stanted FAC-Net	ndicators (minimum of two required) a Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2) eutral Test (D5) resent? Yes No
HYDROLOO Wetland Hyc Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely Field Observ Surface Wate Water Table Saturation Pr (includes cap Describe Rec	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) oosits (B3) t or Crust (B4) oosits (B5) on Visible on Aerial Vegetated Concave vations: er Present? Present? Y esent? y esent? y corded Data (stream	Imagery (B7) e Surface (B8) fes No fes No fes No fes No	<u>Check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Oxidized RI Presence o Recent Iron Gauge or W O Other (Expl Depth (incl Depth (incl oring well, aerial pl	bly) hed Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9) ain in Remarks) hes): hes): hes): hotos, previous ir	ving Roots C4) ed Soils (C6 	Secondary I Surface Drainag Dry-Sea Crayfish (C3) Saturati Stunted Stunted Stanted FAC-Net	ndicators (minimum of two required) a Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2) eutral Test (D5) resent? Yes No
HYDROLOO Wetland Hyd Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely Field Observ Surface Wate Water Table Saturation Pr (includes cap Describe Rec No primary	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) oosits (B3) t or Crust (B4) oosits (B5) on Visible on Aerial Vegetated Concave vations: er Present? Present? Y esent? y esent? y corded Data (stream	Imagery (B7) e Surface (B8) fes No fes No fes No fes No	<u>Check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Oxidized RI Presence o Recent Iron Gauge or W O Other (Expl Depth (incl Depth (incl oring well, aerial pl	bly) hed Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9) ain in Remarks) hes): hes): hes): hotos, previous ir	ving Roots C4) ed Soils (C6 	Secondary I Surface Drainag Dry-Sea Crayfish (C3) Saturati Stunted Stunted Stanted FAC-Net	ndicators (minimum of two required) a Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2) eutral Test (D5) resent? Yes No
HYDROLOO Wetland Hyd Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely Field Observ Surface Wate Water Table Saturation Pr (includes cap Describe Rec No primary	GY Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) oosits (B3) t or Crust (B4) oosits (B5) on Visible on Aerial Vegetated Concave vations: er Present? Present? Y esent? y esent? y corded Data (stream	Imagery (B7) e Surface (B8) fes No fes No fes No fes No	<u>Check all that app</u> Water-Stair Aquatic Fau True Aquati Hydrogen S Oxidized RI Oxidized RI Presence o Recent Iron Gauge or W O Other (Expl Depth (incl Depth (incl oring well, aerial pl	bly) hed Leaves (B9) una (B13) ic Plants (B14) Sulfide Odor (C1) hizospheres on Li f Reduced Iron (C n Reduction in Till Surface (C7) Vell Data (D9) ain in Remarks) hes): hes): hes): hotos, previous ir	ving Roots C4) ed Soils (C6 	Secondary I Surface Drainag Dry-Sea Crayfish (C3) Saturati Stunted Stunted Stanted FAC-Net	ndicators (minimum of two required) a Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) n Burrows (C8) ion Visible on Aerial Imagery (C9) l or Stressed Plants (D1) rphic Position (D2) eutral Test (D5) resent? Yes No

Project/Site:^ t ‡) ? n " ‡ S _ ĺ 5 "] ‡ H ‡ B Å " ¡ ĺ ĺ	City/County:i ê ĉ/ Aller	<u>ا</u>	Sampling Date: _	н	Н
Applicant/Owner:^ t		State: <u>> " i</u>	Sampling Point: _	Η"	
Investigator(s):q‡€ ĺê_]‡^q‡Æ¡ĺ] ñ	Section, Township, Range: _	S003 T0	03 R006		
Landform (hillslope, terrace, etc.): <u>S 5 ?]]</u> ; ñ		ave, convex, none):			
Slope (%): Lat: _40.811100	Long: -84.150530		Datum: _Æ " › ‡		
Soil Map Unit Name: _ t ê		NWI classific			
Are climatic / hydrologic conditions on the site typical for this time of ye	ear? Yes 🖍 No	(If no, explain in R	emarks.)		
Are Vegetation, Soil, or Hydrology significantly	y disturbed? Are "Norm	al Circumstances" p	oresent?Yes 🗹	No	
Are Vegetation, Soil, or Hydrology naturally pr	roblematic? (If needed,	explain any answe	rs in Remarks.)		
SUMMARY OF FINDINGS Attack sits man about in	a compling point loost	inne trenesste	immentent fo		-

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes Vo Yes Vo Yes No	Is the Sampled Area within a Wetland? Yes No
Remarks:		

PEM Wetland

VEGETATION - Use scientific names of plants.

