# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: AEP North Delphos - Rockhill City	y/County: Gomer/ Allen Sampling Date: 2021-06-30
Applicant/Owner: AEP	State: Ohio Sampling Point: 1-J
Investigator(s): J. Holmes E. Wilson See	ction, Township, Range: S028 T002 R006
Landform (hillslope, terrace, etc.): Depression Local	relief (concave, convex, none): Concave Slope (%): 3
Subregion (LRR or MLRA): L99 40.834841	Long: <b>-84.175525</b> Datum: WGS 84
Soil Map Unit Name: PMA	NWI classification: N/A
Are climatic / hydrologic conditions on the site typical for this time of year?	_
Are Vegetation, Soil, or Hydrology significantly dis	
Are Vegetation, Soil, or Hydrology naturally proble	
SUMMARY OF FINDINGS – Attach site map showing sa	ampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present?  Hydric Soil Present?  Wetland Hydrology Present?  Yes   No   Yes   No   No   No   Wetland Hydrology Present?	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.)	
Representative of a PEM wetland along a ditc	;H.
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 Lea	
High Water Table (A2) Aquatic Fauna (B1	
Saturation (A3) Marl Deposits (B15 Water Marks (B1) Hydrogen Sulfide (	
	neres on Living Roots (C3) Saturation Vis ble on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Reduc	
	ction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surface	
Inundation Visible on Aerial Imagery (B7) Other (Explain in F	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 _ Oppth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, p	previous inspections), if available:
Remarks:	
Multiple wetland hydrology indicators were p	resent at the time of sampling.

Trace Otherhorne (Diet siese 30 ft r	Absolute	Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30 ft r )		Species? Status	Number of Dominant Species
1			That Are OBL, FACW, or FAC: 1 (A)
2			Total Number of Dominant Species Across All Strata: 1 (B)
3			Species Across All Strata: 1 (B)
4			Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)
5			That Ale OBE, FACEV, OF FACE.
6		<del></del>	Prevalence Index worksheet:
7			Total % Cover of: Multiply by:
a= 6:		= Total Cover	OBL species $\frac{100}{0}$ $x = \frac{100}{0}$
Sapling/Shrub Stratum (Plot size: 15 ft r )			FACW species $\frac{0}{0}$ $x = \frac{0}{0}$
1			FAC species $0$ $x 3 = 0$ FACU species $0$ $x 4 = 0$
2			UPL species 0 x5 = 0
3.			Column Totals: 100 (A) 100 (B)
4			
5			Prevalence Index = B/A = 1.00
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 )			✓ 3 - Prevalence Index is ≤3.0 <sup>1</sup>
<sub>1.</sub> Typha angustifolia	100	✓ OBL	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2			Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3.			
4.			<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5.			
6.			Definitions of Vegetation Strata:
7			<b>Tree</b> – 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			
11			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
12.		= Total Cover	height.
Weeds Vine Stratum (Diet sine, 30 ft r	10070	- Total Cover	
Woody Vine Stratum (Plot size: 30 ft r )			
1	<u> </u>		
2			
3			Hydrophytic Vegetation
4			Present? Yes No
Remarks: (Include photo numbers here or on a separate		= Total Cover	
· · ·	•		
A preponderance of hydrophytic veg	getation	n is present.	

SOIL Sampling Point: 1-J

Profile Desc	ription: (Describe	to the de	oth needed to docur	nent the	indicator	or confirm	n the absence	of indicators.)
Depth	Matrix			x Feature				
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>	Remarks
0 - 20	10YR 4/1	85	10YR 5/6	15	<u>C</u>	PL	Silt Loam	
-								
	-			-	-			
				-		-		
_								
			-		-			
	-	<del></del>		· <del></del>				
_								
					-	-		
	-		-		-		2	
'Type: C=Co		letion, RM	=Reduced Matrix, MS	S=Maske	d Sand Gi	ains.		: PL=Pore Lining, M=Matrix.  for Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Belov	w Surface	(S8) (I <b>D</b>	D D		luck (A10) (LRR K, L, MLRA 149B)
	pipedon (A2)		MLRA 149B)		; (30) ( <b>LI</b> X	ix ix,		Prairie Redox (A16) (LRR K, L, R)
Black Hi			Thin Dark Surfa	ice (S9) (	LRR R, M	LRA 149E		lucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4)		Loamy Mucky N			(, L)		urface (S7) (LRR K, L)
	l Layers (A5) l Below Dark Surfac	o (A11)	Loamy Gleyed □ ✓ Depleted Matrix		2)			lue Below Surface (S8) (LRR K, L)
	аrk Surface (A12)	e (ATT)	Redox Dark Su		١			ark Surface (S9) ( <b>LRR K, L</b> ) anganese Masses (F12) ( <b>LRR K, L, R</b> )
	lucky Mineral (S1)		Depleted Dark					ont Floodplain Soils (F19) (MLRA 149B)
-	Bleyed Matrix (S4)		Redox Depress					Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> )
1	ledox (S5)							arent Material (F21)
	Matrix (S6)	MI DA 140	D)					hallow Dark Surface (TF12)
Dark Sui	rface (S7) (LRR R, N	VILKA 149	в)				Other (	Explain in Remarks)
<sup>3</sup> Indicators of	f hydrophytic vegeta	tion and w	etland hydrology mus	t be pres	ent, unles	s disturbed	d or problematic	<u>.</u>
Restrictive I	_ayer (if observed):	:						
Туре:								
Depth (inc	ches):						Hydric Soil	Present? Yes No
Remarks:								
The soil	profile meet	c tha c	riteria for hav	ina a	donlo	tad ma	triv	
1116 3011	prome meet	3 1110 0	interia for hav	ring a	acpic	ica ilie	itiix.	

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: AEP North Delphos - Rockhill	City/County: Gomer/ Allen	<u> </u>	Sampling Date: 2021-06-30
Applicant/Owner: AEP		State: Ohio	Sampling Point: 1-J UPL
Investigator(s): J. Holmes E. Wilson	Section, Township, Range:	OOOO TOOO	R006
Landform (hillslope, terrace, etc.): Upland, Hillslope			Slope (%): 2
Subregion (LRR or MLRA): L99 Lat: 40.8349		175626	Datum: WGS 84
Soil Map Unit Name: Blg1A1	Long 0	NWI classifica	tion: N/A
Are climatic / hydrologic conditions on the site typical for this time	_		
Are Vegetation, Soil, or Hydrology signific			
Are Vegetation, Soil, or Hydrology natural	ly problematic? (If needed, e	xplain any answers	s in Remarks.)
SUMMARY OF FINDINGS – Attach site map show	ving sampling point locatio	ns, transects,	important features, etc.
Hydrophytic Vegetation Present? Yes No	' Is the Sampled Area		
Hydric Soil Present? Yes No	within a Wetland?	Yes	_ No <u> </u>
Wetland Hydrology Present? Yes No	/ If yes, optional Wetland	Site ID:	
Remarks: (Explain alternative procedures here or in a separate		-	
Maintain road side area outside wetland			
LIVEROLOGY			
HYDROLOGY Wetland Hydrology Indicators:		Secondary Indicate	ors (minimum of two required)
Primary Indicators (minimum of one is required; check all that an		Surface Soil C	
		Drainage Patt	, ,
Surface Water (A1) Water-Star High Water Table (A2) Aquatic Fa		Moss Trim Lin	
Saturation (A3) Marl Depo			/ater Table (C2)
	Sulfide Odor (C1)	Crayfish Burro	
	Rhizospheres on Living Roots (C3)		ble on Aerial Imagery (C9)
	of Reduced Iron (C4)		essed Plants (D1)
Algal Mat or Crust (B4) Recent Iro	n Reduction in Tilled Soils (C6)	Geomorphic P	Position (D2)
Iron Deposits (B5) Thin Muck	Surface (C7)	Shallow Aquita	ard (D3)
	olain in Remarks)		hic Relief (D4)
Sparsely Vegetated Concave Surface (B8)		FAC-Neutral T	est (D5)
Field Observations:			
Surface Water Present? Yes No Depth (in			
Water Table Present? Yes No Depth (in			
Saturation Present? Yes No _ ✓ Depth (in (includes capillary fringe)	ches): Wetland H	ydrology Present	? Yes No/
Describe Recorded Data (stream gauge, monitoring well, aerial	photos, previous inspections), if avai	ilable:	
Remarks:			
No primary and or secondary wetland hy	drology indicators we	re present a	it the time of
sampling			

<b>/EGETATION</b> – Use scientific names of plants	i.			Sampling Point: 1-J UPL
Tree Stratum (Plot size: 30 ft r )	Absolute	Dominant Species?		Dominance Test worksheet:
1. Plot size: 30 1(1)			Status	Number of Dominant Species
2				That Are OBL, FACW, or FAC: 1 (A)
				Total Number of Dominant Species Across All Strata: 3 (B)
3				eposico / torodo / tili etrata.
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 33 (A/B)
5.				, , , , ,
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:  OBL species 0 x 1 = 0
		= Total Co	ver	OBL species $0 \times 1 = 0$ FACW species $25 \times 2 = 50$
Sapling/Shrub Stratum (Plot size: 15 ft r )				FAC species 0
1				FACU species 65 x 4 = 260
2				UPL species 10 x 5 = 50
3				Column Totals: 100 (A) 360 (B)
4				Developed Index = D/A = 3.6
5				Prevalence Index = B/A = 3.6
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
		= Total Co	ver	2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5 ft r )				4 - Morphological Adaptations <sup>1</sup> (Provide supporting
<sub>1.</sub> Dactylis glomerata	25		FACU	data in Remarks or on a separate sheet)
2. Phalaris arundinacea	25	✓	FACW	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Phleum pratense	25	✓	FACU	The disease of booking only and constant booking on the
4. Phleum pratense	15		FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
<sub>5.</sub> Asclepias syriaca	10		UPL	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
12.		= Total Co		height.
Woody Vine Stratum (Plot size: 30 ft r )		- 10tai 00	VCI	
· · · · · · · · · · · · · · · · · · ·				
1				
2.				
3				Hydrophytic Vegetation
4				Present? Yes No
4		= Total Co		

SOIL Sampling Point: 1-J UPL

Profile Desc	ription: (Describe	to the dept	h needed to docum	nent the i	ndicator	or confirn	n the absence of	f indicators.)
Depth	Matrix			<u> Feature</u>	s	. 2	<b>+</b> .	5 .
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>	Remarks
0 - 20	10YR 4/3	100					Silt Loam	
-								
							·	
-	-	. ———						
					-			
-								
_								
-	-				-			
	-	<del></del>						-
		<u> </u>						
-								
	-	<del></del>						
	-							
¹Type: C=Co	oncentration, D=Dep	letion, RM=	Reduced Matrix, MS	=Masked	d Sand Gr	ains.	<sup>2</sup> Location:	PL=Pore Lining, M=Matrix.
Hydric Soil I		,	,					or Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Below	/ Surface	(S8) ( <b>LR</b>	R R,		ck (A10) ( <b>LRR K, L, MLRA 149B</b> )
	pipedon (A2)		MLRA 149B)	.=				rairie Redox (A16) ( <b>LRR K, L, R</b> )
Black His	stic (A3) n Sulfide (A4)		Thin Dark Surface Loamy Mucky M					cky Peat or Peat (S3) ( <b>LRR K, L, R</b> ) face (S7) ( <b>LRR K, L</b> )
	I Layers (A5)		Loamy Gleyed N			., L <i>)</i>		e Below Surface (S8) (LRR K, L)
	d Below Dark Surfac	e (A11)	Depleted Matrix		.,		-	k Surface (S9) ( <b>LRR K, L</b> )
Thick Da	ark Surface (A12)		Redox Dark Sur	face (F6)			Iron-Man	nganese Masses (F12) (LRR K, L, R)
-	lucky Mineral (S1)		Depleted Dark S		7)			t Floodplain Soils (F19) ( <b>MLRA 149B</b> )
	lleyed Matrix (S4)		Redox Depressi	ons (F8)				podic (TA6) (MLRA 144A, 145, 149B)
	edox (S5) Matrix (S6)							ent Material (F21) allow Dark Surface (TF12)
	rface (S7) ( <b>LRR R, N</b>	/ILRA 149B	)					xplain in Remarks)
	, , , ,		,				`	,
			tland hydrology mus	t be prese	ent, unles	s disturbed	l or problematic.	
Restrictive L	_ayer (if observed):							
Type:								,
Depth (inc	ches):						Hydric Soil P	resent? Yes No
Remarks:							1	
The soil	nrofile does	not me	et the criteria	a for a	ny hy	dric so	il indicator	·e
1110 3011	profile does	1101 1110		u 101 c		aric 30	ii iiiaicatoi	3

Project/Site: AEP North Delphos - Rockhill	c	city/County	<u>  Lima                                   </u>	llen	Sampling Date: 2021-06-30
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-K
Investigator(s): J. Holmes E. Wilson	8	Section, To	wnship, Ran	nge: S011 T003	3 R006
Landform (hillslope, terrace, etc.): Depression				concave, convex, none):	
Slope (%): 1 Lat: 40.798630		.ong:84	.137416		Datum: WGS 84
Soil Map Unit Name: Blg1B1				NWI classific	ation:
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	No	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology sig	gnificantly d	listurbed?	Are "N	Normal Circumstances" p	present? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	olematic?	(If nee	eded, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	samplin	g point lo	cations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No			e Sampled		
Wetland Hydrology Present? Yes ✓ No		with	in a Wetlan	d? Yes	No
Remarks:		_			
PSS Wetland on edge of ROW. Recently	y mowe	d some	e veg de	stroyed. Broken	saplings present.
VECETATION III a seiscutte a consession de la conse					
<b>VEGETATION</b> – Use scientific names of plants.	A b a ali sta	Dominant	Indianta I	Daminanaa Taat wada	ahaati.
Tree Stratum (Plot size:30 ft r)	Absolute % Cover			Dominance Test work  Number of Dominant Sp	
1				That Are OBL, FACW, of	
2				Total Number of Domin	ant
3				Species Across All Stra	^
4				Percent of Dominant Sp	pecies
5				That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total Cov	er [	Prevalence Index work	ksheet:
1. Salix nigra	40	<u> </u>	OBL	Total % Cover of:	Multiply by:
2. Rosa palustris	5		OBL		x 1 = <u>45</u>
3					x 2 = <u>70</u>
4					x 3 = <u>135</u>
5				•	x 4 = <u>60</u>
Herb Stratum (Plot size: 5 ft r )	<u>45%</u> =	= Total Cov	er	UPL species 0	x 5 = 0
Apocynum cannabinum	45	✓	FAC	Column Totals: 140	(A) <u>310</u> (B)
2 Phalaris arundinacea	35		FACW	Prevalence Index	= B/A = 2.2
3. Solidago canadensis	15		FACU	Hydrophytic Vegetation	on Indicators:
4.				1 - Rapid Test for H	Hydrophytic Vegetation
5				✓ 2 - Dominance Tes	it is >50%
6				3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>
7				4 - Morphological A	Adaptations <sup>1</sup> (Provide supporting
8					s or on a separate sheet)
9				Problematic Hydrop	phytic Vegetation <sup>1</sup> (Explain)
10				<sup>1</sup> Indicators of hydric soi	I and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r	95%	= Total Cov	ver	be present, unless distu	
1				Hydrophytic	
2				Vegetation	<b>√</b> ,,
		= Total Cov	ver	Present? Yes	s No
Remarks: (Include photo numbers here or on a separate sl	neet.)				
A preponderance of hydrophytic ve	getatio	n is pr	esent		
		•			

SOIL Sampling Point: 1-K

Profile Desc	cription: (Describe	to the dep	th needed to docu	ment the	indicator	or confir	m the absence of ir	ndicators.)
Depth	Matrix			x Feature	es			
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0 - 20	10YR 5/2	80	10YR 4/6	_ 20	<u>C</u>	<u>M</u>	Clay Loam	
-								
<del></del>								
-								
17	ttion D-D-		Deduced Metric M	C-Maska			21 anation: DI	-Dave Lining Manhatria
Hydric Soil	oncentration, D=De	pietion, Kivi-	-Reduced Matrix, M	S-Maske	a Sana Gi	ams.		.=Pore Lining, M=Matrix.  Problematic Hydric Soils³:
Histosol			Sandy	Gleyed M	atriv (SA)			rie Redox (A16)
_	pipedon (A2)			Redox (S			Coast Fraii	
	istic (A3)			d Matrix (			_	anese Masses (F12)
	en Sulfide (A4)				neral (F1)			ow Dark Surface (TF12)
	d Layers (A5)			Gleyed M				lain in Remarks)
2 cm Mu	uck (A10)		Deplete	ed Matrix (	(F3)			
	d Below Dark Surfa	ce (A11)	Redox	Dark Surf	ace (F6)			
_	ark Surface (A12)				urface (F7	)		ydrophytic vegetation and
	Mucky Mineral (S1)		Redox	Depression	ons (F8)			drology must be present,
	ucky Peat or Peat (S						unless dist	urbed or problematic.
_	Layer (if observed	):						
Type:							Hydric Soil Pres	sent? Yes No
Depth (in	ches):						.,,	
Remarks:								
<b>HYDROLO</b>	GY							
Wetland Hy	drology Indicators	:						
Primary India	cators (minimum of	one is requir	ed; check all that a	pply)			Secondary Ir	ndicators (minimum of two required)
Surface	Water (A1)		Water-Sta	ained Leav	/es (B9)		Surface	Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic F	auna (B13	3)		✓ Drainage	e Patterns (B10)
Saturation			True Aqua					son Water Table (C2)
Water M	larks (B1)		Hydrogen	Sulfide O	dor (C1)		Crayfish	Burrows (C8)
Sedime	nt Deposits (B2)					ing Roots	(C3) Saturation	on Visible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence	of Reduc	ed Iron (C	4)	Stunted	or Stressed Plants (D1)
Algal Ma	at or Crust (B4)		Recent Iro	on Reduct	ion in Tille	d Soils (C	(6) <u>✓</u> Geomor	phic Position (D2)
Iron Dep	posits (B5)		Thin Mucl	k Surface	(C7)		✓ FAC-Ne	utral Test (D5)
Inundati	on Visible on Aerial	Imagery (B7	7) Gauge or	Well Data	(D9)			
Sparsely	y Vegetated Conca	re Surface (E	38) Other (Ex	plain in R	emarks)			
Field Obser			_					
Surface Wat	er Present?	Yes 1	No Depth (ir	nches):		_		
Water Table	Present?	Yes 1	No Depth (ir	nches):		_		
Saturation P	resent?		No Depth (in				tland Hydrology Pro	esent? Yes No
	corded Data (strear	n gauge, mo	nitoring well, aerial	photos, p	revious in	spections)	, if available:	
Remarks:								
Multipla	indicators	of wetla	nd hydrolog	אי ער	re nre	sent a	t the time of	sampling
Intractions	mulcaturs (	JI WELIO	ina nyarolo(	y we	e bie	sent a	t the time of	Sampling