	Absolute	Dominant		Dominance Test worksheet:
<u>Tree Stratum</u> (Plot size: <u>+ n ‡ ?</u>)	<u>% Cover</u>	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC: (A)
2				Total Number of Dominant
3				Species Across All Strata: (B)
4				
5				Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
		= Total Cov	/er	
Sapling/Shrub Stratum (Plot size: <u>+ n ‡ ?</u>)				Prevalence Index worksheet:
1				Total % Cover of:Multiply by:
2				OBL species x 1 =
3				FACW species x 2 =
4				FAC species x 3 =
5				FACU species x 4 =
···		= Total Cov		UPL species x 5 =
Herb Stratum (Plot size: <u>‡ n ‡ ?</u>)		10101 000		Column Totals: (A) (B)
_{1.} t"õĺõ?;]‡õ?}ñN;ñõB_õ		✓	∢ ΗÆ	
2. <u>Hõ?_</u> «‡ž}ĺ5¡ñ ¡N_õ			· HÆ	Prevalence Index = B/A =
3. → B ; ? 5 }] ‡ B ° 5 _ ? ; ñ }]			>@	Hydrophytic Vegetation Indicators:
4				1 - Rapid Test for Hydrophytic Vegetation
5				✓ 2 - Dominance Test is >50%
6				✓ 3 - Prevalence Index is ≤3.0 ¹
7				4 - Morphological Adaptations ¹ (Provide supporting
				data in Remarks or on a separate sheet)
8				Problematic Hydrophytic Vegetation ¹ (Explain)
9				
10				¹ Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: n ‡ ?)	F	= Total Cov	/er	be present, unless disturbed or problematic.
1				
				Hydrophytic Vegetation
2				Present? Yes No
Remarks: (Include photo numbers here or on a separate		= Total Cov	/er	
Nemarks. (include photo numbers here or on a separate	sneet.)			
‡5?_5 ñN_?õñ‡B° <u>N</u> ‡? 5"°nž	<u>∟</u> B-‡_	n õ ɲ]; ‡	ິກ <u>‡]</u>	ñn

SOIL	
------	--

			he absence of indicators.)	
Depth Matrix	Redox Featu			
(inches) Color (moist) %	Color (moist)%		Texture Remarks	
<u>Ó ‡ D</u>	Ó ‡ D		-;ín°‡HÍō°:	
-				
			2	
¹ Type: C=Concentration, D=Depletion, F Hydric Soil Indicators:	Reduced Matrix, MS=Mask	ed Sand Grains.	² Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soi	
Histosol (A1)	Sandy Gleyed I	Actrix (SA)	Coast Prairie Redox (A16)	15 :
Histosol (A1) Histic Epipedon (A2)	Sandy Gleyed 1 Sandy Redox (\$		Dark Surface (S7)	
Black Histic (A3)	Stripped Matrix		Iron-Manganese Masses (F12)	
Hydrogen Sulfide (A4)	Loamy Mucky M	. ,	Very Shallow Dark Surface (TF12)	
Stratified Layers (A5)	Loamy Gleyed		Other (Explain in Remarks)	
2 cm Muck (A10)	Depleted Matrix			
Depleted Below Dark Surface (A11)		()	31	
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)	Depleted Dark Redox Depress		³ Indicators of hydrophytic vegetation an wetland hydrology must be present,	
5 cm Mucky Peat or Peat (S3)			unless disturbed or problematic.	
Restrictive Layer (if observed):				
Туре:				
Depth (inches):			Hydric Soil Present? Yes N	lo
Remarks:				
Š"_]‡;ĺ5‡? ;ĺ€́‡_n≬	+"B+2 :n 2.?"ãõ+ž:	ñõ_∰H+5 ĺ pô	۵ ۸۲ ۲ ۲ ۲	
	++: 11:;\++			
HYDROLOGY				
Wetland Hydrology Indicators:				
Primary Indicators (minimum of one is re	quired; check all that apply)		Secondary Indicators (minimum of two	
Surface Water (A1)				o required)
	Water-Stained Lea	, ,	Surface Soil Cracks (B6)	o required)
High Water Table (A2)	Aquatic Fauna (B	13)	Drainage Patterns (B10)	o required)
High Water Table (A2) Saturation (A3)	Aquatic Fauna (B [.] True Aquatic Plan	13) ts (B14)	 Drainage Patterns (B10) Dry-Season Water Table (C2) 	o required)
High Water Table (A2) Saturation (A3) Water Marks (B1)	Aquatic Fauna (B [.] True Aquatic Plan Hydrogen Sulfide	13) ts (B14) Odor (C1)	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) 	
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) 	Aquatic Fauna (B ⁻ True Aquatic Plan Hydrogen Sulfide X Oxidized Rhizospl	13) ts (B14) Odor (C1) neres on Living Roots (C3	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image 	
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) 	Aquatic Fauna (B ⁻ True Aquatic Plan Hydrogen Sulfide X Oxidized Rhizospl	13) ts (B14) Odor (C1) neres on Living Roots (C3 ced Iron (C4)	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) 	
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) 	Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide X Oxidized Rhizospl Presence of Redu	13) ts (B14) Odor (C1) heres on Living Roots (C3 ced Iron (C4) ction in Tilled Soils (C6)	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) 	
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) 	Aquatic Fauna (B ⁻ True Aquatic Plan Hydrogen Sulfide X Oxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surface	13) ts (B14) Odor (C1) heres on Living Roots (C3 ced Iron (C4) ction in Tilled Soils (C6) e (C7)	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) 	
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) 	Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide X Oxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surface (B7) Gauge or Well Da	13) ts (B14) Odor (C1) heres on Living Roots (C3 ced Iron (C4) ction in Tilled Soils (C6) e (C7) ta (D9)	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) 	
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery 	Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide X Oxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surface (B7) Gauge or Well Da	13) ts (B14) Odor (C1) heres on Living Roots (C3 ced Iron (C4) ction in Tilled Soils (C6) e (C7) ta (D9)	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) 	
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface Field Observations: 	Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide X Oxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surface (B7) Gauge or Well Da	13) ts (B14) Odor (C1) heres on Living Roots (C3 ced Iron (C4) ction in Tilled Soils (C6) e (C7) ta (D9) Remarks)	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) 	
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface Field Observations: Surface Water Present? Yes	Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide X Oxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surface r (B7) Gauge or Well Da ce (B8) Other (Explain in F	13) ts (B14) Odor (C1) heres on Living Roots (C3 ced Iron (C4) ction in Tilled Soils (C6) e (C7) ta (D9) Remarks)	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) 	
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface Field Observations: Surface Water Present? Yes Water Table Present? Yes Saturation Present? Yes 	Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide V Oxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surface r (B7) Gauge or Well Da ce (B8) Other (Explain in I No Depth (inches):	13) ts (B14) Odor (C1) neres on Living Roots (C3 ced Iron (C4) ction in Tilled Soils (C6) e (C7) ta (D9) Remarks)	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) 	ery (C9)
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 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface Field Observations: Surface Water Present? Yes Water Table Present? Yes Saturation Present? Yes 	Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide V Oxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surface (B7) Gauge or Well Da ce (B8) Other (Explain in R No Depth (inches): No Depth (inches): No Depth (inches):	13) ts (B14) Odor (C1) heres on Living Roots (C3) ced Iron (C4) ction in Tilled Soils (C6) e (C7) ta (D9) Remarks) Wetland	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5) 	ery (C9)
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface Field Observations: Surface Water Present? Yes Water Table Present? Yes Saturation Present? Yes 	Aquatic Fauna (B 	13) ts (B14) Odor (C1) heres on Living Roots (C3) ced Iron (C4) ction in Tilled Soils (C6) e (C7) ta (D9) Remarks) Wetland	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5) 	ery (C9)
 High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface Field Observations: Surface Water Present? Yes Water Table Present? Yes Saturation Present? Yes (includes capillary fringe) Describe Recorded Data (stream gauge) 	Aquatic Fauna (B 	13) ts (B14) Odor (C1) heres on Living Roots (C3) ced Iron (C4) ction in Tilled Soils (C6) e (C7) ta (D9) Remarks) Wetland previous inspections), if a	 Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5) 	ery (C9)