Project/Site: AEP North Delphos - Rockhill	(	City/Count	<sub>ty:</sub> <u>Lima</u> / <b>A</b>	llen	Sampling Date: 2021-06-30
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-K/L UPL
Investigator(s): J. Holmes E. Wilson	:	Section, T	ownship, Rar	nge:S011 T00	)3 R006
				(concave, convex, none):	
	ا	Long:84	4.137467		Datum: WGS 84
Soil Map Unit Name: Blg1B1				NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for	this time of yea	ar? Yes _			
Are Vegetation, Soil, or Hydrology	_ significantly	disturbed?	Are "	Normal Circumstances" p	present? Yes No
Are Vegetation, Soil, or Hydrology	_ naturally pro	blematic?	(If ne	eded, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site ma	p showing	sampli	ng point le	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes	No				
Hydric Soil Present? Yes	No		he Sampled		
Wetland Hydrology Present? Yes	No	wit	hin a Wetlan	ıd? Yes	No
Remarks:					
Representative of existing ROW.	Recently	mowe	ed. Veg	disturbed	
<b>VEGETATION</b> – Use scientific names of plan	ıts				
	Absolute	Dominar	nt Indicator	Dominance Test work	sheet:
Tree Stratum (Plot size: 30 ft r )			? Status	Number of Dominant Sp	
1				That Are OBL, FACW, o	
2				Total Number of Domina	ant
3				Species Across All Strat	ta: <u>4</u> (B)
4				Percent of Dominant Sp	
5		= Total Co		That Are OBL, FACW, o	or FAC: <u>25</u> (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		- Total Co	over	Prevalence Index work	ksheet:
1. Fraxinus americana	15		FACU_	Total % Cover of:	Multiply by:
2. Rosa multiflora	10		FACU_	OBL species 0	x 1 = <u>0</u>
3					x 2 = 0
4				· ·	x 3 = <u>45</u>
5					x 4 = <u>340</u>
Herb Stratum (Plot size: 5 ft r )	<u>25%                                    </u>	= Total Co	over	UPL species 0	
1 Solidago canadensis	50	✓	FACU	Column Totals: 100	(A) <u>385</u> (B)
Apocynum cannabinum			FAC	Prevalence Index	= B/A = 3.9
3. Erigeron annuus	10		FACU	Hydrophytic Vegetation	on Indicators:
4.				1 - Rapid Test for H	Hydrophytic Vegetation
5				2 - Dominance Tes	
6				3 - Prevalence Inde	
7				4 - Morphological A	Adaptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8				1	phytic Vegetation <sup>1</sup> (Explain)
9				i robiematic riyarop	onytic vegetation (Explain)
10	750/			Indicators of hydric soil	I and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	<u>75%                                    </u>	= Total Co	over	be present, unless distu	urbed or problematic.
1				Hydrophytic	
2				Vegetation	. No 🗸
		= Total Co	over	Present? Yes	s No
Remarks: (Include photo numbers here or on a separa	te sheet.)				
A preponderance of hydrophytic	vegetation	on is n	ot prese	ent	

SOIL Sampling Point: 1-K/L UPL

Profile Description: (Describe to the depth	needed to document the indicator or c	onfirm the absence of indicators.)
Depth Matrix	Redox Features	
	Color (moist) % Type <sup>1</sup> L	oc <sup>2</sup> Texture Remarks
0-6 10YR 4/3 100 _		Sandy Clay Loam
-		
<u> </u>		
— <del>-</del> — — — — —		
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=Re	educed Matrix, MS=Masked Sand Grains	. <sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:		Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Sandy Gleyed Matrix (S4)	Coast Prairie Redox (A16)
Histic Epipedon (A2)	Sandy Redox (S5)	Dark Surface (S7)
Black Histic (A3)	Stripped Matrix (S6)	Iron-Manganese Masses (F12)
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1)	Very Shallow Dark Surface (TF12)
Stratified Layers (A5) 2 cm Muck (A10)	Loamy Gleyed Matrix (F2) Depleted Matrix (F3)	Other (Explain in Remarks)
Depleted Below Dark Surface (A11)	Redox Dark Surface (F6)	
Thick Dark Surface (A12)	Depleted Dark Surface (F7)	<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Redox Depressions (F8)	wetland hydrology must be present,
5 cm Mucky Peat or Peat (S3)		unless disturbed or problematic.
Restrictive Layer (if observed):		
Туре:	_	Hadda Oall Barranto - Mar
Depth (inches):	_	Hydric Soil Present? Yes No
Remarks:		
HYDROLOGY		
Wetland Hydrology Indicators:		
Primary Indicators (minimum of one is required		Secondary Indicators (minimum of two required)
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)
Saturation (A3)	True Aquatic Plants (B14)	Dry-Season Water Table (C2)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2)	Oxidized Rhizospheres on Living	—
Drift Deposits (B3)	Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled So	Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) Iron Deposits (B5)	Thin Muck Surface (C7)	oils (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)
Inundation Visible on Aerial Imagery (B7)	Gauge or Well Data (D9)	i Ao-Neutral Test (D3)
Sparsely Vegetated Concave Surface (B8)		
Field Observations:		
	Depth (inches):	
Water Table Present? Yes No	Depth (inches):	
		,
Saturation Present? Ves No.	✓ Denth (inches):	Wetland Hydrology Present? Ves No
Saturation Present? Yes No (includes capillary fringe)  Describe Recorded Data (stream gauge, monitor)	_ ✓ Depth (inches):  oring well, aerial photos, previous inspec	Wetland Hydrology Present? Yes No tions), if available:
(includes capillary fringe)	oring well, aerial photos, previous inspec	tions), if available:
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitor)	oring well, aerial photos, previous inspec	tions), if available:
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitor No primary and or secondary wetland	oring well, aerial photos, previous inspec	tions), if available:
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitor No primary and or secondary wetland	oring well, aerial photos, previous inspec	tions), if available:
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitor No primary and or secondary wetland	oring well, aerial photos, previous inspec	tions), if available:

Project/Site: AEP North Delphos - Rockhill	0	City/Count	<sub>ty:</sub> <u>Lima</u> / <b>A</b>	illen	Sampling Date: 2021-06-30
Applicant/Owner: AEP					Sampling Point: 1-L
Investigator(s): J. Holmes E. Wilson		Section, T	ownship, Rar	nge:S011 T00	<u> 3 R006</u>
Landform (hillslope, terrace, etc.): Depression					
Slope (%): 1 Lat: 40.799327	ι	.ong: _ <b>-8</b>	4.137937		Datum: WGS 84
Soil Map Unit Name:PmA				NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this					
Are Vegetation, Soil, or Hydrology sig	gnificantly d	listurbed?	? Are "	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology na	iturally prob	olematic?	(If ne	eded, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	sampli	ng point lo	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No			the Sampled		N -
Wetland Hydrology Present? Yes V No Remarks:		Wit	thin a Wetlan	id? Yes	No
		Ì			
Wetland in existing ROW. Recently r	nowea	١.			
<b>VEGETATION</b> – Use scientific names of plants.					
00 ft			nt Indicator	Dominance Test work	
1			? Status	Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domin	
3				Species Across All Stra	ta: <u>2</u> (B)
5				Percent of Dominant Sp That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total Co	over	Prevalence Index work	ksheet:
1				Total % Cover of:	
2					x 1 = 0
3					x 2 = 180
4					x = 30 x = 4 = 0
5					x 4 = 0 x 5 = 0
Herb Stratum (Plot size: 5 ft r )				Column Totals: 100	(A) 210 (B)
1. Leersia virginica	45		FACW		
2. Phalaris arundinacea	45		- FACW FAC		= B/A = <u>2.1</u>
3. Apocynum cannabinum			- FAC	Hydrophytic Vegetation ✓ 1 - Rapid Test for H	
4				2 - Dominance Tes	
5 6				✓ 3 - Prevalence Inde	4
7				4 - Morphological A	Adaptations <sup>1</sup> (Provide supporting
8					s or on a separate sheet) phytic Vegetation <sup>1</sup> (Explain)
9				Problematic Hydrop	mytic vegetation (Explain)
10	100%			<sup>1</sup> Indicators of hydric soil	I and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	100%_	= Total Co	over	be present, unless distu	
1				Hydrophytic Vegetation	
2			over	Present? Yes	s No
Remarks: (Include photo numbers here or on a separate sh				I	
A preponderance of hydrophytic ve	getatic	n is n	resent		
	J	- 1-	•		

SOIL Sampling Point: 1-L

Profile Description:  Depth	Matrix		Rede	ox Feature				
(inches) Cold	or (moist)	%	Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0-2010YR	R 5/2	95 10	OYR 4/6	_ 5	С	М	Silty Clay Loam	
-								
							·	
-								
¹Type: C=Concentra	ation. D=Deple	etion. RM=Re	educed Matrix. M	– ——— IS=Maske	- ——— d Sand Gr	ains.	<sup>2</sup> Location: F	PL=Pore Lining, M=Matrix.
Hydric Soil Indicato								r Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)			Sandy	Gleyed M	atrix (S4)		Coast Pra	airie Redox (A16)
Histic Epipedon	(A2)			Redox (S			Dark Surf	ace (S7)
Black Histic (A3)				ed Matrix (				ganese Masses (F12)
Hydrogen Sulfide				Mucky Mi				llow Dark Surface (TF12)
Stratified Layers	. ,			Gleyed M			Other (Ex	plain in Remarks)
2 cm Muck (A10 Depleted Below	,	· /A11)		ed Matrix (				
Thick Dark Surfa		(A11)		Dark Surf ed Dark S		)	3Indicators of	hydrophytic vegetation and
Sandy Mucky Mi				Depression		,		ydrology must be present,
5 cm Mucky Pea		)		Боргосок	(. 0)			sturbed or problematic.
Restrictive Layer (if		,						·
Туре:			_					
Depth (inches):			_				Hydric Soil Pr	esent? Yes No
Remarks:								
					a dep			
HYDROLOGY								
	Indicators:							
Wetland Hydrology		ne is required	check all that a	vlaa.			Secondary	Indicators (minimum of two required)
Wetland Hydrology Primary Indicators (m	minimum of or	ne is required						· · · · · · · · · · · · · · · · · · ·
Wetland Hydrology Primary Indicators (m Surface Water (A	minimum of or A1)	ne is required	Water-Sta	ained Leav	ves (B9)		Surface	e Soil Cracks (B6)
Wetland Hydrology Primary Indicators (m	minimum of or A1)	ne is required	Water-Sta		ves (B9)		Surface	
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Tabl Saturation (A3)	ninimum of or A1) le (A2)	ne is required	Water-Sta Aquatic F True Aqu	ained Leav auna (B13 atic Plants	ves (B9) 3) 5 (B14)		Surface Draina	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table	ninimum of or A1) le (A2) 1)	ne is required	Water-Sta Aquatic F True Aqu Hydrogen	ained Leav auna (B13 atic Plants Sulfide C	ves (B9) 3) 5 (B14) dor (C1)		Surface Drainag Dry-Se Crayfis	e Soil Cracks (B6) ge Patterns (B10)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1	ninimum of or A1) le (A2) 1) sits (B2)	ne is required	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized	ained Leav auna (B13 atic Plants Sulfide C	ves (B9) B) 5 (B14) odor (C1) eres on Liv	ving Roots	Surface  Toraina  Dry-Se  Crayfis  (C3) Saturat	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depos	ninimum of or A1) le (A2) 1) sits (B2)	ne is required	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized	ained Leaver auna (B13 atic Plants of Sulfide Control Reduced	ves (B9) B) G (B14) Idor (C1) Peres on Lived Iron (C	ving Roots 4)	Surface  To Drainage  Dry-Se  Crayfis  (C3) Saturat  Stunted	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9)
Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depose Drift Deposits (B	ninimum of or A1) le (A2) 1) sits (B2) 33) st (B4)	ne is required	Water-Sta Aquatic F True Aqu Hydroger X Oxidized Presence	ained Leav fauna (B13 atic Plants in Sulfide O Rhizosphe e of Reduct on Reduct	ves (B9) 3) 5 (B14) 5 dor (C1) 6 eres on Lived Iron (C	ving Roots 4)	Surface Drainag Dry-Se Crayfis (C3) Saturat Stuntee G) Geome	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depose Drift Deposits (B Algal Mat or Cru	ninimum of or A1) le (A2) 1) sits (B2) 33) lst (B4)		Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In	ained Leav fauna (B13 atic Plants n Sulfide O Rhizosphe e of Reduct on Reduct k Surface	/es (B9) 3) 5 (B14) 6 dor (C1) 6 eres on Lived Iron (C) 6 ion in Tille 6 (C7)	ving Roots 4)	Surface Drainag Dry-Se Crayfis (C3) Saturat Stuntee G) Geome	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits (B Algal Mat or Cru Iron Deposits (B	ninimum of or A1) le (A2) 1) sits (B2) 33) ist (B4) !5)	nagery (B7)	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In Thin Muc Gauge or	ained Leav fauna (B13 atic Plants n Sulfide O Rhizosphe of Reduct on Reduct k Surface	ves (B9) 3) 5 (B14) 6 (C1) 6 eres on Lived Iron (C 6 ion in Tille 7 (C7) 6 (C9)	ving Roots 4)	Surface Drainag Dry-Se Crayfis (C3) Saturat Stuntee G) Geome	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depose Drift Deposits (B1 Algal Mat or Cru Iron Deposits (B2 Inundation Visible	ninimum of or A1) le (A2) 1) sits (B2) 33) sst (B4) 55) le on Aerial In ated Concave	nagery (B7) Surface (B8)	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In Thin Muc Gauge or Other (Ex	ained Leav fauna (B13 atic Plants a Sulfide C Rhizosphe of Reduct on Reduct k Surface Well Data cplain in Re	ves (B9) 3) 5 (B14) bdor (C1) eres on Lived Iron (C ion in Tille (C7) a (D9) emarks)	ving Roots 4) d Soils (C	Surface Drainag Dry-Se Crayfis (C3) Saturat Stuntee G) Geome	ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depose Drift Deposits (B1 Algal Mat or Cru Iron Deposits (B2 Inundation Visible Sparsely Vegeta	ninimum of or A1) le (A2) 1) sits (B2) 33) let (B4) 15) le on Aerial In ated Concave :	nagery (B7) Surface (B8) es No	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In Thin Muc Gauge or Other (Ex	ained Leav fauna (B13 atic Plants a Sulfide C Rhizosphe of Reduct on Reduct k Surface Well Data xplain in Ro	ves (B9) 3) 5 (B14) 6 dor (C1) 6 eres on Lived Iron (C 6 ion in Tille 7 (C7) 7 (D9) 8 emarks)	ving Roots 4) ed Soils (C	Surface Drainag Dry-Se Crayfis (C3) Saturat Stuntee G) Geome	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depose Drift Deposits (B1 Algal Mat or Cru Iron Deposits (B2 Inundation Visible Sparsely Vegeta Field Observations:	ninimum of or A1) le (A2) 1) sits (B2) 33) let (B4) 55) le on Aerial In ated Concave : ent? Ye	nagery (B7) Surface (B8) es No es No	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In Thin Muc Gauge or Other (Ex	ained Leavanne (B13) atic Plants on Sulfide OR Reduct on Reduct k Surface (Well Data explain in Reduct on Reduct (Reduct on Reduct on Reduction Re	ves (B9) 3) 5 (B14) dor (C1) eres on Liv ed Iron (C ion in Tille (C7) a (D9) emarks)	ving Roots 4) ed Soils (C	Surface Drainag Try-Se Crayfis (C3) Saturat Stunted Geomo FAC-N	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits (B1 Algal Mat or Cru Iron Deposits (B1 Inundation Visible Sparsely Vegeta Field Observations: Surface Water Present Saturation Present? (includes capillary friin	ninimum of or A1) le (A2) 1) sits (B2) 33) let (B4) 55) le on Aerial In ated Concave : ent? Ye Ye nge)	nagery (B7) Surface (B8) es No es No es No	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In Thin Muc Gauge or Other (Ex  Depth (ir  Depth (ir	ained Leaving ained Leaving (B13) atic Plants on Sulfide Or Reduct on Reduct on Reduct k Surface or Well Data (plain in Reduct on Reduction Reduct	ves (B9) 3) 5 (B14) 6 dor (C1) 6 eres on Lived Iron (C 6 ion in Tille 7 (C7) 6 (D9) 6 emarks)	ving Roots 4) ed Soils (C	Surface Drainage Crayfis (C3) Saturate Stunted FAC-N	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits (B Algal Mat or Cru Iron Deposits (BI Inundation Visible Sparsely Vegeta Field Observations: Surface Water Present Saturation Present?	ninimum of or A1) le (A2) 1) sits (B2) 33) let (B4) 55) le on Aerial In ated Concave : ent? Ye Ye nge)	nagery (B7) Surface (B8) es No es No es No	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In Thin Muc Gauge or Other (Ex  Depth (ir  Depth (ir	ained Leaving ained Leaving (B13) atic Plants on Sulfide Or Reduct on Reduct on Reduct k Surface or Well Data (plain in Reduct on Reduction Reduct	ves (B9) 3) 5 (B14) 6 dor (C1) 6 eres on Lived Iron (C 6 ion in Tille 7 (C7) 6 (D9) 6 emarks)	ving Roots 4) ed Soils (C	Surface Drainage Crayfis (C3) Saturate Stunted FAC-N	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depose Drift Deposits (B1 Algal Mat or Cru Iron Deposits (B2 Inundation Visible Sparsely Vegeta Field Observations: Surface Water Preset Water Table Present Saturation Present? (includes capillary frig	ninimum of or A1) le (A2) 1) sits (B2) 33) let (B4) 55) le on Aerial In ated Concave : ent? Ye Ye nge)	nagery (B7) Surface (B8) es No es No es No	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In Thin Muc Gauge or Other (Ex  Depth (ir  Depth (ir	ained Leaving ained Leaving (B13) atic Plants on Sulfide Or Reduct on Reduct on Reduct k Surface or Well Data (plain in Reduct on Reduction Reduct	ves (B9) 3) 5 (B14) 6 dor (C1) 6 eres on Lived Iron (C 6 ion in Tille 7 (C7) 6 (D9) 6 emarks)	ving Roots 4) ed Soils (C	Surface Drainage Crayfis (C3) Saturate Stunted FAC-N	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits (B Algal Mat or Cru Iron Deposits (B Inundation Visible Sparsely Vegeta Field Observations: Surface Water Preset Water Table Present Saturation Present? (includes capillary friid Describe Recorded Describe Record	ninimum of or A1) le (A2) 1) sits (B2) 33) let (B4) 55) le on Aerial In ated Concave : ent? Ye Ye nge) Data (stream	nagery (B7) Surface (B8) es No es No es No gauge, monite	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In Thin Muc Gauge or Other (Ex  Depth (in  Depth (in	ained Leaving ained Leaving ained Leaving ained Leaving at the control of Reduction Re	ves (B9) 3) 5 (B14) 6 odor (C1) 6 eres on Lived Iron (C 6 ion in Tille 7 (C7) 6 (D9) 6 emarks) 7 revious ins	ving Roots 4) ed Soils (C	Surface  Draina  Dry-Se  Crayfis  (C3) Saturat  Stunted  FAC-N  Stand Hydrology P	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depose Drift Deposits (B1 Algal Mat or Cru Iron Deposits (B2 Inundation Visible Sparsely Vegeta Field Observations: Surface Water Preset Water Table Present Saturation Present? (includes capillary frig	ninimum of or A1) le (A2) 1) sits (B2) 33) let (B4) 55) le on Aerial In ated Concave : ent? Ye Ye nge) Data (stream	nagery (B7) Surface (B8) es No es No es No gauge, monite	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In Thin Muc Gauge or Other (Ex  Depth (in  Depth (in	ained Leaving ained Leaving ained Leaving ained Leaving at the control of Reduction Re	ves (B9) 3) 5 (B14) 6 odor (C1) 6 eres on Lived Iron (C 6 ion in Tille 7 (C7) 6 (D9) 6 emarks) 7 revious ins	ving Roots 4) ed Soils (C	Surface  Draina  Dry-Se  Crayfis  (C3) Saturat  Stunted  FAC-N  Stand Hydrology P	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)
Wetland Hydrology Primary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depose Drift Deposits (B Algal Mat or Cru Iron Deposits (B Inundation Visible Sparsely Vegeta Field Observations: Surface Water Present Saturation Present? (includes capillary friid Describe Recorded E	ninimum of or A1) le (A2) 1) sits (B2) 33) let (B4) 55) le on Aerial In ated Concave : ent? Ye Ye nge) Data (stream	nagery (B7) Surface (B8) es No es No es No gauge, monite	Water-Sta Aquatic F True Aqu Hydrogen X Oxidized Presence Recent In Thin Muc Gauge or Other (Ex  Depth (in  Depth (in	ained Leaving ained Leaving ained Leaving ained Leaving at the control of Reduction Re	ves (B9) 3) 5 (B14) 6 odor (C1) 6 eres on Lived Iron (C 6 ion in Tille 7 (C7) 6 (D9) 6 emarks) 7 revious ins	ving Roots 4) ed Soils (C	Surface  Draina  Dry-Se  Crayfis  (C3) Saturat  Stunted  FAC-N  Stand Hydrology P	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)