Project/Site: AEP North Delphos - Rockhill	City/County: Lima / Allen		Sampling Date:	2021-06-29
Applicant/Owner: AEP		_{State:} Ohio	Sampling Point:	
Investigator(s): J. Holmes E. Wilson	Section, Township, Range:	S003 T003	8 R006	
Landform (hillslope, terrace, etc.): Upland, Flat	Local relief (conca			
Slope (%): 1 Lat: 40.810840	Long: -84.150266		Datum: WGS 8	34
Soil Map Unit Name: PMA		NWI classific	ation: N/A	
Are climatic / hydrologic conditions on the site typical for this time of ye	ear? Yes 🗾 No	(If no, explain in Re	emarks.)	
Are Vegetation, Soil, or Hydrology significantly	disturbed? Are "Norma	I Circumstances" p	resent? Yes	No
Are Vegetation, Soil, or Hydrology naturally pro	oblematic? (If needed,	explain any answer	rs in Remarks.)	
SUMMARY OF FINIDINGS Attach site man showing	a compling point locati	ana transacta	important f	aturas ata

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes No Yes No Yes No	Is the Sampled Area within a Wetland?	Yes	No
Remarks:				

Representative of existing ROW

VEGETATION - Use scientific names of plants.

20.64 *	Absolute	Dominant		Dominance Test worksheet:			
Tree Stratum (Plot size: <u>30 ft r</u>)		Species?		Number of Dominant Species			
1				That Are OBL, FACW, or FAC: 0 (A)			
2				Total Number of Dominant			
3				Species Across All Strata: <u>2</u> (B)			
4				Percent of Dominant Species			
5				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)			
		= Total Cov	/er				
Sapling/Shrub Stratum (Plot size: 15 ft r)				Prevalence Index worksheet:			
1				Total % Cover of:Multiply by:			
2				OBL species 0 x 1 = 0			
3				FACW species $0 x 2 = 0$			
4				FAC species <u>0</u> x 3 = <u>0</u>			
5				FACU species <u>95</u> x 4 = <u>380</u>			
		= Total Cov	/er	UPL species <u>5</u> x 5 = <u>25</u>			
Herb Stratum (Plot size: 5 ft r)		_		Column Totals: 100 (A) 405 (B)			
_{1.} Solidago canadensis	30	<u> </u>	FACU				
2. Medicago sativa	25	<u> </u>	FACU	Prevalence Index = B/A = <u>4.1</u>			
3. Asclepias syriaca	15		FACU	Hydrophytic Vegetation Indicators:			
4. Dipsacus fullonum	15		FACU	1 - Rapid Test for Hydrophytic Vegetation			
5. Erigeron annuus	10		FACU	2 - Dominance Test is >50%			
6. Apocynum androsaemifolium	5		UPL	$_$ 3 - Prevalence Index is $\leq 3.0^1$			
7				4 - Morphological Adaptations ¹ (Provide supporting			
8				data in Remarks or on a separate sheet)			
9.				Problematic Hydrophytic Vegetation ¹ (Explain)			
10							
	100%	= Total Cov	/er	¹ Indicators of hydric soil and wetland hydrology must			
Woody Vine Stratum (Plot size: 30 ft r)		- 10101 000		be present, unless disturbed or problematic.			
1				Hydrophytic			
2				Vegetation			
		= Total Cov	/er	Present? Yes No			
Remarks: (Include photo numbers here or on a separate s	sheet.)			1			
A propondorance of hydrophytic yr	aotati	on ic na	t proc	ont			
A preponderance of hydrophytic vegetation is not present							

Profile Desc	ription: (Describe	to the dep	oth needed to docur	nent the	indicator	or confirm	m the absence of indicators.)			
Depth	Matrix		Redo	x Feature						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	_Loc ²	Texture Remarks			
0-9	10YR 4/3	100					Sandy Clay Loam			
9-20	10YR 4/2	95	10YR 4/6	5	С	М	Clay Loam			
				·			· ·			
							· ·			
<u> </u>							· ·			
-										
			=Reduced Matrix, MS		d Sand Ci		² Location: PL=Pore Lining, M=Matrix.			
Hydric Soil I				5-Maske	u Sanu Gi	ans.	Indicators for Problematic Hydric Soils ³ :			
Histosol			Sandy	Cloved M	atrix (S4)		Coast Prairie Redox (A16)			
	oipedon (A2)			Redox (S			Dark Surface (S7)			
Black Hi				d Matrix (Iron-Manganese Masses (F12)			
	n Sulfide (A4)				ineral (F1)		Very Shallow Dark Surface (TF12)			
	Layers (A5)			-	latrix (F2)		Other (Explain in Remarks)			
2 cm Mu	ick (A10)		 Deplete 	d Matrix	(F3)					
	d Below Dark Surfac	e (A11)	Redox [Dark Surf	ace (F6)					
Thick Da	ark Surface (A12)				urface (F7)	³ Indicators of hydrophytic vegetation and			
	lucky Mineral (S1)		Redox [Depressio	ons (F8)		wetland hydrology must be present,			
	icky Peat or Peat (S	-					unless disturbed or problematic.			
Restrictive L	_ayer (if observed)	:								
Туре:							Hydric Soil Present? Yes No			
Depth (inc	ches):									
Remarks:										
The soil	profile mee	ts the	criteria for h	aving	a dep	leted r	matrix			
HYDROLO	GY									
Wetland Hyd	drology Indicators:									
-			ired; check all that ap	(vla			Secondary Indicators (minimum of two required)			
	Water (A1)		Water-Sta		(B9)		Surface Soil Cracks (B6)			
	iter Table (A2)		Aquatic Fa		` '		Drainage Patterns (B10)			
Saturatio	. ,		True Aqua	,	-		Dry-Season Water Table (C2)			
	arks (B1)		Hydrogen				Crayfish Burrows (C8)			
	nt Deposits (B2)		Oxidized F			vina Roots				
	osits (B3)		Presence			-	Stunted or Stressed Plants (D1)			
· ·	at or Crust (B4)		Recent Iro			,				
×	osits (B5)		Thin Muck			u 00110 (00	FAC-Neutral Test (D5)			
	on Visible on Aerial	lmagery (B			. ,					
	Vegetated Concav									
Field Observ	<u> </u>		()(,		,					
Surface Wate		/es	No Depth (in	ches).						
Water Table			No Depth (inc							
			No Depth (inc				land Hydrology Present? Yes No			
Saturation Pr (includes cap		es		cnes):			land Hydrology Present? Tes No			
		n gauge, m	onitoring well, aerial p	photos, p	revious in:	spections),	, if available:			
Remarks:										
No prim	ary and or sec	ondary	wetland hydrol	ogy ind	dicators	s were p	present at the time of sampling			
-										

Project/Site: AEP North Delphos - Rockhill	City/County: Lima / Alle	n	Sampling Date:	2021-06-29	
Applicant/Owner: AEP					
Investigator(s): J. Holmes E. Wilson	Section, Township, Range:	S003 T00	3 R006		
Landform (hillslope, terrace, etc.): Depression	Local relief (con		Concave		
	Long: -84.149832			34	
Soil Map Unit Name: PmA		NWI classific			
Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation, Soil, or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No					
				NO	
Are Vegetation, Soil, or Hydrology naturally pr	oblematic? (If needed	i, explain any answe	rs in Remarks.)		
SUMMARY OF FINDINGS - Attach site map showing	g sampling point loca	tions, transects	, important f	eatures, etc.	
Hydrophytic Vegetation Present? Yes ✓ No Hydric Soil Present? Yes ✓ No Wetland Hydrology Present? Yes ✓ No Remarks: Wetland in existing ROW	Is the Sampled Are within a Wetland?		No		
VEGETATION – Use scientific names of plants.					