Project/Site: AEP North Delphos - Rockhill	<sub>nty:</sub> <u>Lima</u> / <b>A</b>	Allen	Sampling Date: 2021-06-30			
Applicant/Owner: AEP		State: Ohio Sampling Point: 1-M				
Investigator(s): J. Holmes E. Wilson		Section,	Township, Rai	<sub>nge:</sub> S011 T00	3 R006	
Landform (hillslope, terrace, etc.): Depression			_ Local relief	(concave, convex, none):	Concave	
Slope (%): 2 Lat: 40.794007		Long: _ <b>-8</b>	34.132416		Datum: WGS 84	
		NWI classification: N/A				
Are climatic / hydrologic conditions on the site typical for this	time of year	ar? Yes	✓ No	(If no, explain in R	emarks.)	
Are Vegetation, Soil, or Hydrology signature.	gnificantly	disturbed	l? Are "	Normal Circumstances" p	present? Yes No	
Are Vegetation, Soil, or Hydrology na	-			eded, explain any answe		
SUMMARY OF FINDINGS – Attach site map s	howing	sampli	ing point k	ocations, transects	, important features, etc.	
Hydrophytic Vegetation Present? Yes No	)					
Hydric Soil Present? Yes No			the Sampled		No	
Wetland Hydrology Present? Yes ✓ No		WI	ithin a Wetlan	id? Yes	NO	
Remarks:						
PSS Wetland in existing ROW.						
<b>VEGETATION</b> – Use scientific names of plants.						
Tree Stratum (Plot size: 30 ft r	Absolute % Cover		nt Indicator s? Status	Dominance Test work  Number of Dominant Sp		
1				That Are OBL, FACW, of		
2				Total Number of Domin	ant	
3				Species Across All Stra	_	
4				Percent of Dominant Sp	pecies	
5				That Are OBL, FACW, o	or FAC: <u>80</u> (A/B)	
Sapling/Shrub Stratum (Plot size: 15 ft r )		= rotar C	over	Prevalence Index work	ksheet:	
1. Cornus amomum	30			Total % Cover of:		
2. Acer negundo	10		_ FAC		x 1 = 10	
3				FACW species 100		
4					x = 30 x = 40	
5	40%				x 4 = 00 x 5 = 0	
Herb Stratum (Plot size: 5 ft r )	40%	= Total C	Jover	Column Totals: 140	(A) 320 (B)	
1. Carex scoparia	20				、 、 、 、 、 、 、 、 、	
2. Impatiens capensis	20		FACW	Prevalence Index		
3. Solidago canadensis	20		_ FACU	Hydrophytic Vegetation		
4. Carex cristatella	15		_ FACW	1 - Rapid Test for H		
5. Verbesina alternifolia	15 10		_ FACW_	✓ 2 - Dominance Tes ✓ 3 - Prevalence Inde	4	
6. Asclepias incarnata			OBL		Adaptations <sup>1</sup> (Provide supporting	
7 8				data in Remarks	s or on a separate sheet)	
9				Problematic Hydrop	phytic Vegetation <sup>1</sup> (Explain)	
10						
Woody Vine Stratum (Plot size: 30 ft r	100%	= Total C	Cover	<sup>1</sup> Indicators of hydric soil be present, unless distu	l and wetland hydrology must urbed or problematic.	
1				Hydrophytic		
2				Vegetation	s No	
		= Total C	Cover	Present? Yes	5 NO	
Remarks: (Include photo numbers here or on a separate si	heet.)					
A preponderance of hydrophytic ve	getati	on is p	present			

SOIL Sampling Point: 1-M

	atrix	Rec	lox Feature				
(inches) Color (mo		Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
<u>0 - 20</u> <u>10YR 5/2</u>	95	<u>10YR 4/6</u>	_ <u>15</u>	<u> </u>	<u>M</u>	Silty Clay Loam	
<u>-</u>			_				
-							
<u>-</u>							
		_					
<del>-</del>							
-							
Type: C=Concentration, E	=Depletion, F	M=Reduced Matrix.	– —— //S=Maske	d Sand Gr	ains.	<sup>2</sup> Location:	PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:	2001011011,1	Troubout matrix,					or Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		Sandy	Gleyed M	atrix (S4)		Coast Pr	rairie Redox (A16)
Histic Epipedon (A2)			Redox (S				rface (S7)
Black Histic (A3)			ed Matrix (			Iron-Mar	nganese Masses (F12)
Hydrogen Sulfide (A4)			y Mucky Mi	. ,		Very Sha	allow Dark Surface (TF12)
Stratified Layers (A5)			y Gleyed M	. ,		Other (E	xplain in Remarks)
2 cm Muck (A10)			ted Matrix (				
Depleted Below Dark S		_	Dark Surf	` '		31	Charles that are not affect and
Thick Dark Surface (A			ted Dark So Depression		)		of hydrophytic vegetation and
<ul><li>Sandy Mucky Mineral</li><li>5 cm Mucky Peat or Pe</li></ul>		Redox	Depression	ons (Fo)			hydrology must be present, isturbed or problematic.
Restrictive Layer (if obse						unless u	istarbed of problematic.
							_
Type.						Hydric Soil P	resent? Yes No
,,							
Type: Depth (inches): Remarks: The soil profile r	neets th	e criteria for l	having	a dep	leted	matrix	
Depth (inches): Remarks: The soil profile r	neets the	e criteria for I	having	a dep	leted	matrix	
Depth (inches):Remarks: The soil profile r		e criteria for I	having	a dep	leted	matrix	
Depth (inches):Remarks: The soil profile r YDROLOGY Wetland Hydrology Indica	ators:			a dep	leted		Undicators (minimum of two requires
Depth (inches): Remarks: The soil profile r YDROLOGY Wetland Hydrology Indica	ators:	quired; check all that a	apply)		leted	Secondary	/ Indicators (minimum of two required
Depth (inches): Remarks: The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1)	ators: m of one is re	quired; check all that a	apply)	/es (B9)	leted	Secondary Surface	ce Soil Cracks (B6)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2)	ators: m of one is re	quired; check all that a Water-Si Aquatic l	apply) tained Leav	ves (B9)	leted	Secondary Surfac	ce Soil Cracks (B6) age Patterns (B10)
Depth (inches): Remarks: The soil profile r  YDROLOGY  Wetland Hydrology Indications (minimu Surface Water (A1) High Water Table (A2) Saturation (A3)	ators: m of one is re	quired; check all that a Water-Si Aquatic I True Aqu	apply) tained Leav Fauna (B13 uatic Plants	ves (B9)	leted	Secondary Surface Draina	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2)
Depth (inches): Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	ators: m of one is re	quired: check all that a Water-Si Aquatic I True Aqu Hydroge	apply) lained Leav Fauna (B13 uatic Plants n Sulfide O	ves (B9) 3) 5 (B14) dor (C1)		Secondary Surface Draina Dry-Si Crayfi	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8)
Depth (inches):	ators: m of one is re	quired: check all that a  Water-Si Aquatic I True Aqu Hydroge .X Oxidized	apply) tained Leav Fauna (B13 uatic Plants n Sulfide O Rhizosphe	ves (B9) 3) 5 (B14) vdor (C1) eres on Liv	ing Roots	Secondary Surface Draina Dry-Si Crayfi (C3) Satura	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9)
Depth (inches):	ators: m of one is re	quired: check all that a  Water-Si Aquatic I True Aqu Hydroge X Oxidized Presence	apply) tained Leav Fauna (B13 uatic Plants n Sulfide C Rhizosphe	ves (B9) B) G (B14) Gdor (C1) Geres on Lived Iron (C4)	ing Roots	Secondary Surface V Draina Dry-Se Crayfi  (C3) Satura	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1)
Depth (inches):	ators: m of one is re	quired: check all that a  Water-Si  Aquatic I  True Aqu  Hydroge X Oxidized  Presence  Recent I	apply) tained Leav Fauna (B13 uatic Plants n Sulfide O Rhizosphe e of Reduct	ves (B9) 3) 5 (B14) 5 dor (C1) 6 eres on Liv 6 dron (C4)	ing Roots	Secondary	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) iorphic Position (D2)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	ators: m of one is real	quired: check all that a  Water-Si  Aquatic I  True Aqu  Hydroge X Oxidized  Presence Recent I  Thin Muc	apply) tained Leaverage Fauna (B13 uatic Plants n Sulfide O Rhizosphe e of Reduct ron Reduct	ves (B9) 3) 5 (B14) dor (C1) eres on Liv ed Iron (C4) ion in Tille (C7)	ing Roots	Secondary	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on A	ators: m of one is red	quired: check all that a  Water-Si Aquatic I True Aqu Hydroge .X Oxidized Presence Recent I Thin Muc (B7) Gauge o	apply) tained Leaver (B13 uatic Plants n Sulfide Of Rhizosphe e of Reduct ron Reduct ck Surface r Well Data	ves (B9) 3) 5 (B14) 6dor (C1) eres on Liv ed Iron (C4) ion in Tille (C7) a (D9)	ing Roots	Secondary	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) iorphic Position (D2)
Depth (inches):	ators: m of one is red	quired: check all that a  Water-Si Aquatic I True Aqu Hydroge .X Oxidized Presence Recent I Thin Muc (B7) Gauge o	apply) tained Leaver (B13 uatic Plants n Sulfide Of Rhizosphe e of Reduct ron Reduct ck Surface r Well Data	ves (B9) 3) 5 (B14) 6dor (C1) eres on Liv ed Iron (C4) ion in Tille (C7) a (D9)	ing Roots	Secondary	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) iorphic Position (D2)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on A Sparsely Vegetated Coffield Observations:	ators: m of one is re- 2) erial Imagery oncave Surfac	quired: check all that a graph of the control of th	apply) tained Leav Fauna (B13 uatic Plants n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface r Well Data	ves (B9) B) G (B14) Bodor (C1) Beres on Lived Iron (C4) Bidon in Tille Bidon (C7) Bidon (C9) Bidon	ing Roots 4) d Soils (C	Secondary	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) iorphic Position (D2)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on A Sparsely Vegetated Coffield Observations: Surface Water Present?	ators: m of one is received.	quired: check all that a — Water-Si — Aquatic I — True Aqu — Hydroge .X Oxidized — Presence — Recent I — Thin Muc (B7) — Gauge of the (B8) — Other (E	apply) tained Leav Fauna (B13 uatic Plants n Sulfide O Rhizosphe e of Reduct ron Reduct ck Surface r Well Data xplain in Re	ves (B9) 3) 5 (B14) 6 dor (C1) 6 eres on Liv 6 d Iron (C4) 6 ion in Tille 7 (C7) 6 (D9) 6 emarks)	ing Roots ‡) d Soils (C	Secondary	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) iorphic Position (D2)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on A  Sparsely Vegetated Coffield Observations:  Surface Water Present?	etors: m of one is recently a serial Imagery ancave Surface Yes Yes	quired; check all that a  Water-Si Aquatic I True Aqu Hydroge X Oxidized Presence Recent I Thin Muc (B7) Gauge of the (B8) Other (E	apply) tained Leaver and (B13 autic Plants in Sulfide Of Reduction	ves (B9) 3) 5 (B14) dor (C1) eres on Liv ed Iron (C4) ion in Tille (C7) a (D9) emarks)	ing Roots 1) d Soils (C	Secondary Surface V Draina Dry-Sacce (C3) Satura Stunte 6) V Geom V FAC-N	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on A Sparsely Vegetated Co Field Observations: Surface Water Present? Water Table Present? Saturation Present?	etors: m of one is recently a serial Imagery ancave Surface Yes Yes	quired: check all that a — Water-Si — Aquatic I — True Aqu — Hydroge .X Oxidized — Presence — Recent I — Thin Muc (B7) — Gauge of the (B8) — Other (E	apply) tained Leaver and (B13 autic Plants in Sulfide Of Reduction	ves (B9) 3) 5 (B14) dor (C1) eres on Liv ed Iron (C4) ion in Tille (C7) a (D9) emarks)	ing Roots 1) d Soils (C	Secondary Surface V Draina Dry-Sacce (C3) Satura Stunte 6) V Geom V FAC-N	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on A	etors: m of one is reconstruction erial Imagery encave Surfact Yes Yes Yes	quired; check all that a  Water-Si Aquatic I True Aqu Hydroge X Oxidized Presence Recent I Thin Muc (B7) Gauge of the (B8) Other (E	apply) tained Leaver and (B13 uatic Plants on Sulfide Of Reduction	ves (B9) 3) 5 (B14) dor (C1) eres on Liv ed Iron (C4) ion in Tille (C7) a (D9) emarks)	ing Roots  1) d Soils (C	Secondary Surface V Draina Dry-Si Crayfi (C3) Satura Stunte 6) V Geom V FAC-N	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on A Sparsely Vegetated Co Field Observations: Surface Water Present? Water Table Present? Saturation Present? Saturation Present? Signification Present?	etors: m of one is reconstruction erial Imagery encave Surfact Yes Yes Yes	quired; check all that a  Water-Si Aquatic I True Aqu Hydroge X Oxidized Presence Recent I Thin Muc (B7) Gauge of the (B8) Other (E	apply) tained Leaver and (B13 uatic Plants on Sulfide Of Reduction	ves (B9) 3) 5 (B14) dor (C1) eres on Liv ed Iron (C4) ion in Tille (C7) a (D9) emarks)	ing Roots  1) d Soils (C	Secondary Surface V Draina Dry-Si Crayfi (C3) Satura Stunte 6) V Geom V FAC-N	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on A Sparsely Vegetated Co Field Observations: Surface Water Present? Water Table Present? Saturation Present? Saturation Present? Signification Present?	etors: m of one is reconstruction erial Imagery encave Surfact Yes Yes Yes	quired; check all that a  Water-Si Aquatic I True Aqu Hydroge X Oxidized Presence Recent I Thin Muc (B7) Gauge of the (B8) Other (E	apply) tained Leaver and (B13 uatic Plants on Sulfide Of Reduction	ves (B9) 3) 5 (B14) dor (C1) eres on Liv ed Iron (C4) ion in Tille (C7) a (D9) emarks)	ing Roots  1) d Soils (C	Secondary Surface V Draina Dry-Si Crayfi (C3) Satura Stunte 6) V Geom V FAC-N	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) iorphic Position (D2)
Depth (inches):  Remarks:  The soil profile r  YDROLOGY  Wetland Hydrology Indicates (minimu)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on A  Sparsely Vegetated Coffield Observations:  Surface Water Present?  Water Table Present?  Saturation Present?  Saturation Present?  Saturation Present?  Saturation Present?  Saturation Present?  Signification Present?  Source Water Table Present?  Source Water Present?	ators: m of one is reconstruction  erial Imagery encave Surfact Yes Yes Yes tream gauge,	quired; check all that a — Water-Si — Aquatic I — True Aqu — Hydroge .X Oxidized — Presence — Recent I — Thin Muc (B7) — Gauge o e (B8) — Other (E — No Depth (i	apply) tained Leav Fauna (B13 uatic Plants in Sulfide O Rhizosphe of Reduct or Reduct or Well Data xplain in Re inches): inches): inches):	ves (B9) B) G(B14) Podor (C1) Peres on Lived Iron (C4) Find ion in Tille Find (C7) Find (D9) Femarks)  revious ins	ing Roots  4) d Soils (C  —  —  —  —  —  —  —  —  —  —  —  —  —	Secondary Surface Variable Dry-Si Crayfi (C3) Satura Stunte 6) V Geom FAC-N	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) corphic Position (D2) Neutral Test (D5)  Present? Yes No