Tree Otesture (Distainer 30 ft r	Absolute	Dominant		Dominance Test worksheet:
<u>Tree Stratum</u> (Plot size: <u>30 ft r</u>) 1		Species?		Number of Dominant Species That Are OBL, FACW, or FAC: $\underline{2}$ (A)
2 3				Total Number of Dominant Species Across All Strata: (B)
4 5				Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)
		= Total Cov	er	
Sapling/Shrub Stratum (Plot size: 15 ft r)				Prevalence Index worksheet:
1				Total % Cover of: Multiply by:
2				OBL species 0 x 1 = 0
3				FACW species 100 x 2 = 200
4				FAC species 0 x 3 = 0
5				FACU species 0 x 4 = 0
		= Total Cov		UPL species 0 $x 5 = 0$
Herb Stratum (Plot size: <u>5 ft r</u>)		- 10tal C0v	ei	Column Totals: 100 (A) 200 (B)
Lysimachia nummularia	45	✓	FACW	
2. Phalaris arundinacea	45	 ✓ 	FACW	Prevalence Index = B/A = 2.0
3. Carex vulpinoidea	10		FACW	Hydrophytic Vegetation Indicators:
4				 1 - Rapid Test for Hydrophytic Vegetation
5.				∠ 2 - Dominance Test is >50%
6.				✓ 3 - Prevalence Index is ≤3.0 ¹
7				4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
8				Problematic Hydrophytic Vegetation ¹ (Explain)
9	·			
10	40.00%			¹ Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r)	100%	= Total Cov	er	be present, unless disturbed or problematic.
1				Hydrophytic
2				Vegetation
		= Total Cov	er	Present? Yes No
Remarks: (Include photo numbers here or on a separate	sheet.)			
A preponderance of hydrophytic ve	egetatio	on is pr	esent	

Profile Desc	ription: (Describe	to the dep	th needed to docun	nent the i	ndicator	or confiri	m the absence of i	ndicators.)		
Depth	Matrix			x Features						
(inches)	Color (moist)		Color (moist)	%	_Type ¹	_Loc ²	Texture	Remarks		
0 - 20	10YR 5/2	95	10YR 4/6	5	<u> </u>	M	Silty Clay Loam			
-										
<u> </u>										
——							·			
- <u>-</u>										
-										
<u> </u>										
- <u>-</u>										
		letion, RM=	Reduced Matrix, MS	S=Masked	Sand Gr	ains.		L=Pore Lining, M=Matrix.		
Hydric Soil	Indicators:						Indicators for	Problematic Hydric Soils ³ :		
Histosol			Sandy C	Gleyed Ma	trix (S4)		Coast Prai	rie Redox (A16)		
Histic Ep	pipedon (A2)		Sandy F	Redox (S5)		Dark Surfa	ce (S7)		
Black Hi	. ,			l Matrix (S	,		_ *	anese Masses (F12)		
	n Sulfide (A4)			Mucky Mir				ow Dark Surface (TF12)		
1	d Layers (A5)			Gleyed Ma			Other (Exp	olain in Remarks)		
	ick (A10)		Deplete		-					
· ·	d Below Dark Surfac	æ (A11)		Dark Surfa	• •		3			
	ark Surface (A12)			d Dark Su	-)		³ Indicators of hydrophytic vegetation and		
· ·	lucky Mineral (S1)	2)	Redox L	Depression	ns (F8)			drology must be present,		
	icky Peat or Peat (S							urbed or problematic.		
_	Layer (if observed)	:								
Type:							Hydric Soil Pre	sent? Yes No		
Depth (inc	ches):									
Remarks:										
I ne soi	i profile mee	ts the (criteria for h	aving	а сер	leted	matrix			
HYDROLO										
Wetland Hy	drology Indicators:									
Primary India	cators (minimum of o	one is requir	ed; check all that ap	ply)			Secondary Ir	ndicators (minimum of two required)		
Surface	Water (A1)		Water-Stai	ned Leave	es (B9)		Surface	Soil Cracks (B6)		
High Wa	ter Table (A2)		Aquatic Fa	una (B13))		🖌 Drainage	e Patterns (B10)		
Saturatio	on (A3)		True Aqua	tic Plants	(B14)		Dry-Sea	ison Water Table (C2)		
	arks (B1)		Hydrogen					Burrows (C8)		
	nt Deposits (B2)		X Oxidized F			ing Roots	_ /	on Visible on Aerial Imagery (C9)		
	posits (B3)		Presence			-		or Stressed Plants (D1)		
	at or Crust (B4)		Recent Iro					phic Position (D2)		
	oosits (B5)		Thin Muck					eutral Test (D5)		
I — ·	on Visible on Aerial	Imagery (B)								
	Vegetated Concav									
Field Obser	-	e ounace (i			marksj					
		(a.a.)		abac':						
Surface Wat			No Depth (ind							
Water Table			No Depth (ind					,		
Saturation Present? Yes No <u></u>						_ Wet	Wetland Hydrology Present? Yes No			
		n daude mo	nitoring well, aerial p	photos pr	evious ins	nections)	if available:			
		r guugo, me	intering weak, dentally			pectioney	, il available.			
Remarks:										
Multiple	indicators c	of wetla	ind hydrolog	ly wer	e pres	sent a	t the time of	sampling		

Project/Site: AEP North Delphos - Rockhill Delineation	City/County: Lima/ Allen	Sampling Date: 2021-06-29				
Applicant/Owner: AEP		_ State: Ohio Sampling Point: 1-I				
Investigator(s): E. Wilson, J. Holmes	_ Section, Township, Range: S003, T003, R006					
Landform (hillslope, terrace, etc.): Depression		cave, convex, none): <u>Concave</u>				
		Datum: WGS 84				
Soil Map Unit Name: PmA	NWI classification: N/A					
Are climatic / hydrologic conditions on the site typical for this time of y	ear? Yes 🖌 No	_ (If no, explain in Remarks.)				
Are Vegetation, Soil, or Hydrology significantly	y disturbed? Are "Norn	nal Circumstances" present? Yes 🗹 No				
Are Vegetation, Soil, or Hydrology naturally p	roblematic? (If needed	l, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map showin	g sampling point loca	tions, transects, important features, etc.				
Hydrophytic Vegetation Present? Yes No						
Hydric Soil Present? Yes No	-	/				
Wetland Hydrology Present? Yes No	within a Wetland?	Yes No				

D -		where a
Re	ma	rks:

PEM wetland within ROW. Wetland lies at toe slope of old railroad.

VEGETATION – Use scientific names of plants.

00 ft	Absolute	Dominant		Dominance Test worksheet:				
Tree Stratum (Plot size: 30 ft r)	% Cover	Species?	Status	Number of Dominant Species				
1				That Are OBL, FACW, or FAC: <u>3</u> (A)				
2				Total Number of Dominant				
3				Species Across All Strata: 3 (B)				
4.								
				Percent of Dominant Species That Are OBL_FACW, or FAC: 100 (A/B)				
5		= Total Cov		That Are OBL, FACW, or FAC: 100 (A/B)				
Sapling/Shrub Stratum (Plot size: 15 ft r)		- 10(a) COV	/ei	Prevalence Index worksheet:				
1				Total % Cover of: Multiply by:				
				OBL species 5 x 1 = 5				
2				FACW species 85 $x = 170$				
3				FAC species 10 x 3 = 30				
4								
5				FACU species $\frac{0}{2}$ x 4 = $\frac{0}{2}$				
Herb Stratum (Plot size: 5 ft r)		= Total Cov	/er	UPL species $\frac{0}{100} \times 5 = \frac{0}{205}$				
1. Lysimachia ciliata	40	1	FACW	Column Totals: 100 (A) 205 (B)				
2. Dichanthelium clandestinum	25		FACW	Prevalence Index = $B/A = 2.1$				
	20		FACW					
3. Phalaris arundinacea				Hydrophytic Vegetation Indicators:				
4. Lilium canadense	10		FAC	✓ 1 - Rapid Test for Hydrophytic Vegetation				
5. Eupatorium perfoliatum	5		OBL	✓ 2 - Dominance Test is >50%				
6				✓ 3 - Prevalence Index is $\leq 3.0^{1}$				
7				4 - Morphological Adaptations ¹ (Provide supporting				
8				data in Remarks or on a separate sheet)				
9				Problematic Hydrophytic Vegetation ¹ (Explain)				
10								
···	100%	= Total Cov		¹ Indicators of hydric soil and wetland hydrology must				
Woody Vine Stratum (Plot size: <u>30 ft r</u>)		- 10(a) 00(be present, unless disturbed or problematic.				
1				Hydrophytic				
2.				Vegetation				
<u> </u>		= Total Cov		Present? Yes No				
Remarks: (Include photo numbers here or on a separate s	Remarks: (Include photo numbers here or on a separate sheet.)							
Hydrophytic vegetation is present.								