Project/Site: AEP North Delphos - Rockhill	(	City/Cour	<sub>nty:</sub> <u>Lima</u> / <b>A</b>		Sampling Date: 2021-06-30		
Applicant/Owner: AEP					Sampling Point: 1-M/N UPL		
Investigator(s): J. Holmes E. Wilson		Section,	tion, Township, Range: S011 T003 R006				
Landform (hillslope, terrace, etc.): Upland, Flat							
Slope (%): 1 Lat: 40.794027	ι	Long: _	84.132343		Datum: WGS 84		
Soil Map Unit Name: <b>SrA</b>				NWI classificat	tion:N/A		
Are climatic / hydrologic conditions on the site typical for this	s time of yea	ar? Yes	✓ No _	(If no, explain in Re	marks.)		
Are Vegetation, Soil, or Hydrology s	ignificantly o	disturbed	? Are "	Normal Circumstances" pre	esent? Yes No		
Are Vegetation, Soil, or Hydrology n				eded, explain any answers			
SUMMARY OF FINDINGS – Attach site map				ocations, transects,	important features, etc.		
Hydrophytic Vegetation Present? Yes N	o <b>/</b>						
Hydric Soil Present? Yes N	o		the Sampled				
Wetland Hydrology Present? Yes N	°	wi	ithin a Wetlan	id? Yes	No		
Remarks:							
Representative of Areas outside we	etland v	vithin	existing	ROW			
VEGETATION – Use scientific names of plants.							
Tree Stratum (Plot size: 30 ft r )	Absolute		int Indicator	Dominance Test works	heet:		
1			s? Status	Number of Dominant Spe That Are OBL, FACW, or			
2.				Total Number of Domina			
3				Species Across All Strata	_		
4				Percent of Dominant Spe	ecies		
5				That Are OBL, FACW, or			
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total C	Cover	Prevalence Index works	sheet:		
1. Juglans nigra	10		FACU	Total % Cover of:	Multiply by:		
2. Rubus occidentalis	10	✓	NI	OBL species 0	x 1 = <u>0</u>		
3					x 2 = <u>50</u>		
4					x 3 = 0		
5					x 4 = 340		
Herb Stratum (Plot size: 5 ft r )	20%	= Total C	Cover		x = 5 = 0 (B)		
1. Solidago canadensis	45	✓	FACU	Column Totals: 110			
2. Asclepias syriaca	15		FACU	Prevalence Index =	= B/A = 3.5		
3. Erigeron annuus	15	<b>✓</b>	FACU	Hydrophytic Vegetation	n Indicators:		
4. Verbesina alternifolia	15		_ FACW_	1 - Rapid Test for Hy	drophytic Vegetation		
5. Impatiens capensis	10		_ FACW_	2 - Dominance Test			
6				3 - Prevalence Index			
7				data in Remarks	daptations <sup>1</sup> (Provide supporting or on a separate sheet)		
8					hytic Vegetation¹ (Explain)		
9							
10.	100%	= Total C	Cover	<sup>1</sup> Indicators of hydric soil a be present, unless distur	and wetland hydrology must		
Woody Vine Stratum (Plot size: 30 ft r )				be present, unless distan	bed of problematic.		
1				Hydrophytic			
2				Vegetation Present? Yes	No		
Remarks: (Include photo numbers here or on a separate s	sheet.)	= rotal C	over				
		!					
A preponderance of hydrophytic ve	egetatio	ווע ווע	ioi prese	ent			

SOIL Sampling Point: 1-M/N UPL

Profile Description: (Describe to the dep	oth needed to document the indicator or c	onfirm the absence of indicators.)
DepthMatrix	Redox Features	
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> L	oc² Texture Remarks
0-9 <u>10YR 4/3</u> <u>100</u>		Sandy Clay Loam
9 - 20 10YR 5/4 100		Clay Loam
-		
_ <del>-</del>		
	=Reduced Matrix, MS=Masked Sand Grains	
Hydric Soil Indicators:		Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Sandy Gleyed Matrix (S4)	Coast Prairie Redox (A16)
Histic Epipedon (A2)	Sandy Redox (S5)	Dark Surface (S7)
Black Histic (A3)	Stripped Matrix (S6)	Iron-Manganese Masses (F12)
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1)	Very Shallow Dark Surface (TF12)
Stratified Layers (A5)	Loamy Gleyed Matrix (F2)	Other (Explain in Remarks)
2 cm Muck (A10)	Depleted Matrix (F3)	
Depleted Below Dark Surface (A11)	Redox Dark Surface (F6)	<sup>3</sup> Indicators of hydrophytic vegetation and
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)	<ul><li>Depleted Dark Surface (F7)</li><li>Redox Depressions (F8)</li></ul>	wetland hydrology must be present,
5 cm Mucky Peat or Peat (S3)	Nedox Depressions (Fo)	unless disturbed or problematic.
Restrictive Layer (if observed):		unioso dictarses of presidentation
Type:		
Depth (inches):		Hydric Soil Present? Yes No
Remarks:		
HYDROLOGY		
Wetland Hydrology Indicators:		
Primary Indicators (minimum of one is requ	ired; check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)
Saturation (A3)	True Aquatic Plants (B14)	Dry-Season Water Table (C2)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2)	Oxidized Rhizospheres on Living	Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3)	Presence of Reduced Iron (C4)	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)	FAC-Neutral Test (D5)
Inundation Visible on Aerial Imagery (E	37) Gauge or Well Data (D9)	
Sparsely Vegetated Concave Surface	(B8) Other (Explain in Remarks)	
Field Observations:	,	
Surface Water Present? Yes	No Depth (inches):	
	No Depth (inches):	_
Saturation Present? Yes (includes capillary fringe)	No Depth (inches):	Wetland Hydrology Present? Yes No
Saturation Present? Yes (includes capillary fringe)  Describe Recorded Data (stream gauge, m	No Depth (inches): onitoring well, aerial photos, previous inspec	tions), if available:
Saturation Present? Yes(includes capillary fringe)  Describe Recorded Data (stream gauge, m  No primary and or secondary wetla	No Depth (inches):	tions), if available:
Saturation Present? Yes (includes capillary fringe)  Describe Recorded Data (stream gauge, m	No Depth (inches): onitoring well, aerial photos, previous inspec	tions), if available:
Saturation Present? Yes(includes capillary fringe)  Describe Recorded Data (stream gauge, m  No primary and or secondary wetla	No Depth (inches): onitoring well, aerial photos, previous inspec	tions), if available:
Saturation Present? Yes(includes capillary fringe)  Describe Recorded Data (stream gauge, m  No primary and or secondary wetla	No Depth (inches): onitoring well, aerial photos, previous inspec	tions), if available:

Project/Site: AEP North Delphos - Rockhill	(	City/Count	<sub>y:</sub> <u>Lima</u> / /	Allen	Sampling Date: 2021-06-30		
Applicant/Owner: AEP		State: Ohio Sampling Point: 1-N					
Investigator(s): J. Holmes E. Wilson	;	Section, To	ction, Township, Range: S011 T003 R006				
Landform (hillslope, terrace, etc.): Depression			Local relief	(concave, convex, none):	Concave		
Slope (%): 2 Lat: 40.793591		Long:8	4.132226	Datum: WGS 84			
Soil Map Unit Name: HrB		NWI classification: N/A					
Are climatic / hydrologic conditions on the site typical for this	time of yea		_				
Are Vegetation, Soil, or Hydrology si	gnificantly	disturbed?	Are "	'Normal Circumstances" p	present? Yes No		
Are Vegetation, Soil, or Hydrology na				eeded, explain any answe			
SUMMARY OF FINDINGS – Attach site map s				ocations, transects	, important features, etc.		
Hydrophytic Vegetation Present? Yes No	·						
Hydric Soil Present? Yes No			he Sampled				
Wetland Hydrology Present? Yes No	·	with	hin a Wetlan	nd? Yes	No		
Remarks:							
PSS Wetland in on the edge of exist	ing RO	W.					
<b>VEGETATION</b> – Use scientific names of plants.							
Tree Stratum (Plot size: 30 ft r )	Absolute % Cover		t Indicator Status	Dominance Test works			
1				Number of Dominant Sp That Are OBL, FACW, of			
2				Total Number of Domina	ant		
3				Species Across All Stra			
4				Percent of Dominant Sp	pecies		
5				That Are OBL, FACW, o			
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total Co	ver	Prevalence Index worl	ksheet:		
1. Salix nigra	30		OBL	Total % Cover of:	Multiply by:		
2. Acer negundo	10		FAC		x 1 = <u>30</u>		
3					x 2 = <u>170</u>		
4					x 3 = <u>30</u>		
5					x 4 = 60		
Herb Stratum (Plot size: 5 ft r )	40%	= Total Co	ver		x = 0 (A) 290 (B)		
1. Phalaris arundinacea	45	✓	FACW	Column Totals: 140	(A) <u>290</u> (B)		
2. Phragmites australis	25	<b>✓</b>	FACW	Prevalence Index	= B/A = 2.1		
3. Solidago canadensis	15		FACU	Hydrophytic Vegetation	on Indicators:		
4. Verbesina alternifolia	<u>15</u>		FACW	1 - Rapid Test for H			
5				✓ 2 - Dominance Tes			
6				✓ 3 - Prevalence Inde			
7				data in Remarks	Adaptations <sup>1</sup> (Provide supporting s or on a separate sheet)		
8					phytic Vegetation¹ (Explain)		
9							
Woody Vine Stratum (Plot size: 30 ft r )	100%	= Total Co	ver	<sup>1</sup> Indicators of hydric soil be present, unless distu	l and wetland hydrology must urbed or problematic.		
1				Hydronbutio			
2				Hydrophytic Vegetation	./		
		= Total Co	ver	Present? Yes	s No		
Remarks: (Include photo numbers here or on a separate s				1			
A preponderance of hydrophytic ve	getatio	on is n	resent				
	J = 15.11	م د					

SOIL Sampling Point: 1-N

Depth (inches)	Color (moist)	%	Color (moist)	dox Featur %	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
								Remarks
0 - 20	10YR 4/2	_ <u>95</u>	10YR 4/6	<u>15</u>	_ <u>C</u>	<u>M</u>	Silty Clay Loam	
-								
_								
-								
ype: C=Co	oncentration, D=De	epletion, RM	=Reduced Matrix,	MS=Maske	ed Sand Gr	ains.	<sup>2</sup> Location:	PL=Pore Lining, M=Matrix.
ydric Soil I							Indicators fo	or Problematic Hydric Soils³:
_ Histosol	(A1)		Sand	y Gleyed M	Matrix (S4)		Coast Pr	rairie Redox (A16)
_ Histic Ep	pipedon (A2)			y Redox (S			Dark Su	rface (S7)
_ Black His	stic (A3)		Stripp	oed Matrix (	(S6)			nganese Masses (F12)
	n Sulfide (A4)		_	ny Mucky M	,			allow Dark Surface (TF12)
_	Layers (A5)			y Gleyed N			Other (E	xplain in Remarks)
_ 2 cm Mu	, ,	(4.44)		eted Matrix				
	Below Dark Surfa	ace (A11)		x Dark Sur			31	f budges budge verstation and
_	rk Surface (A12) lucky Mineral (S1)			eted Dark S x Depressi	-	)		of hydrophytic vegetation and hydrology must be present,
	cky Peat or Peat (	S3)		x Depressi	ons (Fo)			isturbed or problematic.
	ayer (if observed						unicos d	istarbed of problematic.
Type:	, ( 00000	.,.						_
							Hydric Soil P	resent? Yes No
	shee).							
Depth (inc	profile me		criteria for	having	ı a dep	leted	matrix	
Depth (incommerks:	profile me		criteria for	having	ı a dep	leted	matrix	
Depth (incomercial contents) The soil	profile me	ets the	criteria for	having	a dep	leted	matrix	
Depth (incomercial contents) The soil OROLOG	profile me	ets the	criteria for		j a dep	leted		y Indicators (minimum of two require
Depth (incomercial property)  The soil  DROLOG  Vetland Hydrimary Indice	profile me	ets the	ired; check all that			leted	Secondary	/ Indicators (minimum of two require
Depth (incomercial property)  The soil  DROLOG  Vetland Hydrimary Indical  Surface N	profile me	ets the	ired; check all that Water-S	apply)	ves (B9)	leted	Secondary Surface	
Depth (incomercial property)  The soil  DROLOG  Vetland Hydrimary Indical  Surface N	profile me	ets the	ired; check all that Water-S Aquatic	apply)	ves (B9)	leted	Secondary Surfac	ce Soil Cracks (B6)
Depth (incomments: The soil TOROLOGIETIAN Hydrometrimary Indicomments of the soil Surface of High War	gy drology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3)	ets the	ired; check all that Water-S Aquatic	apply) Stained Lea Fauna (B1 uatic Plant	ves (B9) 3) s (B14)	leted	Secondary Surface ✓ Drains — Dry-S	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2)
Depth (incomercial property)  The soil  The so	gy drology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3)	ets the	ired; check all that Water-S Aquatic True Aq	apply) Stained Lea Fauna (B1 juatic Plant en Sulfide (	ves (B9) 3) s (B14) Odor (C1)		Secondary Surface Draina Dry-S Crayfi	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8)
Depth (incomercial property)  The soil  The so	GY drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1)	ets the	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidized	apply) Stained Lea Fauna (B1 juatic Plant en Sulfide (	ves (B9) 3) s (B14) Odor (C1) eres on Liv	ving Roots	Secondary Surface Toraina Dry-S Crayfice (C3) Satura	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8)
Depth (incomercial contents)  The soil  The so	gy drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3)	ets the	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidizee	apply) Stained Lea Fauna (B1 Juatic Plant en Sulfide ( d Rhizosph	oves (B9) 3) s (B14) Odor (C1) deres on Liv ced Iron (C	ring Roots 4)	Secondary Surface Draina Dry-S Crayfice (C3) Satura	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9)
Depth (inclements: The soil  YDROLOG Vetland Hydrimary Indic Surface V High Wat Saturatio Water M: Sedimen Drift Dep Algal Ma	gy drology Indicators sators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2)	ets the	ired; check all that  Water-S  Aquatic  True Aq  Hydroge X Oxidized  Presenc  Recent	apply) Stained Lea Fauna (B1 Juatic Plant en Sulfide ( d Rhizosph ce of Reduc	oves (B9) 3) s (B14) Odor (C1) eres on Lived Iron (Cottion in Tille	ring Roots 4)	Secondary  Surface  Draina Dry-S Crayfice Satura Stunte Stunte Geom	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1)
Depth (inclements: The soil  YDROLOG Vetland Hydrimary Indic Surface V High Water Mi Sediment Drift Dep Algal Ma Iron Dep	gy drology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) oosits (B3) at or Crust (B4)	ets the	ired; check all that  Water-S  Aquatic  True Aq  Hydroge X Oxidized  Presence  Recent  Thin Mu	apply) Stained Lea Fauna (B1 uatic Plant en Sulfide ( d Rhizosph ce of Reduc	oves (B9) 3) s (B14) Odor (C1) heres on Lived Iron (Cotton in Tille	ring Roots 4)	Secondary  Surface  Draina Dry-S Crayfice Satura Stunte Stunte Geom	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) torphic Position (D2)
Depth (inclination) Depth	profile medicators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3) at or Crust (B4) osits (B5)	ets the	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidized  Presend  Recent  Thin Mu  Gauge 6	apply) Stained Lea Fauna (B1 uatic Plant en Sulfide ( d Rhizosph ce of Reduc lron Reduc	ves (B9) 3) s (B14) Odor (C1) eres on Lived Iron (Cottion in Tille	ring Roots 4)	Secondary  Surface  Draina Dry-S Crayfice Satura Stunte Stunte Geom	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) torphic Position (D2)
Depth (incomendation)	profile medicators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) osits (B3) at or Crust (B4) osits (B5) on Visible on Aeria vegetated Concar	ets the	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidized  Presend  Recent  Thin Mu  Gauge 6	apply) Stained Lea Fauna (B1 uatic Plant en Sulfide ( d Rhizosph ce of Reduc lron Reduc ick Surface	ves (B9) 3) s (B14) Odor (C1) eres on Lived Iron (Cottion in Tille	ring Roots 4)	Secondary  Surface  Draina Dry-S Crayfice Satura Stunte Stunte Geom	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) torphic Position (D2)
Depth (inclemarks:  The soil  YDROLOG  Vetland Hydrimary Indic  Surface V High War  Saturatio  Water Mar  Sedimen  Drift Dep  Algal Ma Iron Dep Inundatic  Sparsely ield Observ	profile medicators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3) at or Crust (B4) osits (B5) on Visible on Aeria (Vegetated Concalivations:	ets the s: fone is requ I Imagery (B ve Surface (	ired; check all that  Water-S Aquatic True Aq Hydroge X Oxidized Presend Recent Thin Mu 87) Gauge 6 (B8) Other (B	apply) Stained Lea Fauna (B1 juatic Plant en Sulfide ( d Rhizosph ce of Reduc lron Reduc lron Reduc lock Surface or Well Dat	oves (B9) 3) s (B14) Odor (C1) heres on Lived Iron (Cetion in Tille e (C7) a (D9) Remarks)	ring Roots 4) d Soils (C	Secondary  Surface  Draina Dry-S Crayfice Satura Stunte Stunte Geom	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) torphic Position (D2)
Depth (inclemarks:  The soil  YDROLOG  Vetland Hydrimary Indic  Surface V  High Water March  Sediment  Drift Depton Algal March  Iron Depton Inundation  Sparsely  ield Observatoricans	gy drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B2) osits (B3) ot or Crust (B4) osits (B5) on Visible on Aeria vegetated Conca vations: er Present?	ets the s: fone is requ I Imagery (Eve Surface (	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidized  Presenc  Recent  Thin Mu  37)  Gauge 6  (B8)  Other (B	apply) Stained Lea Fauna (B1 quatic Plant en Sulfide ( d Rhizosph ce of Reduc lron Reduc lck Surface or Well Dat Explain in R	oves (B9) 3) s (B14) Odor (C1) eres on Lived Iron (Cottion in Tille (C7) a (D9) Remarks)	ring Roots 4) d Soils (C	Secondary  Surface  Draina Dry-S Crayfice Satura Stunte Stunte Geom	age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) norphic Position (D2)
Depth (inclemarks:  The soil  YDROLOG  Vetland Hydrimary Indice  Surface Verimary Indice  Water Missed Mental Indice  Algal Ma  Iron Dep  Inundation  Sparsely  ield Observer Indice Water Table  Water Table	profile medicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B3) ot or Crust (B4) osits (B5) on Visible on Aeria Vegetated Concavations:	ets the  s: fone is requ  I Imagery (Eve Surface of Yes Yes	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidized  Presend  Recent  Thin Mu  Gauge (688)  Other (600)  No  Depth (600)	apply) Stained Lea Fauna (B1 Juatic Plant en Sulfide ( d Rhizosph ce of Reduc Iron Reduc lick Surface or Well Dat Explain in R (inches): (inches):	oves (B9) 3) s (B14) Odor (C1) heres on Lived Iron (Cotion in Tille e (C7) a (D9) Remarks)	ring Roots 4) d Soils (C	SecondarySurfaceDrainaDry-SCrayficeSturraceSturraceSturraceSturraceFAC-1	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Pepth (incomendation)	profile medicators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B3) ot or Crust (B4) osits (B5) on Visible on Aeria Vegetated Concavations: er Present?	ets the  s: fone is requ  I Imagery (Eve Surface of Yes Yes	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidized  Presenc  Recent  Thin Mu  37)  Gauge 6  (B8)  Other (B	apply) Stained Lea Fauna (B1 Juatic Plant en Sulfide ( d Rhizosph ce of Reduc Iron Reduc lick Surface or Well Dat Explain in R (inches): (inches):	oves (B9) 3) s (B14) Odor (C1) heres on Lived Iron (Cotion in Tille e (C7) a (D9) Remarks)	ring Roots 4) d Soils (C	SecondarySurfaceDrainaDry-SCrayficeSturraceSturraceSturraceSturraceFAC-1	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Depth (inclemarks: The soil  //DROLOG //etland Hydrimary Indice High Water March Mar	profile medicators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B3) ot or Crust (B4) osits (B5) on Visible on Aeria (Vegetated Concarvations:  Present?  Present?  Present?  Present?	ets the  s: fone is requ  I Imagery (E ve Surface of Yes Yes Yes	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidized  Presend  Recent  Thin Mu  Gauge (688)  Other (600)  No  Depth (600)	apply) Stained Lea Fauna (B1 Juatic Plant en Sulfide ( d Rhizosph ce of Reduc Iron Reduc lick Surface or Well Dat Explain in R (inches): (inches): (inches): (inches):	oves (B9) 3) s (B14) Odor (C1) eres on Liv ced Iron (Cotion in Tille s (C7) a (D9) Remarks)	ring Roots 4) d Soils (C	Secondary Surface V Drains Dry-S Crayfice S(C3) Satura Stunte G(6) V Geom V FAC-N	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Depth (inclination) Depth	profile medicators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B3) ot or Crust (B4) osits (B5) on Visible on Aeria (Vegetated Concarvations:  Present?  Present?  Present?  Present?	ets the  s: fone is requ  I Imagery (E ve Surface of Yes Yes Yes	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidized  Presend  Recent  Thin Mu  Gauge (6)  No  Depth (6)  No  Depth (7)	apply) Stained Lea Fauna (B1 Juatic Plant en Sulfide ( d Rhizosph ce of Reduc Iron Reduc lick Surface or Well Dat Explain in R (inches): (inches): (inches): (inches):	oves (B9) 3) s (B14) Odor (C1) eres on Liv ced Iron (Cotion in Tille s (C7) a (D9) Remarks)	ring Roots 4) d Soils (C	Secondary Surface V Drains Dry-S Crayfice S(C3) Satura Stunte G(6) V Geom V FAC-N	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Depth (incomments:  The soil  YDROLOG  Vetland Hydromary Indice  Surface Verimary Indice  Water March  Sediment  Drift Depton Algal Mater Incomposition Properties of Surface Water Table of Surface Sur	profile medicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) on tor Crust (B4) osits (B5) on Visible on Aeria Vegetated Concavations:  Present?  Present?  Present?  Present?  present?  present?  present?  present?  present?  present?	ets the  I Imagery (Eve Surface of Yes Yes Yes m gauge, m	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidized  Presend  Recent  Thin Mu  37) Gauge ( (B8) Other (B)  No V Depth (No	apply) Stained Lea Fauna (B1 quatic Plant en Sulfide ( d Rhizosph ce of Reduc lron Reduc ck Surface or Well Dat explain in R (inches): (inches): (inches): al photos, p	oves (B9) 3) s (B14) Odor (C1) eres on Lived Iron (Cotton in Tille (C7) a (D9) Remarks)	ving Roots 4) d Soils (C	Secondary Surface Variable Dry-S Crayfice Sturte Sturte FAC-I	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)  Present? Yes No
Depth (inclemarks: The soil  YDROLOG  Vetland Hydrimary Indic  Surface Value Manager M	profile medicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) on tor Crust (B4) osits (B5) on Visible on Aeria Vegetated Concavations:  Present?  Present?  Present?  Present?  present?  present?  present?  present?  present?  present?	ets the  I Imagery (Eve Surface of Yes Yes Yes m gauge, m	ired; check all that  Water-S  Aquatic  True Aq  Hydroge  X Oxidized  Presend  Recent  Thin Mu  Gauge (6)  No  Depth (6)  No  Depth (7)	apply) Stained Lea Fauna (B1 quatic Plant en Sulfide ( d Rhizosph ce of Reduc lron Reduc ck Surface or Well Dat explain in R (inches): (inches): (inches): al photos, p	oves (B9) 3) s (B14) Odor (C1) eres on Lived Iron (Cotton in Tille (C7) a (D9) Remarks)	ving Roots 4) d Soils (C	Secondary Surface Variable Dry-S Crayfice Sturte Sturte FAC-I	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)  Present? Yes No

Project/Site: AEP North Delphos - Rockhill Delinea	tionc	ity/County	<sub>/:</sub> <u>Lima/All</u> e	en	Sampling Date: 2021-06	6-30
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-0	
Investigator(s): E. Wilson, J. Holmes	s	ection, To	ownship, Ran	S013, T00	03, R006	
Landform (hillslope, terrace, etc.): Depression			Local relief (	(concave, convex, none):	Concave	
Slope (%): 0 Lat: 40.778241	L	ong: <u>-</u> 84	115934		Datum: WGS 84	
Soil Map Unit Name: PmA				NWI classifica	ation: PFO1A	
Are climatic / hydrologic conditions on the site typical for this	time of year	r? Yes _	✓ No	(If no, explain in Re	emarks.)	
Are Vegetation, Soil, or Hydrology signature.	gnificantly d	isturbed?	Are "I	Normal Circumstances" p	resent? Yes No _	
Are Vegetation, Soil, or Hydrology na	aturally prob	lematic?	(If nea	eded, explain any answer	s in Remarks.)	
SUMMARY OF FINDINGS - Attach site map s	howing	samplir	ıg point lo	ocations, transects,	, important features,	etc.
Hydrophytic Vegetation Present? Yes No	)					$\overline{}$
Hydric Soil Present? Yes No			ne Sampled			
Wetland Hydrology Present? Yes ✓ No		with	nin a Wetlan	d? Yes	No	
Remarks:						
PEM wetland that is within depressi	on in R	OW. V	Vetland	meets all three	criteria.	
<b>VEGETATION</b> – Use scientific names of plants.						
Tree Stratum (Plot size: 30 ft r )			t Indicator	Dominance Test works	sheet:	
1	% Cover			Number of Dominant Sp That Are OBL, FACW, o		(A)
2				Total Number of Domina	ant	
3				Species Across All Strat	^	(B)
4				Percent of Dominant Sp	necies	
5			. ——	That Are OBL, FACW, o		(A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )	=	Total Co	ver	Prevalence Index work	sheet:	-
1				Total % Cover of:		
2.					x 1 = 65	
3.					x 2 = 30	
4.					x 3 = <u>0</u>	
5				FACU species 0	x 4 = <u>0</u>	
	=		ver	UPL species 20	x 5 = <u>100</u>	
Herb Stratum (Plot size: 5 ft r )  1. Carex stricta	40	/	OBL	Column Totals: 100	(A) <u>195</u>	(B)
2. Eupatorium perfoliatum	25		OBL	Prevalence Index	= R/A = 2.0	
3. Dipsacus laciniatus	20		UPL	Hydrophytic Vegetatio		-
4. Euthamia graminifolia	10		FACW	1 - Rapid Test for H		
5. Phalaris arundinacea	5		FACW	✓ 2 - Dominance Test		
6.			. —	✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>	
7					daptations <sup>1</sup> (Provide suppo	orting
8.					or on a separate sheet)	
9				Problematic Hydrop	ohytic Vegetation <sup>1</sup> (Explain)	'
10				1	and without built and a	
Woody Vine Stratum (Plot size: 30 ft r )	100% =	Total Co	ver	be present, unless distu	and wetland hydrology mu irbed or problematic.	ist
1				Hydrophytic		
2				Vegetation	<b>/</b>	
		Total Co	ver	Present? Yes	s No	
Remarks: (Include photo numbers here or on a separate si	heet.)					
Hydrophytic vegetation is present						

SOIL Sampling Point: 1-0

Profile Desc	cription: (Describe	to the depth	needed to docur	nent the	indicator	or confirm	n the absence of i	ndicators.)
Depth	Matrix			x Feature				
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
0 - 20	10YR 3/2	_ <u>90</u> 1	10YR 5/6	10	. <u>C</u>	<u>M</u>	Clay Loam	
-								
					- ——			
l — -					. ——			
l								
<sup>1</sup> Type: C=C	oncentration, D=De	pletion, RM=R	Reduced Matrix, MS	S=Maske	d Sand Gr	ains.	<sup>2</sup> Location: Pl	L=Pore Lining, M=Matrix.
Hydric Soil	Indicators:							Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1)		Sandy 0	Sleyed Ma	atrix (S4)		Coast Prai	rie Redox (A16)
Histic E	pipedon (A2)		Sandy F	Redox (St	5)		Dark Surfa	ice (S7)
ı —	istic (A3)			d Matrix (	,			anese Masses (F12)
	en Sulfide (A4)				neral (F1)			ow Dark Surface (TF12)
I —	d Layers (A5)				atrix (F2)		Other (Exp	olain in Remarks)
ı —	ıck (A10) d Below Dark Surfad	co (Δ11)		d Matrix ( Dark Surfa	-			
I — ·	ark Surface (A12)	Se (ATT)			urface (F7	)	<sup>3</sup> Indicators of h	nydrophytic vegetation and
_	Mucky Mineral (S1)			Depressio		,		drology must be present,
	ıcky Peat or Peat (S	33)	_					urbed or problematic.
Restrictive	Layer (if observed)	):						
Type: N	/A		_					· · · · · · · · · · · · · · · · · · ·
Depth (in	ches):		_				Hydric Soil Pre	sent? Yes No
Remarks:								
Hyarics	soils are pre	sent.						
HYDROLO	GY							
Wetland Hy	drology Indicators	:						
Primary India	cators (minimum of	one is require	d; check all that ap	ply)			Secondary In	ndicators (minimum of two required)
Surface	Water (A1)		Water-Sta	ined Leav	res (B9)		Surface	Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic Fa	iuna (B13	3)		Drainag	e Patterns (B10)
Saturation	on (A3)		True Aqua	tic Plants	(B14)		Dry-Sea	son Water Table (C2)
Water M	larks (B1)		Hydrogen					Burrows (C8)
Sedimer	nt Deposits (B2)		Oxidized F	Rhizosphe	eres on Liv	ing Roots	(C3) <a>Saturation</a>	on Visible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence	of Reduce	ed Iron (C	4)	Stunted	or Stressed Plants (D1)
Algal Ma	at or Crust (B4)		Recent Iro	n Reduct	ion in Tille	d Soils (C		phic Position (D2)
Iron Dep	posits (B5)		Thin Muck	Surface	(C7)		FAC-Ne	eutral Test (D5)
_	on Visible on Aerial			Well Data	(D9)			
	y Vegetated Concav	e Surface (B8	B) Other (Exp	lain in Re	emarks)			
Field Obser			,					
Surface Wat			Depth (inc					
Water Table			Depth (in					_
Saturation P		Yes No	Depth (inc	ches):		Wetl	and Hydrology Pr	esent? Yes No
(includes car Describe Re	corded Data (stream	n gauge, mon	itoring well, aerial į	ohotos, pi	revious ins	pections),	if available:	
Remarks:								
Hydrolo	gy indicator	s are pre	esent					

Project/Site: AEP North Delphos - Rockhill Delinea	tion c	City/County:	Lima/All		ampling Date: 2021-06-30		
Applicant/Owner: AEP		State: Ohio S					
Investigator(s): E. Wilson, J. Holmes	8	Section, To	on, Township, Range: S011, T003, R006				
Landform (hillslope, terrace, etc.): Depression							
Slope (%): 1 Lat: _40.792737	L	.ong:84	131075	D	atum: WGS 84		
Soil Map Unit Name: SrA				NWI classificati	on: None		
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	No _	(If no, explain in Ren	narks.)		
Are Vegetation, Soil, or Hydrology si	gnificantly d	listurbed?	Are "	Normal Circumstances" pre	sent? Yes No		
Are Vegetation, Soil, or Hydrology na	aturally prob	olematic?	(If ne	eded, explain any answers	in Remarks.)		
SUMMARY OF FINDINGS - Attach site map s	showing	samplin	g point lo	ocations, transects, i	mportant features, etc.		
Hydrophytic Vegetation Present? Yes No	·						
Hydric Soil Present? Yes No			e Sampled				
Wetland Hydrology Present? Yes   ✓ No	<u> </u>	with	in a Wetlan	id? Yes	_ No		
Remarks:							
PEM wetland within ROW in depress	sion ald	ongside	e AG fie	eld.			
VEGETATION – Use scientific names of plants.							
7 0 4 70 4 30 ft r	Absolute	Dominant		Dominance Test worksh	eet:		
Tree Stratum (Plot size:30 ft r) 1	% Cover		Status	Number of Dominant Spe That Are OBL, FACW, or			
2				Total Number of Dominan	^		
3				Species Across All Strata:	3 (B)		
4.       5.				Percent of Dominant Spec That Are OBL, FACW, or			
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total Cov	er	Prevalence Index works	heet:		
1				Total % Cover of:			
2.				OBL species 45	x 1 = <u>45</u>		
3				FACW species 30	x 2 = <u>60</u>		
4					x 3 = <u>60</u>		
5				FACU species 0			
Herb Stratum (Plot size: 5 ft r		= Total Cov	er		x 5 = 25		
Persicaria amphibia	30	✓	OBL	Column Totals: 100	(A) <u>190</u> (B)		
Phalaris arundinacea	25	<u> </u>	FACW	Prevalence Index =	B/A = <u>1.9</u>		
3. Apocynum cannabinum	20		FAC	Hydrophytic Vegetation	Indicators:		
4. Carex stricta	15		OBL	1 - Rapid Test for Hyd			
5. Dipsacus laciniatus	5		UPL	2 - Dominance Test is			
6. Solidago gigantea	5		FACW_	✓ 3 - Prevalence Index	aptations¹ (Provide supporting		
7				data in Remarks o	or on a separate sheet)		
8 9				Problematic Hydrophy	ytic Vegetation¹ (Explain)		
10							
Woody Vine Stratum (Plot size: 30 ft r	100%	= Total Cov	er	<sup>1</sup> Indicators of hydric soil a be present, unless disturb	nd wetland hydrology must ed or problematic.		
1				Hydrophytic			
2				Vegetation	✓ No		
		= Total Cov	er	Fresent Tes_			
Remarks: (Include photo numbers here or on a separate s	heet.)						
Hydrophytic vegetation is present.							
I							

SOIL Sampling Point: 1-P

Profile Description: (Describe to the				or confiri	n the absence of i	ndicators.)
Depth Matrix (inches) Color (moist) %		ox Feature		Loc <sup>2</sup>	Toyturo	Remarks
		_ <u> </u>	_ <u>Type¹</u> C	M		Remarks
<u>0 - 20</u> <u>10YR 3/2</u> <u>95</u>	10YR 6/6	_ =		IVI	Clay Loam	
<del>-                                   </del>						
<u> </u>						
-						
<u>-</u>						
<del></del>						
<del>-                                   </del>	_					
<sup>1</sup> Type: C=Concentration, D=Depletion,	RM=Reduced Matrix, N	/IS=Maske	d Sand Gr	ains.		.=Pore Lining, M=Matrix.
Hydric Soil Indicators:	01-	01114	-1:- (0.1)			Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		Gleyed M				rie Redox (A16)
Histic Epipedon (A2) Black Histic (A3)		Redox (Sed Matrix (			Dark Surfa	anese Masses (F12)
Hydrogen Sulfide (A4)		Mucky Mi				ow Dark Surface (TF12)
Stratified Layers (A5)		Gleyed N				lain in Remarks)
2 cm Muck (A10)		ed Matrix			_ ` ` `	
Depleted Below Dark Surface (A11	_	Dark Surf				
Thick Dark Surface (A12)		ed Dark S		)		ydrophytic vegetation and
Sandy Mucky Mineral (S1)	Redox	Depression	ons (F8)			drology must be present,
5 cm Mucky Peat or Peat (S3)  Restrictive Layer (if observed):					uniess dist	urbed or problematic.
Type: N/A						
Depth (inches):					Hydric Soil Pre	sent? Yes No
Remarks:						
Hydric soils are present	•					
,	•					
	•					
	•					
HYDROLOGY		apply)			Secondary Ir	ndicators (minimum of two required)
HYDROLOGY  Wetland Hydrology Indicators:	equired; check all that a	apply) ained Lea	ves (B9)		Surface	Soil Cracks (B6)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is re	equired; check all that a		, ,		Surface Drainage	Soil Cracks (B6) e Patterns (B10)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is round in the control of the con	equired; check all that a Water-St Aquatic F True Aqu	ained Lea auna (B13 atic Plants	3) s (B14)		Surface Drainage Dry-Sea	Soil Cracks (B6) e Patterns (B10) son Water Table (C2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	equired; check all that a Water-St Aquatic F True Aqu Hydroger	ained Lear Fauna (B13 natic Plants n Sulfide C	3) s (B14) Odor (C1)		<ul><li> Surface</li><li> Drainage</li><li> Dry-Sea</li><li> Crayfish</li></ul>	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	equired; check all that a Water-St Aquatic F True Aqu Hydroger Oxidized	ained Lear Fauna (B13 latic Plants n Sulfide C Rhizosphe	3) s (B14) Odor (C1) eres on Liv	-	Surface  Drainage  Dry-Sea  Crayfish  (C3)  Saturation	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	equired; check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence	ained Lear Fauna (B13 latic Plants n Sulfide C Rhizospho e of Reduc	3) s (B14) odor (C1) eres on Liv ed Iron (C	4)	Surface  V Drainage  Dry-Sea  Crayfish  (C3) Saturation  Stunted	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	equired; check all that a  Water-St  Aquatic F  True Aqu  Hydroger  Oxidized  Presence  Recent Ir	ained Lear Fauna (B13 latic Plants In Sulfide C Rhizospho In Reduction Reduction	3) s (B14) odor (C1) eres on Liv ed Iron (C	4)	Surface  V Drainage Dry-Sea Crayfish V Saturation Stunted G Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	equired; check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir	ained Lear Fauna (B13 latic Plants In Sulfide C Rhizospho e of Reduction Reduction	B) B (B14) Codor (C1) Beres on Lived Iron (C Ction in Tille (C7)	4)	Surface  V Drainage Dry-Sea Crayfish V Saturation Stunted G Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imager	equired; check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc y (B7) Gauge or	ained Lear Fauna (B1) ratic Plants n Sulfide C Rhizospho e of Reduct ron Reduct k Surface r Well Data	B) B (B14) Door (C1) Beres on Lived Iron (Ction in Tille B (C7) B (D9)	4)	Surface  V Drainage Dry-Sea Crayfish V Saturation Stunted G Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagered	equired; check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc y (B7) Gauge or	ained Lear Fauna (B1) ratic Plants n Sulfide C Rhizospho e of Reduct ron Reduct k Surface r Well Data	B) B (B14) Door (C1) Beres on Lived Iron (Ction in Tille B (C7) B (D9)	4)	Surface  V Drainage Dry-Sea Crayfish V Saturation Stunted G Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imager  Sparsely Vegetated Concave Surface	equired: check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc y (B7) Gauge or ice (B8) Other (Ex	ained Lear fauna (B1) atic Plants n Sulfide C Rhizospho e of Reduct on Reduct ok Surface r Well Data xplain in R	B) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  V Drainage Dry-Sea Crayfish V Saturation Stunted G Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imager  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Yes	equired; check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc y (B7) Gauge or ce (B8) Depth (ii	ained Lear Fauna (B1) Fauna (B1)	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface  V Drainage Dry-Sea Crayfish V Saturation Stunted G Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imager  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Yes  Water Table Present?	equired; check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc y (B7) Gauge or lice (B8) Other (Ex	ained Lear Fauna (B1) Iatic Plants In Sulfide C Rhizosphe Ion Reduct Ion Reduct Ick Surface Ir Well Data Ixplain in R Inches): Inches): Inches):	B) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface  Drainage  Dry-Sea  Crayfish  Saturatie  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imager  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Water Table Present?  Yes  Saturation Present?  Yes  (includes capillary fringe)	equired; check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc y (B7) Gauge of ice (B8) Other (Exitation of the context	ained Lear Fauna (B1) Iatic Plants In Sulfide C Rhizosphe Ion Reduct Ion Reduct Ick Surface Ir Well Data Ixplain in R Inches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface  Drainage Dry-Sea Crayfish Saturatie Stunted Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagered Sparsely Vegetated Concave Surfated Concave	equired; check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc y (B7) Gauge of ice (B8) Other (Exitation of the context	ained Lear Fauna (B1) Iatic Plants In Sulfide C Rhizosphe Ion Reduct Ion Reduct Ick Surface Ir Well Data Ixplain in R Inches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface  Drainage Dry-Sea Crayfish Saturatie Stunted Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imager  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Water Table Present?  Yes  Saturation Present?  Yes  (includes capillary fringe)	equired; check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc y (B7) Gauge of ice (B8) Other (Exitation of the context	ained Lear Fauna (B1) Iatic Plants In Sulfide C Rhizosphe Ion Reduct Ion Reduct Ick Surface Ir Well Data Ixplain in R Inches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface  Drainage Dry-Sea Crayfish Saturatie Stunted Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is reconstruction)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagerectory  Sparsely Vegetated Concave Surfated Co	equired; check all that a  Water-St  Aquatic F  True Aqu  Hydroger  Oxidized  Presence  Recent Ir  Thin Muc  y (B7) Gauge or  oce (B8) Other (Ex	ained Lear Fauna (B1)	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface  Drainage Dry-Sea Crayfish Saturatie Stunted Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is really a surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagered Sparsely Vegetated Concave Surface Water Present?  Water Table Present?  Yes Saturation Present?  Yes (includes capillary fringe)  Describe Recorded Data (stream gauge	equired; check all that a  Water-St  Aquatic F  True Aqu  Hydroger  Oxidized  Presence  Recent Ir  Thin Muc  y (B7) Gauge or  oce (B8) Other (Ex	ained Lear Fauna (B1)	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface  Drainage Dry-Sea Crayfish Saturatie Stunted Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)