SOIL								Sampling Point:
Profile Desc	ription: (Describe	to the dep	oth needed to docu	ment the	indicator	or confirm	n the absence o	of indicators.)
Depth Matrix			x Feature					
(inches)	Color (moist)	%	Color (moist)	%	_Type ¹	_Loc ²	Texture	Remarks
0-20	10YR 3/2	95	10YR 6/6	5	С	М	Clay Loam	
<u> </u>								
-								
<u> </u>								
			Reduced Matrix, M				² Location:	PL=Pore Lining, M=Matrix.
Hydric Soil				0-IVIASKE	u Sanu Gi	ams.		or Problematic Hydric Soils ³ :
Histosol			Sandy	Gleyed Ma	atrix (S4)			rairie Redox (A16)
	pipedon (A2)			Redox (St				Inface (S7)
	stic (A3)			d Matrix (nganese Masses (F12)
	n Sulfide (A4)				neral (F1)			allow Dark Surface (TF12)
Stratified	Layers (A5)		Loamy	Gleyed M	atrix (F2)		Other (E	Explain in Remarks)
2 cm Mu	ıck (A10)			d Matrix (
	d Below Dark Surfac	ce (A11)		Dark Surf				
	ark Surface (A12)				urface (F7)		of hydrophytic vegetation and
· ·	lucky Mineral (S1)		Redox	Depressio	ons (F8)			hydrology must be present,
	icky Peat or Peat (S	,						disturbed or problematic.
Type: N	Layer (if observed)):						
							Hydric Soil F	Present? Yes No
Depth (inc	ches):							
Remarks:								
Hvdric	soils are pre	sent.						
HYDROLO	GY							
Wetland Hy	drology Indicators	:						
Primary Indic	cators (minimum of	one is requ	ired; check all that a	oply)			Secondar	y Indicators (minimum of two required)
🖌 Surface	Water (A1)		Water-Sta	ined Leav	/es (B9)		Surfa	ce Soil Cracks (B6)
High Wa	ter Table (A2)		Aquatic Fa	auna (B13	3)		💆 Drain	age Patterns (B10)
Saturatio	on (A3)		True Aqua	atic Plants	s (B14)		Dry-S	Season Water Table (C2)
Water M	arks (B1)		Hydrogen	Sulfide O	dor (C1)		Crayf	īsh Burrows (C8)
Sedimer	nt Deposits (B2)		Oxidized I	Rhizosphe	eres on Liv	ing Roots	(C3) Satur	ation Visible on Aerial Imagery (C9)
Drift Dep	oosits (B3)		Presence	of Reduce	ed Iron (C	4)	Stunt	ed or Stressed Plants (D1)
🖌 🖌 Algal Ma	at or Crust (B4)		Recent Irc	n Reduct	ion in Tille	d Soils (C	6) 🗹 Geon	norphic Position (D2)
Iron Dep	oosits (B5)		Thin Mucl	Surface	(C7)		🖌 FAC-	Neutral Test (D5)
Inundati	on Visible on Aerial	Imagery (E	37) Gauge or	Well Data	a (D9)			
Sparsely	Vegetated Concav	e Surface	(B8) Other (Ex	plain in Re	emarks)			
Field Obser								
Surface Wate	er Present?	Yes 🖌	No Depth (in	ches): 2				
Water Table			No Depth (in					
Saturation P			No Depth (in				land Hydrology	Present? Yes No
(includes cap	oillary fringe)							
Describe Re	corded Data (strean	n gauge, m	onitoring well, aerial	pnotos, p	revious ins	spections)	, it available:	

Remarks:

Hydrology indicators are present throughout wetland

Project/Site: AEP North Delphos - Rockhill	City/County: Lima / Aller	า	Sampling Date:	2021-06-30
Applicant/Owner: AEP		State: Ohio	Sampling Point:	1-I UPL
Investigator(s): J. Holmes E. Wilson	Section, Township, Range:	S003 T	003 R006	
Landform (hillslope, terrace, etc.): Upland, Flat	Local relief (cond	ave, convex, none):	None	
Slope (%): 1 Lat: 40.809352	Long: -84.148792		Datum: WGS 8	4
Soil Map Unit Name: PmA		NWI classific	ation: N/A	
Are climatic / hydrologic conditions on the site typical for this time of ye	ear? Yes 🗹 No	_ (If no, explain in R	emarks.)	
Are Vegetation, Soil, or Hydrology significantly	disturbed? Are "Norm	nal Circumstances" p	present? Yes	No
Are Vegetation, Soil, or Hydrology naturally pr	oblematic? (If needed	l, explain any answe	rs in Remarks.)	
SUMMARY OF FINDINGS – Attach site map showing	sampling point locat	tions, transects	, important fe	eatures, etc.

Hydrophytic Vegetation Present?	Yes	No 🖌			
Hydric Soil Present?	Yes	No	Is the Sampled Area		,
Wetland Hydrology Present?	Yes	No 🖌	within a Wetland?	Yes	No
Remarks:					

Representative of existing ROW along old reclaimed ROW

VEGETATION – Use scientific names of plants.