Project/Site: AEP North Delphos - Rockhill Delineat	tion c	City/Co	ounty:	Lima/ Al	
Applicant/Owner: AEP					State: Ohio Sampling Point: 1-P/Q UPL
Investigator(s): E. Wilson, J. Holmes		Section, Township, Range: S011, T003, R006			
Landform (hillslope, terrace, etc.): Upland			L	ocal relief (	(concave, convex, none): None
Slope (%): 0 Lat: 40.791951	ι	ong:	-84.	130350	Datum: WGS 84
Soil Map Unit Name: SrA					NWI classification: None
Are climatic / hydrologic conditions on the site typical for this	time of yea	ır? Ye	es	No _	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly d	disturb	ed?	Are "I	Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	olema	tic?	(If ne	eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	sam	pling	g point lo	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	· /				
Hydric Soil Present? Yes No				Sampled	
Wetland Hydrology Present? Yes No			withi	n a Wetlan	nd? Yes No
Remarks:				_	
Upland sample point for PEM wetlar	1d 1-P a	and	1-0	Ų. Area	has been mowed.
VEGETATION – Use scientific names of plants.					
				Indicator	Dominance Test worksheet:
1			_		Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2					Total Number of Dominant
3 4					Species Across All Strata: 2 (B)
5					Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )	——	- 10ta	ai Cov	er	Prevalence Index worksheet:
1					Total % Cover of:Multiply by:
2					OBL species $\frac{0}{2}$ $\times 1 = \frac{0}{2}$
3					FACW species $\frac{0}{25}$ x 2 = $\frac{0}{75}$
4					FAC species 25
5					UPL species 0 x 5 = 0
Herb Stratum (Plot size: 5 ft r )					Column Totals: 100 (A) 375 (B)
1. Trifolium repens	50			FACU_	
2. Poa pratensis	25			FAC	Prevalence Index = B/A = 3.8
3. Trifolium pratense	15			FACU	Hydrophytic Vegetation Indicators:
4. Plantago lanceolata	10			FACU_	1 - Rapid Test for Hydrophytic Vegetation
5				——	2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹
6					4 - Morphological Adaptations¹ (Provide supporting
7 8					data in Remarks or on a separate sheet)
9					Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
10					1
Woody Vine Stratum (Plot size: 30 ft r )	100%	= Tota	al Cov	er	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1					Hydrophytic
2			al Cov	 er	Present? Yes No
Remarks: (Include photo numbers here or on a separate si		. 016	504		I
No hydrophytic vegetation present.					
Try and project to vegetation present.					

SOIL Sampling Point: 1-P/Q UPL

Profile Desc	cription: (Describe	to the depth	needed to docu	ment the i	indicator	or confire	n the absence of i	indicators.)
Depth	Matrix			x Feature		1 2	T 4	Damada
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0 - 20	10YR 4/4	_ <u>100</u> _					Silt Loam	
<u> </u>								
-								
<u> </u>								
17			advacal Matrix AA	C-Mk			21 ti D	I - Dona Lining Maddin
Hydric Soil	oncentration, D=Dep	pletion, RIVI=R	educed Matrix, M	S=Masked	a Sand Gra	ains.		L=Pore Lining, M=Matrix.  Problematic Hydric Soils <sup>3</sup> :
Histosol			Sandy	Gleyed Ma	atrix (S4)			irie Redox (A16)
I —	pipedon (A2)			Redox (S5			Dark Surfa	
	istic (A3)			d Matrix (S			_	anese Masses (F12)
Hydroge	en Sulfide (A4)		Loamy	Mucky Mir	neral (F1)		Very Shall	ow Dark Surface (TF12)
I —	d Layers (A5)			Gleyed Ma			Other (Exp	plain in Remarks)
_	ick (A10)	- (844)		ed Matrix (				
	d Below Dark Surfac ark Surface (A12)	e (A11)	_	Dark Surfa ed Dark Su	. ,		3Indicators of	hydrophytic vegetation and
	flucky Mineral (S1)			Depression				drology must be present,
	icky Peat or Peat (S	3)		,	()			turbed or problematic.
Restrictive	Layer (if observed)	:						
Type: <u>N</u>	/A		_				Unidate Call Due	No. V
Depth (in	ches):		_				Hydric Soil Pre	esent? Yes No
Remarks:								
No nyai	ric soils pres	sent						
HYDROLO	GY							
Wetland Hy	drology Indicators	1						
Primary India	cators (minimum of	one is required	l; check all that a	pply)			Secondary I	ndicators (minimum of two required)
Surface	Water (A1)		Water-Sta	ined Leav	es (B9)		Surface	Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic F	auna (B13	)		Drainag	ge Patterns (B10)
Saturation	on (A3)		True Aqua	atic Plants	(B14)		Dry-Sea	ason Water Table (C2)
Water M	larks (B1)		Hydrogen	Sulfide O	dor (C1)		Crayfish	n Burrows (C8)
	nt Deposits (B2)			Rhizosphe		-	—	ion Visible on Aerial Imagery (C9)
ı —	posits (B3)		Presence		,	,		or Stressed Plants (D1)
-	at or Crust (B4)		Recent Iro			d Soils (C	· —	rphic Position (D2)
ı —	oosits (B5) on Visible on Aerial	Imagani (P7)	Thin Mucl Gauge or	,	. ,		FAC-NE	eutral Test (D5)
	y Vegetated Concav							
Field Obser		e ourrace (bo	Other (Ex	piaiii iii ike	iliaiks)			
Surface Wat		/es No	Depth (in	iches).				
Water Table			Depth (in					
Saturation P			Depth (ir				land Hydrology P	resent? Yes No
(includes cap	oillary fringe)							
Describe Re	corded Data (strean	n gauge, monit	toring well, aerial	photos, pr	evious ins	pections),	, if available:	
Remarks:								
No hvdr	ology prese	nt						
	-10g, p. 000							

Project/Site: AEP North Delphos - Rockhill	(	City/Co	<sub>unty:</sub> <u>Lima</u> / <i>F</i>	Allen	Sampling Date: 2021-06-30
Applicant/Owner: AEP				State: Ohio	
Investigator(s): J. Holmes E. Wilson	;	Section	, Township, Ra	nge:S011 7	003 R006
Landform (hillslope, terrace, etc.): Depression			Local relief	(concave, convex, none):	Concave
Slope (%): 1 Lat: 40.791506	ا	Long: _	-84.130002		Datum: WGS 84
Soil Map Unit Name:SrA				NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Yes	s No _	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly o	disturbe	ed? Are	"Normal Circumstances" pr	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally pro	blemati	c? (If ne	eeded, explain any answer	s in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	samp	oling point l	ocations, transects,	important features, etc.
Hydrophytic Vegetation Present? Yes No	)				
Hydric Soil Present? Yes No			s the Sampled		No
Wetland Hydrology Present? Yes No Remarks:	·		within a Wetla	nd? fes	NO
	_				
Wetland in existing ROW depression	1.				
<b>VEGETATION</b> – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r	Absolute		nant Indicator	Dominance Test works	
1			es? Status	Number of Dominant Sp That Are OBL, FACW, o	recies 2 (A)
2				Total Number of Domina	•
3				Species Across All Strat	a: <u>2</u> (B)
4.       5.				Percent of Dominant Sports That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total	Cover	Prevalence Index work	sheet:
1				Total % Cover of:	Multiply by:
2.					x 1 = <u>0</u>
3				FACW species 100	
4					x 3 = 0
5					
Herb Stratum (Plot size: 5 ft r )		= Total	Cover	100	(A) $\frac{x}{200}$ (B)
1. Phalaris arundinacea	60		FACW		
2. Urtica dioica	25				= B/A = <u>2.0</u>
3. Elymus virginicus	<del>10</del> 5		FACW	Hydrophytic Vegetation	
4. Impatiens capensis			FACW_	<ul><li>✓ 1 - Rapid Test for H</li><li>✓ 2 - Dominance Test</li></ul>	
5 6				✓ 3 - Prevalence Inde	
7				4 - Morphological A	daptations <sup>1</sup> (Provide supporting
8.				1	or on a separate sheet)
9				Problematic Hydrop	hytic Vegetation <sup>1</sup> (Explain)
10				<sup>1</sup> Indicators of hydric soil	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r	100%_	= Total	Cover	be present, unless distu	
1				Hydrophytic	
2			Cover	Vegetation Present? Yes	No
Remarks: (Include photo numbers here or on a separate si		- TOTAL	OUVEI	<u> </u>	
A preponderance of hydrophytic ve		n ie	nresent		
, t p. spondoranoe or riyaropriyae ve	gotati	-11 13	P1 000110		

SOIL Sampling Point: 1-Q

Profile Desc	ription: (Describe	e to the de	oth needed to docu	ment the	indicator	or confir	m the absence of indicator	s.)
Depth	Matrix			ox Feature				
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup> _	_Loc <sup>2</sup>		Remarks
0-5	10YR 4/2	_ <u>100</u> _					Silt Loam	
<u>5 - 20</u>	10YR 5/2	85	10YR 4/6	<u> 15 </u>	<u> </u>	<u>M</u>	Sandy Clay Loam	
-								
_								
<u> </u>					- ——			
		pletion, RM	=Reduced Matrix, N	IS=Maske	d Sand Gr	ains.	<sup>2</sup> Location: PL=Pore L	
Hydric Soil I							Indicators for Problem	
Histosol				Gleyed M			Coast Prairie Redo	x (A16)
Black His	oipedon (A2)			Redox (Sad Matrix (	,		<ul><li>Dark Surface (S7)</li><li>Iron-Manganese M</li></ul>	2000 (F12)
ı —	n Sulfide (A4)				ineral (F1)		Very Shallow Dark	
1 — , ,	Layers (A5)			Gleyed M			Other (Explain in R	
2 cm Mu			✓ Deplete	ed Matrix	(F3)			
	l Below Dark Surfa	ce (A11)		Dark Surf			2	
ı —	rk Surface (A12)				urface (F7	)	<sup>3</sup> Indicators of hydrophy	•
ı — ·	lucky Mineral (S1)	20)	Redox	Depression	ons (F8)		wetland hydrology r	
	cky Peat or Peat (Sayer (if observed						unless disturbed or	problematic.
_	ayer (ii observed							
Depth (inc							Hydric Soil Present?	Yes No
Remarks:								
	<b>C</b> *1						•	
The soil	profile med	ets the	criteria for h	naving	a dep	leted	matrix	
HYDROLO	GY							
Wetland Hyd	drology Indicators	;;						
1			ired; check all that a	pply)			Secondary Indicators	(minimum of two required)
	Water (A1)			ained Leav	ves (B9)		Surface Soil Cra	
	ter Table (A2)		Aquatic F				✓ Drainage Patterr	
Saturation				atic Plants	-		Dry-Season Wat	
Water M	arks (B1)		Hydroger	Sulfide C	dor (C1)		Crayfish Burrows	s (C8)
Sedimen	t Deposits (B2)		X Oxidized	Rhizosphe	eres on Liv	ing Roots	s (C3) Saturation Visible	e on Aerial Imagery (C9)
Drift Dep	osits (B3)		Presence	of Reduc	ed Iron (C	4)	Stunted or Stress	sed Plants (D1)
Algal Ma	t or Crust (B4)		Recent Ir	on Reduct	tion in Tille	d Soils (C	C6) ✓ Geomorphic Pos	ition (D2)
Iron Dep	osits (B5)		Thin Muc	k Surface	(C7)		FAC-Neutral Tes	t (D5)
	on Visible on Aerial							
		ve Surface	(B8) Other (Ex	plain in R	emarks)			
Field Observ			,					
Surface Water	er Present?	Yes	No Depth (in	nches):		_		
Water Table			No Depth (in					_
Saturation Pr		Yes	No Depth (in	nches):		Wet	tland Hydrology Present?	Yes No
(includes cap		m dalide m	onitoring well, aerial	nhotos n	revious ins	nections)	) if available	
Booonibo rece	oorded Data (etredi	n gaago, m	ormorning went, derica	priotos, p	revious inc	podiono	y, ii availabio.	
Remarks:								
	indicaters	of wat	and budgets	av., v., c	ro 0-0-	ont c	t tha time of some	olina
iviultiple	muicators	oi wett	and nydrolog	gy we	e pres	sent a	t the time of sam	piing

Project/Site: AEP North Delphos - Rockhill	(	City/Cou	nty: <u>Lima</u> / <b>/</b>	Allen	Sampling Date: 2021-06-30
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-R
Investigator(s): J. Holmes E. Wilson		Section,	Township, Rai	nge: S013 T003	H006
Landform (hillslope, terrace, etc.): Depression			_ Local relief	(concave, convex, none):	Concave
Slope (%): 1 Lat: 40.777333	ι	_ong: _ <b>-8</b>	34.114653		Datum: WGS 84
Soil Map Unit Name:PmA				NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Yes	No _	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology sign	gnificantly o	disturbed	d? Are "	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	blematic	? (If ne	eded, explain any answer	s in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	sampl	ling point le	ocations, transects,	, important features, etc.
Hydrophytic Vegetation Present? Yes No	,				
Hydric Soil Present? Yes No			the Sampled		
Wetland Hydrology Present? Yes <u>✓</u> No		W	vithin a Wetlan	id? Yes	No
Remarks:	_				
Wetland in existing ROW depression	١.				
VEGETATION – Use scientific names of plants.					
20 ft "			ant Indicator	Dominance Test works	sheet:
Tree Stratum (Plot size: 30 ft r )  1			s? Status	Number of Dominant Sp That Are OBL, FACW, o	
2 3				Total Number of Domina Species Across All Strat	•
4				Percent of Dominant Sp	pecies
5			Cover	That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index work	
1				Total % Cover of:	Multiply by: x 1 = 45
2 3					$x = \frac{100}{100}$
4					x 3 = 0
5					x 4 = 0
	:				x 5 = <u>0</u>
Herb Stratum (Plot size: 5 ft r )   1. Carex squarrosa	35	/	OBL	Column Totals: 95	(A) <u>145</u> (B)
2. Carex cristatella	25		FACW	Prevalence Index	= B/A = <u>1.5</u>
3. Carex vulpinoidea	25		FACW	Hydrophytic Vegetatio	
4. Glyceria striata	10		OBL_	✓ 1 - Rapid Test for H	
5				2 - Dominance Test	
6				✓ 3 - Prevalence Inde	ex is ≤3.0° daptations¹ (Provide supporting
7 8				data in Remarks	s or on a separate sheet)
9				Problematic Hydrop	ohytic Vegetation¹ (Explain)
10				1	
Woody Vine Stratum (Plot size: 30 ft r )	95%:	= Total (	Cover	be present, unless distu	and wetland hydrology must rbed or problematic.
1				Hydrophytic	
2		= Total (	Cover	Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate sl		, otal (		I	
A preponderance of hydrophytic ve	aetatic	on is	present		
	J = 15, 17 C		1-1-2-6		

SOIL Sampling Point: 1-R

Profile Desc	cription: (Describe	to the dep	th needed to docur	nent the	indicator	or confir	n the absence of in	dicators.)
Depth	Matrix			x Feature				
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>		Remarks
0-5	10YR 4/2	100_					Silt Loam	
5-20	10YR 5/2	<u>85</u>	10YR 4/6	<u>15</u>	<u> </u>	<u>M</u>	Sandy Clay Loam	
-								
<u> </u>								
<u> </u>								
		pletion, RM=	Reduced Matrix, M	S=Maske	d Sand Gr	ains.		=Pore Lining, M=Matrix.
Hydric Soil								Problematic Hydric Soils <sup>3</sup> :
Histosol				-	atrix (S4)			ie Redox (A16)
	oipedon (A2) istic (A3)			Redox (S d Matrix (	-		Dark Surfac	nese Masses (F12)
	Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1)						w Dark Surface (TF12)	
	d Layers (A5)			-	latrix (F2)			ain in Remarks)
2 cm Mu	ıck (A10)		Deplete	d Matrix	(F3)			
ı —	d Below Dark Surfa	ce (A11)	_	Dark Surf	. ,		3	
ı —	ark Surface (A12)				urface (F7	)		ydrophytic vegetation and
ı — ·	Mucky Mineral (S1) ucky Peat or Peat (S	:3)	Redox I	Depression	ons (F8)			Irology must be present, irbed or problematic.
	Layer (if observed)	,					uniess dista	inded of problematic.
Type:		,-						,
Depth (in	ches):						Hydric Soil Pres	sent? Yes No
Remarks:								
The soi	I profile mee	ets the	criteria for h	aving	a dep	leted ı	matrix	
HYDROLO	GY							
Wetland Hy	drology Indicators	:						
Primary India	cators (minimum of	one is requi	red; check all that ap	ply)			Secondary In	dicators (minimum of two required)
Surface	Water (A1)		Water-Sta	ined Lea	ves (B9)		Surface S	Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic Fa	auna (B13	3)		Drainage	Patterns (B10)
Saturation	on (A3)		True Aqua	itic Plants	s (B14)		Dry-Seas	son Water Table (C2)
Water M	larks (B1)		Hydrogen					Burrows (C8)
	nt Deposits (B2)		_ <b>X</b> Oxidized F			-		n Visible on Aerial Imagery (C9)
I —	posits (B3)		Presence		,	,	_	or Stressed Plants (D1)
ı —	at or Crust (B4)		Recent Iro			d Soils (C		phic Position (D2)
ı —	posits (B5)		Thin Muck				FAC-Neu	ıtral Test (D5)
_	on Visible on Aerial		. —					
Field Obser	y Vegetated Concav	re Surrace (	B8) Other (Exp	plain in R	emarks)			
Surface Wat		V-00	No Depth (in	choo):				
			No Depth (in					
Water Table			No Depth (in				land Hudralamy Dra	esent? Yes No
Saturation P (includes cap		res	No Depth (in	cnes):		_   wet	iand Hydrology Pre	esent? Yes No
Describe Re	corded Data (strear	n gauge, mo	onitoring well, aerial	photos, p	revious ins	pections),	, if available:	
Remarks:								
		. <b>.</b>						12
iviuitiple	indicators (	or wetla	ana nyarolog	y we	re pres	sent a	t the time of	sampling

Project/Site: AEP North Delphos - Rockhill		Citv/Co	ountv	Lima / A	Allen	Sampling Date: _	2021-06-30
Applicant/Owner: AEP		,	,		State: Ohio		
Investigator(s): J. Holmes E. Wilson					0040 T0	3 R006	
					(concave, convex, none):	Concave	
, , ,							4
							·
Are climatic / hydrologic conditions on the site typical for this					NWI classific		
							/
Are Vegetation, Soil, or Hydrology s					Normal Circumstances" p		No
Are Vegetation, Soil, or Hydrology r				•	eded, explain any answe	,	
SUMMARY OF FINDINGS – Attach site map		sam	plin	g point l	ocations, transects	, important fe	atures, etc.
Hydrophytic Vegetation Present? Yes N					•		
Hydric Soil Present? Yes N				e Sampled		No	
Wetland Hydrology Present? Yes <u>✓</u> N	o		with	in a Wetlan	id? Yes	No	-
Remarks:							
Wetland in existing ROW depressio	n.						
<b>VEGETATION</b> – Use scientific names of plants.							
	Absolute	Domi	inant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size: 30 ft r )	% Cover	Spec	ies?	Status	Number of Dominant S	pecies	
1					That Are OBL, FACW,	or FAC: 3	(A)
2					Total Number of Domin	ant	
3					Species Across All Stra	ta: <u>3</u>	(B)
4			_		Percent of Dominant Sp	pecies	
5			I Cov	———	That Are OBL, FACW,	or FAC: 100	(A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		- 1018	ii Cov	ei	Prevalence Index wor	ksheet:	
1					Total % Cover of:		y by:
2						x 1 = <u>35</u>	
3						x 2 = <u>100</u>	
4						x 3 = <u>30</u>	
5					FACU species 0		
Herb Stratum (Plot size: 5 ft r )		= Tota	l Cov	er	UPL species 0		
1. Carex crinita	35	•	•	OBL	Column Totals: 95	(A) <u>103</u>	(B)
2. Carex cristatella	25		_	FACW	Prevalence Index	= B/A = 1.7	
3. Carex vulpinoidea	25			FACW	Hydrophytic Vegetation	on Indicators:	
4. Apocynum cannabinum	10			FAC	✓ 1 - Rapid Test for H		ation
5					2 - Dominance Tes		
6					✓ 3 - Prevalence Inde		
7					4 - Morphological A	Adaptations' (Provi s or on a separate	
8					Problematic Hydro		,
9						,	(=:: -::::/
10	<u> </u>				<sup>1</sup> Indicators of hydric soi	I and wetland hydr	rology must
Woody Vine Stratum (Plot size: 30 ft r )	95%	= Tota	l Cov	er	be present, unless distu	urbed or problema	tic.
1					Hydrophytic		
2					Vegetation	s No	
		= Tota	l Cov	er	Present? Yes	» NO	
Remarks: (Include photo numbers here or on a separate	sheet.)						
A preponderance of hydrophytic ve	egetation	on is	s pr	esent			
	-						

SOIL Sampling Point: 1-S

Depth	Matrix		Red	lox Feature	25			
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0 - 5	10YR 4/2	100					Silt Loam	
5 - 20	10YR 5/2	 85	10YR 4/6	 15	С	М	Sandy Clay Loam	
							·	
				_				
_								
¹Type: C=Co	ncentration D=De	nletion RM	I=Reduced Matrix, M	– ——— AS=Maske	d Sand Gr	ains	<sup>2</sup> Location: P	L=Pore Lining, M=Matrix.
Hydric Soil Ir		pionon, rav	Troduced matrix, ii	no maone	a cana ci	ui110.		Problematic Hydric Soils <sup>3</sup> :
Histosol (	(A1)		Sandy	Gleyed M	atrix (S4)		Coast Prai	rie Redox (A16)
Histic Epi	ipedon (A2)			Redox (S			Dark Surfa	
Black His	stic (A3)		Strippe	ed Matrix (	S6)		Iron-Mang	anese Masses (F12)
	n Sulfide (A4)			-	ineral (F1)			ow Dark Surface (TF12)
_	Layers (A5)			Gleyed N			Other (Exp	olain in Remarks)
2 cm Mud	, ,	(8.4.4)		ted Matrix	. ,			
	Below Dark Surfa	ice (A11)	_	Dark Sur	, ,	`	3Indicators of I	audraah, dia vasatatian and
	rk Surface (A12) ucky Mineral (S1)			ed Dark S Depressi	urface (F7	)		nydrophytic vegetation and drology must be present,
	cky Peat or Peat (	S3)	Nedox	Depressi	JIIS (F0)			turbed or problematic.
	ayer (if observed							and of problematic.
Type:	, , , , , , , , , , , , , , , , , , , ,							,
Depth (incl							Hydric Soil Pre	sent? Yes No
Remarks:								
HYDROLOG	GY							
HYDROLOG	GY Irology Indicators	s:						
Wetland Hyd	Irology Indicators		ired; check all that a	apply)			Secondary I	ndicators (minimum of two required)
Wetland Hyd	Irology Indicators			apply) ained Lea	ves (B9)			ndicators (minimum of two required) Soil Cracks (B6)
Wetland Hyde Primary Indica Surface V	Irology Indicators ators (minimum of		Water-St				Surface	• • • • • • • • • • • • • • • • • • • •
Wetland Hyde Primary Indica Surface V	Irology Indicators ators (minimum of Water (A1) ter Table (A2)		Water-St Aquatic F	ained Lea	3)		Surface  V Drainag	Soil Cracks (B6)
Wetland Hydronica Primary Indica Surface V High Wate	Irology Indicators ators (minimum of Water (A1) ter Table (A2) n (A3)		Water-St Aquatic F	ained Lea auna (B1 atic Plant	3) s (B14)		Surface Drainag Dry-Sea	Soil Cracks (B6) e Patterns (B10)
Wetland Hydromatics Primary Indicator Surface V High Wate Saturation Water Ma	Irology Indicators ators (minimum of Water (A1) ter Table (A2) n (A3)		<pre>Water-St Aquatic F True Aqu Hydroger Oxidized</pre>	ained Lea Fauna (B1) uatic Plants n Sulfide ( Rhizosph	3) s (B14) Odor (C1) eres on Liv	-	Surface  Drainag  Dry-Sea  Crayfish	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2)
Wetland Hydromatics Primary Indicator Surface V High Wate Saturation Water Ma	Irology Indicators ators (minimum of Water (A1) ter Table (A2) in (A3) arks (B1) t Deposits (B2)		Water-St Aquatic F True Aqu Hydroger Oxidized Presence	ained Lea Fauna (B1 Juatic Plants In Sulfide C Rhizosph e of Reduc	3) s (B14) Odor (C1) eres on Liv ed Iron (C	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Wetland Hydromary Indicated Surface Volume High Water Mater Material Mat	Irology Indicators ators (minimum of Water (A1) ter Table (A2) in (A3) arks (B1) t Deposits (B2)		Water-St Aquatic F True Aqu Hydroger Oxidized Presence	ained Lea Fauna (B1 Juatic Plants In Sulfide C Rhizosph e of Reduc	3) s (B14) Odor (C1) eres on Liv	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomoi	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2)
Wetland Hydroman Primary Indicated Surface Volume High Water Market Mark	Irology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5)	one is requ	Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir	ained Lea Fauna (B1: latic Plants n Sulfide C Rhizosph e of Reduc ch Surface	3) s (B14) odor (C1) eres on Lived Iron (C tion in Tille	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomoi	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Wetland Hydromary Indicate Surface V High Wate Saturation Water Mate Sediment Drift Depot Algal Mate Iron Depot Inundation	Irology Indicators ators (minimum of Water (A1) ter Table (A2) in (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) on Visible on Aerial	one is requ	Water-St Aquatic F Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc	ained Lea Fauna (B1 Iatic Plants In Sulfide C Rhizosph In Grant In	3) s (B14) Odor (C1) eres on Lived Iron (C tion in Tille (C7) a (D9)	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomoi	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2)
Wetland Hydromary Indicate Surface V High Water Saturation Water Mater Sediment Drift Depote Algal Mater Iron Depote Inundation Sparsely	Archive (B4)  Archive (B4)  Archive (B4)  Archive (B4)  Archive (B4)  Archive (B4)  Archive (B5)  Archive (B5)  Archive (B5)  Archive (B5)  Archive (B5)  Archive (B5)  Archive (B6)  Ar	one is requ	Water-St Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir	ained Lea Fauna (B1 Iatic Plants In Sulfide C Rhizosph In Grant In	3) s (B14) Odor (C1) eres on Lived Iron (C tion in Tille (C7) a (D9)	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomoi	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2)
Wetland Hydromary Indication  Surface V High Water Mater Material Mat	Archive (A)  Archive (A)  Archive (A)  Archive (A2)  Archive (A2)  Archive (B1)  Archive (B2)  Archive (B3)  Archive (B4)  Archive (B4)  Archive (B5)  Archi	one is requi	Water-St Aquatic F Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Thin Muc Gauge or (B8) Other (Ex	ained Lea Fauna (B1) Iatic Plants In Sulfide C Rhizosph Ie of Reduction Reduction Ick Surface Ir Well Data Explain in R	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomoi	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2)
Wetland Hydromary Indicate Surface V High Water Saturation Water Mater Sediment Drift Depote Algal Mater Iron Depote Inundation Sparsely	Irology Indicators ators (minimum of Water (A1) ter Table (A2) in (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) on Visible on Aeria Vegetated Concar rations:	I Imagery (Eve Surface	Water-St Aquatic F Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Thin Muc (B8) Other (Ex	ained Lea Fauna (B1: latic Plants in Sulfide C Rhizosph e of Reduction Reduc- con Reduc- ck Surface in Well Data explain in R	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomoi	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2)
Wetland Hydromary Indication  Surface V High Water Mater Material Mat	Archive the content of the content o	I Imagery (Eve Surface Yes	Water-St Aquatic F Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Thin Muc Gauge or (B8) Other (Ex	ained Lea Fauna (B1 patic Plants n Sulfide C Rhizosph e of Reduct con Reduct k Surface r Well Data xplain in R nches): nches):	3) s (B14) Odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  Prainag  Dry-Sea  Crayfish  Saturati  Stunted  Geomon  FAC-Ne	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2) eutral Test (D5)
Wetland Hyde Primary Indica Surface V High Wate Saturation Water Ma Sediment Drift Depo Algal Mat Iron Depo Inundation Sparsely Field Observe Surface Water Water Table F Saturation Pre (includes capi	Irology Indicators ators (minimum of 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 Concar vations: er Present? Present? esent? elilary fringe)	I Imagery (Eve Surface Yes Yes	Water-St Aquatic F Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Gauge or (B8) Other (Ex  No V Depth (in No V Depth (in	ained Lea Fauna (B1 Patic Plants In Sulfide Con Reduct It Surface It Well Date It Suplain in R Inches): Inches)	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  Drainag  Dry-Sea  Crayfish  Stunted  Geomon  FAC-Nea	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2)
Wetland Hyde Primary Indica Surface V High Wate Saturation Water Ma Sediment Drift Depo Algal Mat Iron Depo Inundation Sparsely Field Observe Surface Water Water Table F Saturation Pre (includes capi	Irology Indicators ators (minimum of 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 Concar vations: er Present? Present? esent? elilary fringe)	I Imagery (Eve Surface Yes Yes	Water-St Aquatic F Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Thin Muc Gauge or (B8) Other (Ex	ained Lea Fauna (B1 Patic Plants In Sulfide Con Reduct It Surface It Well Date It Suplain in R Inches): Inches)	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  Drainag  Dry-Sea  Crayfish  Stunted  Geomon  FAC-Nea	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2) eutral Test (D5)
Wetland Hyde Primary Indica Surface V High Wate Saturation Water Ma Sediment Drift Depo Algal Mat Iron Depo Inundation Sparsely Field Observe Surface Water Water Table F Saturation Pre (includes capi	Irology Indicators ators (minimum of 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 Concar vations: er Present? Present? esent? elilary fringe)	I Imagery (Eve Surface Yes Yes	Water-St Aquatic F Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Gauge or (B8) Other (Ex  No V Depth (in No V Depth (in	ained Lea Fauna (B1 Patic Plants In Sulfide Con Reduct It Surface It Well Date It Suplain in R Inches): Inches)	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  Drainag  Dry-Sea  Crayfish  Stunted  Geomon  FAC-Nea	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2) eutral Test (D5)
Wetland Hyde  Primary Indica Surface V High Water Saturation Water Ma Sediment Drift Depo Algal Mat Iron Depo Inundation Sparsely Field Observe Surface Water Water Table F Saturation Pre (includes capi Describe Reco	Irology Indicators ators (minimum of Water (A1) ter Table (A2) in (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) on Visible on Aerial Vegetated Concar vations: er Present? Present? esent? elilary fringe) corded Data (streat	I Imagery (Eve Surface Yes Yes Yes m gauge, m	Water-St  Aquatic F  True Aqu  Hydroger  Oxidized  Presence  Recent Ir  Thin Muc  37) Gauge of  (B8) Other (Ex)  No ✓ Depth (if  No ✓ Depth (if  No ✓ Depth (if  No ✓ Depth (if)  No ✓ Depth (if)	ained Lea Fauna (B1 Iatic Plants In Sulfide C Rhizosph Ie of Reduct Iron Reduc	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  Prainag  Dry-Sea  Crayfish  Stunted  Geomon  FAC-Nea  tland Hydrology Pr	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rephic Position (D2) autral Test (D5)
Wetland Hydi Primary Indica Surface V High Wate Saturation Water Ma Sediment Drift Depo Algal Mat Iron Depo Inundation Sparsely Field Observe Surface Water Water Table F Saturation Pre (includes capi Describe Reco	Irology Indicators ators (minimum of Water (A1) ter Table (A2) in (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) on Visible on Aerial Vegetated Concar vations: er Present? Present? esent? elilary fringe) corded Data (streat	I Imagery (Eve Surface Yes Yes Yes m gauge, m	Water-St Aquatic F Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Gauge or (B8) Other (Ex  No V Depth (in No V Depth (in	ained Lea Fauna (B1 Iatic Plants In Sulfide C Rhizosph Ie of Reduct Iron Reduc	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  Prainag  Dry-Sea  Crayfish  Stunted  Geomon  FAC-Nea  tland Hydrology Pr	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rephic Position (D2) autral Test (D5)

Project/Site: AEP North Delphos - Rockhill	(	City/Cou	ınty: <u>Lima</u> / I	Allen	Sampling Date: 2021	1-06-30
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-0/	R/S UPL
Investigator(s): J. Holmes E. Wilson	\$	Section,	Township, Ra	nge:S013 T0	03 R006	
Landform (hillslope, terrace, etc.): Upland, Flat			_ Local relief	(concave, convex, none):	None	
Slope (%): 1 Lat: 40.778333		Long: _	84.115973		Datum: WGS 84	
Soil Map Unit Name:PmA				NWI classific	ation: N/A	
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Yes	No_	(If no, explain in R	emarks.)	
Are Vegetation, Soil, or Hydrology si	ignificantly of	disturbe	d? Are	"Normal Circumstances" p	present? Yes	No
Are Vegetation, Soil, or Hydrology na	aturally prol	blematic	? (If ne	eeded, explain any answe	rs in Remarks.)	
SUMMARY OF FINDINGS - Attach site map	showing	samp	ling point l	ocations, transects	, important featur	es, etc.
Hydrophytic Vegetation Present? Yes No	·					
Hydric Soil Present? Yes No	o		s the Sampled			
Wetland Hydrology Present? Yes No	<u> </u>	W	vithin a Wetla	nd? Yes	No	
Remarks:						
Representative of existing ROW. Up	pland sa	ampl	e point f	or wetlands 1-C	), 1-R, and 1-S	
VEGETATION – Use scientific names of plants.						
20 ft r	Absolute		ant Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size: 30 ft r )  1			es? Status	Number of Dominant S That Are OBL, FACW,		_ (A)
2				Total Number of Domin	ant	
3				Species Across All Stra		_ (B)
4				Percent of Dominant S		
5		= Total (	Cover	That Are OBL, FACW,	or FAC: 0	_ (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		- Total	00401	Prevalence Index wor	ksheet:	
1				Total % Cover of:		_
2					x 1 = 0	_
3				1	x 2 = 0	_
4				FAC species 0 FACU species 100	x = 0 x = 400	_
5					x 5 = 0	_
Herb Stratum (Plot size: 5 ft r )		= Total	Cover	Column Totals: 100		(B)
1. Bromus inermis	40		FACU		( ' '	(5)
2. Trifolium repens	30		FACU	Prevalence Index		
3. Solidago canadensis	20		FACU	Hydrophytic Vegetation		
4. Lolium perenne	10		FACU_	l — ·	Hydrophytic Vegetation	
5				2 - Dominance Tes		
6				3 - Prevalence Inde		
7				data in Remark	Adaptations¹ (Provide รเ s or on a separate shee	apporting
8				1	phytic Vegetation <sup>1</sup> (Exp	
9						
10.	100%	= Total (	Cover		il and wetland hydrology	y must
Woody Vine Stratum (Plot size: 30 ft r )		rotar	00101	be present, unless distr	urbed or problematic.	
1				Hydrophytic		
2				Vegetation Ye	s No	
Remarks: (Include photo numbers here or on a separate s		= Total	Cover			
	-	•				
A preponderance of hydrophytic ve	getatio	on is	not pres	ent		