00 (†	Absolute	Dominant		Dominance Test worksheet:			
Tree Stratum (Plot size: 30 ft r)	% Cover	Species?	Status	Number of Dominant Species			
1				That Are OBL, FACW, or FAC: 0 (A)			
2				Total Number of Dominant			
3				Species Across All Strata: 3 (B)			
4							
5				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)			
		= Total Cov	/er				
Sapling/Shrub Stratum (Plot size: 15 ft r)				Prevalence Index worksheet:			
_{1.} Aesculus flava	10	<u> </u>	FACU	Total % Cover of: Multiply by:			
2				OBL species 0 x 1 = 0			
3				FACW species 5 x 2 = 10			
4				FAC species 0 x 3 = 0			
5.				FACU species 105 x 4 = 420			
<u>. </u>		= Total Cov		UPL species $0 \times 5 = 0$			
Herb Stratum (Plot size: <u>5 ft r</u>)	1070	- 10tai C0V		Column Totals: 110 (A) 430 (B)			
1. Lolium perenne	35	✓	FACU				
2. Phleum pratense	20	✓	FACU	Prevalence Index = B/A = <u>3.9</u>			
3. Asclepias syriaca	15		FACU	Hydrophytic Vegetation Indicators:			
4. Cirsium vulgare	15		FACU	1 - Rapid Test for Hydrophytic Vegetation			
5. Erigeron annuus	10		FACU	2 - Dominance Test is >50%			
6. Verbesina alternifolia	5		FACW	3 - Prevalence Index is ≤3.0 ¹			
7				4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)			
8				Problematic Hydrophytic Vegetation ¹ (Explain)			
9							
10				1			
	100%	= Total Cov	er	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.			
Woody Vine Stratum (Plot size: <u>30 ft r</u>)				be present, unless disturbed of problematic.			
1				Hydrophytic			
2				Vegetation			
= Total Cover				Present? Yes No			
Remarks: (Include photo numbers here or on a separate s	Remarks: (Include photo numbers here or on a separate sheet.)						
A preponderance of hydrophytic ve	egetatio	on is no	ot pres	ent			

Profile Desc	ription: (Describe	to the depth	needed to docum	ent the indicator or o	confirm	the absence	of indicators.)
Depth	Matrix			Features			
(inches)	Color (moist)	%	Color (moist)	<u>%</u> <u>Type</u> ¹ <u></u>	Loc ²	Texture	Remarks
0-6	10YR 4/3	100				Sandy Clay Loam	
-							
<u> </u>							
-							
-							
		letion, RM=R	Reduced Matrix, MS	=Masked Sand Grains	S.		: PL=Pore Lining, M=Matrix.
Hydric Soil	Indicators:						for Problematic Hydric Soils ³ :
Histosol	. ,			leyed Matrix (S4)			Prairie Redox (A16)
	pipedon (A2)			edox (S5)			urface (S7)
	stic (A3)			Matrix (S6)			anganese Masses (F12)
	n Sulfide (A4)			lucky Mineral (F1)			hallow Dark Surface (TF12)
	Layers (A5)		_ /	Bleyed Matrix (F2)		Other ((Explain in Remarks)
	ick (A10) d Balavy Dark Surfac	~ (\ 1 1)		l Matrix (F3) ark Surface (F6)			
	d Below Dark Surfac ark Surface (A12)	e (ATT)		I Dark Surface (F6)		³ Indicatora	of hydrophytic vegetation and
	lucky Mineral (S1)			epressions (F8)			d hydrology must be present,
	icky Peat or Peat (S	3)					disturbed or problematic.
	_ayer (if observed)	-				uness	distance of problemate.
Type:							
						Hydric Soil	Present? Yes No
Depth (inc	cnes):					-	
Remarks:							
The soil	profile mee	ts the c	riteria for ha	aving a deplet	ted m	atrix	
HYDROLO	GY						
Wetland Hyd	drology Indicators:						
Primary Indic	ators (minimum of c	ne is require	d: check all that apr	olv)		Seconda	ary Indicators (minimum of two required)
	Water (A1)			ned Leaves (B9)			ace Soil Cracks (B6)
	iter Table (A2)		Aquatic Fat				nage Patterns (B10)
Saturatio	()			ic Plants (B14)			Season Water Table (C2)
	arks (B1)			Sulfide Odor (C1)			/fish Burrows (C8)
					Booto /		
	nt Deposits (B2)			hizospheres on Living	Roots (C		Iration Visible on Aerial Imagery (C9)
	posits (B3)			of Reduced Iron (C4)			nted or Stressed Plants (D1)
	at or Crust (B4)			Reduction in Tilled S			morphic Position (D2)
	oosits (B5)			Surface (C7)		FAC	c-Neutral Test (D5)
	on Visible on Aerial			Vell Data (D9)			
	Vegetated Concav	e Surface (Bo	3) Other (Expl	lain in Remarks)			
Field Obser							
Surface Wate		es No		hes):			
Water Table				hes):			_
Saturation P	resent? Y	es No	o 🗹 Depth (inc	hes):	Wetla	nd Hydrology	y Present? Yes No
(includes cap	oillary fringe)						
	-			hotos, previous inspec			
No primary	and or seconda	ry wetland	d hydrology indi	icators were prese	ent at t	he time of s	sampling
Remarks:							

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

3/7/2022 7:45:27 PM

in

Case No(s). 22-0154-EL-BLN

Summary: Notice Letter of Notification 3a electronically filed by Hector Garcia-Santana on behalf of Ohio Power Company