SOIL Sampling Point: 1-O/R/S UPL

Profile Description: (Describ	e to the depth ne	eded to docu	ment the i	ndicator	or confirn	n the absence of i	indicators.)
Depth Matrix		Redo	x Features	3			
(inches) Color (moist)	% Co	olor (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-6 10YR 4/3	<u>100</u>					Sandy Clay Loam	
-							
-							
<u> </u>							
<u>-</u>							
-							
<sup>1</sup> Type: C=Concentration, D=De	nletion RM=Redu	uced Matrix M	S=Macked	Sand Gr	aine	<sup>2</sup> Location: P	L=Pore Lining, M=Matrix.
Hydric Soil Indicators:	spielion, Mivi–Medi	uced Matrix, M	0-Masked	Oand Or	airis.		Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		Sandy	Gleyed Ma	trix (S4)			irie Redox (A16)
Histic Epipedon (A2)			Redox (S5			Dark Surfa	
Black Histic (A3)			d Matrix (S	•		_	ganese Masses (F12)
Hydrogen Sulfide (A4)			Mucky Mir				low Dark Surface (TF12)
Stratified Layers (A5)		Loamy	Gleyed Ma	trix (F2)		Other (Exp	plain in Remarks)
2 cm Muck (A10)			ed Matrix (F	,			
Depleted Below Dark Surfa	ace (A11)	_	Dark Surfa	. ,		2	
Thick Dark Surface (A12)			ed Dark Su		)		hydrophytic vegetation and
Sandy Mucky Mineral (S1)	00)	Redox	Depression	ns (F8)			/drology must be present,
5 cm Mucky Peat or Peat ( Restrictive Layer (if observed)						uniess dis	turbed or problematic.
Type:						Hydric Soil Pre	esent? Yes No
Depth (inches):							
Remarks:							
The soil profile doe					,		
HYDROLOGY							
Wetland Hydrology Indicators	s:						
Primary Indicators (minimum of		heck all that a	(vlac			Secondary I	Indicators (minimum of two required)
Surface Water (A1)			ined Leave	es (B9)			Soil Cracks (B6)
High Water Table (A2)	,	Aquatic Fa		, ,			ge Patterns (B10)
Saturation (A3)			atic Plants				ason Water Table (C2)
Water Marks (B1)		Hydrogen		-			h Burrows (C8)
Sediment Deposits (B2)		Oxidized I		, ,	ing Roots		ion Visible on Aerial Imagery (C9)
Drift Deposits (B3)	,	Presence	-		-		or Stressed Plants (D1)
Algal Mat or Crust (B4)	,	Recent Iro					rphic Position (D2)
Iron Deposits (B5)		Thin Muck			•	. —	eutral Test (D5)
Inundation Visible on Aeria		Gauge or				_	, ,
Sparsely Vegetated Conca		Other (Ex					
Field Observations:							
Surface Water Present?	Yes No	Depth (in	ches):		_		
Water Table Present?	Yes No	Depth (in	ches):		_		
	Yes No					and Hydrology Pi	resent? Yes No
(includes capillary fringe)	10310	Bepair (iii	C(100)		_   ****	and riyarology i	100 <u>100 100 100 100 100 100 100 100 100</u>
Describe Recorded Data (strea	m gauge, monitori	ing well, aerial	photos, pre	evious ins	pections),	if available:	
No primary and or second	lary wetland h	ydrology ind	dicators	were pr	esent at	the time of sar	mpling
Remarks:							
1							

Project/Site: AEP North Delphos - Rockhill	(	City/Co	ounty: _	Lima / A	llen Sam	npling Date: <u>2021-06-30</u>
Applicant/Owner: AEP					State: Ohio Sam	
Investigator(s): J. Holmes E. Wilson		Section	n, Tow	nship, Rar	nge: S013 T003 R	006
Landform (hillslope, terrace, etc.): Depression			Lo	cal relief	(concave, convex, none): Con	ncave
Slope (%): 1 Lat: 40.781248		Long: .	-84.1	19136	Datu	<sub>um:</sub> WGS 84
Soil Map Unit Name:SkA					NWI classification	ı: <u>N/A</u>
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Ye	es	No _	(If no, explain in Remar	rks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly	disturbe	ed?	Are "	Normal Circumstances" preser	nt? Yes No
Are Vegetation, Soil, or Hydrology na	aturally pro	blemati	tic?	(If ne	eded, explain any answers in	Remarks.)
SUMMARY OF FINDINGS - Attach site map s	showing	samp	pling	point lo	ocations, transects, im	portant features, etc.
Hydrophytic Vegetation Present? Yes No	·					
Hydric Soil Present? Yes No				Sampled		
Wetland Hydrology Present? Yes   ✓ No	·		within	a Wetlan	d? Yes	No
Remarks:						
Wetland in existing ROW depression	n.					
VEGETATION – Use scientific names of plants.						
20 # *	Absolute			ndicator	Dominance Test workshee	et:
Tree Stratum (Plot size: 30 ft r )  1	% Cover				Number of Dominant Specie That Are OBL, FACW, or FA	
2					Total Number of Dominant	_
3					Species Across All Strata:	<u>3</u> (B)
4.       5.					Percent of Dominant Species That Are OBL, FACW, or FA	
Sapling/Shrub Stratum (Plot size: 15 ft r		= Total	I Cove	r	Prevalence Index workshe	eet:
1					Total % Cover of:	Multiply by:
2.						_ x 1 = <u>45</u>
3					FACW species 50	
4						_ x 3 = 0
5						_ x 4 = 0
Herb Stratum (Plot size: 5 ft r )		= Total	I Cove	r	,	x = 0 (A) 145 (B)
1. Carex squarrosa	35			OBL		= ( ) ===== ( )
2. Carex cristatella	25			FACW	Prevalence Index = B/	/A = <u>1.5</u>
3. Carex vulpinoidea	25			FACW	Hydrophytic Vegetation Inc	
4. Glyceria striata	10			OBL	1 - Rapid Test for Hydro	. , .
5					<ul><li>✓ 2 - Dominance Test is &gt;</li><li>✓ 3 - Prevalence Index is :</li></ul>	
6					4 - Morphological Adapt	
7 8					data in Remarks or o	on a separate sheet)
9					Problematic Hydrophytic	c Vegetation¹ (Explain)
10					1	
Woody Vine Stratum (Plot size: 30 ft r )	95%	= Total	l Cove	r	<sup>1</sup> Indicators of hydric soil and be present, unless disturbed	
1					Hydrophytic	
2					Vegetation Present? Yes	No
Remarks: (Include photo numbers here or on a separate s		= Total	I Cove	r		
	-	on :-				
A preponderance of hydrophytic ve	getatio	UII IS	bre	sent		

SOIL Sampling Point: 1-T

Profile Desc	cription: (Describe	e to the de	pth needed to docu	ment the	indicator	or confir	m the absence of in	dicators.)
Depth	Matrix			ox Feature		. 2		
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup> _	_Loc <sup>2</sup>	Texture	Remarks
0-5	10YR 4/2	_ <u>100</u>					Silt Loam	
5-20	10YR 5/2	_ <u>85</u>	10YR 4/6	_ <u>15</u>	_ <u>C</u>	<u>M</u>	Sandy Clay Loam	
-								
-								
<u> </u>								
17			4-Deduced Metric N				21 t' DI -	- Daniel Lining Maddelin
Hydric Soil		pletion, Riv	M=Reduced Matrix, N	15=Maske	a Sana Gr	ains.		Problematic Hydric Soils <sup>3</sup> :
Histosol			Sandy	Gleyed M	atrix (S4)			e Redox (A16)
I —	pipedon (A2)			Redox (S			Dark Surfac	
	Black Histic (A3) Stripped Matrix (S6)  Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1)						Iron-Manga	nese Masses (F12)
	Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Stratified Layers (A5) Loamy Gleyed Matrix (F2)					w Dark Surface (TF12)		
_	, , ,			-			Other (Expl	ain in Remarks)
I —	ıck (A10) d Below Dark Surfa	00 (011)		ed Matrix Dark Surf				
ı — ·	ark Surface (A12)	Ce (ATT)			urface (F7)	)	3Indicators of hy	ydrophytic vegetation and
1	flucky Mineral (S1)			Depression		,		rology must be present,
	icky Peat or Peat (	S3)	_					rbed or problematic.
Restrictive	Layer (if observed	):						
Type:							Hydric Soil Pres	ent? Yes No
Depth (in	ches):						nyunc son Fres	entr res No
Remarks:							•	
The soi	l profile mee	ets the	criteria for h	naving	a dep	leted	matrix	
HYDROLO	GY							
	drology Indicators	i:						
1			uired; check all that a	(vlgg			Secondary In	dicators (minimum of two required)
	Water (A1)			ained Lea	ves (B9)			Soil Cracks (B6)
_	ater Table (A2)			auna (B1	` '		_	Patterns (B10)
Saturation				atic Plants			Dry-Seas	son Water Table (C2)
Water M	larks (B1)		Hydroger	n Sulfide C	dor (C1)		Crayfish	Burrows (C8)
Sedimer	nt Deposits (B2)		X Oxidized	Rhizosph	eres on Liv	ing Roots	(C3) Saturatio	n Visible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence	of Reduc	ed Iron (C	4)	_	or Stressed Plants (D1)
-	at or Crust (B4)		Recent Ir			d Soils (C		phic Position (D2)
	posits (B5)		Thin Muc		. ,		✓ FAC-Neu	ıtral Test (D5)
	on Visible on Aerial				. ,			
	y Vegetated Conca	ve Surface	(B8) Other (Ex	cplain in R	emarks)			
Field Obser		V	No Depth (ii					
Surface Wat			No Depth (ii					
Water Table							land Underland Dra	sent? Yes No
Saturation P (includes car	oillary fringe)		No Depth (in					sent? Yes No
Describe Re	corded Data (strear	m gauge, n	nonitoring well, aerial	photos, p	revious ins	pections)	, if available:	
Remarks:								
Multiple	indicators	of wet	and hydrolo	av we	re pres	sent a	t the time of	sampling
		· · ·		J,	. 5 p. 00	. J C G		Bi3

Project/Site: AEP North Delphos - Rockhill	(	City/Co	ounty: Lima		te: 2021-06-30
Applicant/Owner: AEP					int: 1-T/U UPL
Investigator(s): J. Holmes E. Wilson	\$	Section	n, Township	o, Range: S013 T003 R006	
Landform (hillslope, terrace, etc.): Upland, Flat			Local r	elief (concave, convex, none): None	
Slope (%): 1 Lat: 40.781068	ו	Long:	-84.1187	766 Datum: WG	S 84
Soil Map Unit Name:Gwg5B2				NWI classification: N/A	
Are climatic / hydrologic conditions on the site typical for this	time of year	ar? Ye	_		
Are Vegetation, Soil, or Hydrology si	gnificantly of	disturb	ed?	Are "Normal Circumstances" present? Yes	No
Are Vegetation, Soil, or Hydrology na	-			(If needed, explain any answers in Remarks	
SUMMARY OF FINDINGS – Attach site map s				nt locations, transects, importan	t features, etc.
Hydrophytic Vegetation Present? Yes No	· _ <b>/</b> _				
Hydric Soil Present? Yes No	·		Is the Sam	•	,
Wetland Hydrology Present? Yes No	·		within a W	etland? Yes No	
Remarks:					
Representative of existing ROW.					
<b>VEGETATION</b> – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r	Absolute % Cover		inant Indica ies? Stat		
1				- Number of Dominant Species	(A)
2				Total Number of Dominant	
3					(B)
4				Percent of Dominant Species	
5				— That Are OBL, FACW, or FAC: 0	(A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Tota	il Cover	Prevalence Index worksheet:	
1				_	ultiply by:
2				OBL species 0 x 1 = 0	
3					
4				FAC species 0 x 3 = 0	
5				FACU species 90 x 4 = 10 x 5 = 10	
Herb Stratum (Plot size: 5 ft r )		= Tota	ll Cover	UPL species $\frac{10}{100}$ x 5 = $\frac{1}{100}$ (A)	
1. Dactylis glomerata	40		FAC	U	
2. Phleum pratense	20			— I	
3. Solidago canadensis	20			—   ··, ···   ·· , ···	
4. Dipsacus Iaciniatus	10		<u>UPL</u>	1 - Rapid Test for Hydrophytic Ve	egetation
5. Lolium perenne	10		FAC	U 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹	
6				3 - Prevalence index is \$3.0 4 - Morphological Adaptations <sup>1</sup> (F	Provide supporting
7				data in Remarks or on a sepa	rate sheet)
8 9				Problematic Hydrophytic Vegetat	ion¹ (Explain)
10.				_ _	
Woody Vine Stratum (Plot size: 30 ft r	100%	= Tota	l Cover	<sup>1</sup> Indicators of hydric soil and wetland be present, unless disturbed or proble	
1				Hydrophytic	
2				Vegetation	· /
		= Tota	l Cover	Present? Yes No	'——
Remarks: (Include photo numbers here or on a separate s	,				
A preponderance of hydrophytic ve	getatio	on is	s not pr	esent	

SOIL Sampling Point: 1-T/U UPL

Profile Description: (Describe to the depth	needed to document the indicator or o	confirm the absence of indicators.)
Depth Matrix	Redox Features	
(inches) Color (moist) %	Color (moist)	oc² Texture Remarks
_ <b>0-16</b> _ <u>10YR 4/3</u> _ <u>100</u> _		Sandy Clay Loam
-		
-		
<del></del>		
<del>-</del>		
<u>-</u>		
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=R	educed Matrix, MS=Masked Sand Grains	2Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:	matrix, me matrix sum en ancient	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Sandy Gleyed Matrix (S4)	Coast Prairie Redox (A16)
Histic Epipedon (A2)	Sandy Redox (S5)	Dark Surface (S7)
Black Histic (A3)	Stripped Matrix (S6)	Iron-Manganese Masses (F12)
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1)	Very Shallow Dark Surface (TF12)
Stratified Layers (A5)	Loamy Gleyed Matrix (F2)	Other (Explain in Remarks)
2 cm Muck (A10)	Depleted Matrix (F3)	
Depleted Below Dark Surface (A11)	Redox Dark Surface (F6)	3to the state of the development of the state of
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	<sup>3</sup> Indicators of hydrophytic vegetation and
5 cm Mucky Peat or Peat (S3)	Redox Depressions (F8)	wetland hydrology must be present, unless disturbed or problematic.
Restrictive Layer (if observed):		unless disturbed of problematic.
Type:		
Depth (inches):	_	Hydric Soil Present? Yes No
Remarks:	<del>_</del>	
The soil profile does not me	et the criteria for any hy	dric soil indicators
HYDROLOGY		
Wetland Hydrology Indicators:		
Primary Indicators (minimum of one is required	d; check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)
Saturation (A3)	True Aquatic Plants (B14)	Dry-Season Water Table (C2)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2)	Oxidized Rhizospheres on Living	Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3)	Presence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4)	Recent Iron Reduction in Tilled So	pils (C6) Geomorphic Position (D2)
Iron Deposits (B5)	Thin Muck Surface (C7)	FAC-Neutral Test (D5)
Inundation Visible on Aerial Imagery (B7)	Gauge or Well Data (D9)	
Sparsely Vegetated Concave Surface (B8	Other (Explain in Remarks)	
Field Observations:	•	
Surface Water Present? Yes No	Depth (inches):	
	Depth (inches):	
(includes capillary fringe)	Depth (inches):	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, moni		
No primary and or secondary wetland	nydrology indicators were prese	ent at the time of sampling
Remarks:		
Tromano.		
Nonano.		
romano.		
Tromano.		

Project/Site: AEP North Delphos - Rockhill	(	City/Cou	<sub>ınty:</sub> <u>Lima</u> / <b>A</b>	Allen	Sampling Date: 2021-06-30
Applicant/Owner: AEP					Sampling Point: 1-U
Investigator(s): J. Holmes E. Wilson	;	Section,	Township, Ra	nge:S013 T00	)3 R006
Landform (hillslope, terrace, etc.): Depression			_ Local relief	(concave, convex, none):	Concave
Slope (%): 1 Lat: 40.781387	ا	Long: _	84.119005		Datum: WGS 84
Soil Map Unit Name:SkA				NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Yes	No _	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly	disturbe	d? Are "	'Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally pro	blematic	? (If ne	eded, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	samp	ling point le	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No			s the Sampled		M-
Wetland Hydrology Present? Yes   ✓ No	<u>'</u>	, v	vithin a Wetlar	nd? Yes	No
Remarks:	_				
Wetland in existing ROW depression	1.				
<b>VEGETATION</b> – Use scientific names of plants.					
	Absolute		ant Indicator	Dominance Test works	
1				Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	ant
3				Species Across All Strat	ta: <u>2</u> (B)
4.       5.				Percent of Dominant Sp	
			Cover	That Are OBL, FACW, o	(***,
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index work	
1				Total % Cover of: OBL species 85	Multiply by: x 1 = 85
2 3					x 2 = 0
4					x 3 = 0
5					x 4 = 0
				UPL species 5	x 5 = 25
Herb Stratum (Plot size: 5 ft r   )	50		OBL	Column Totals: 90	(A) <u>110</u> (B)
2. Eupatorium perfoliatum	25		OBL	Prevalence Index	= B/A = <u>1.2</u>
3. Glyceria striata	10		OBL	Hydrophytic Vegetatio	
4. Dipsacus laciniatus	5		UPL	✓ 1 - Rapid Test for H	
5.				✓ 2 - Dominance Tes	t is >50%
6.				✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>
7					daptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8					phytic Vegetation <sup>1</sup> (Explain)
9					mytto vogetation (Explain)
10	90%				and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	3070	= Total	Cover	be present, unless distu	rbed or problematic.
1				Hydrophytic	
2			Cover	Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate si		- Total	COVEI	l	
A preponderance of hydrophytic ve		nn ie	nresent		
, t proportional of fry dropfry the ve	gotati	JII 13	Prodelic		

SOIL Sampling Point: 1-U

Profile Desc	cription: (Descri	oe to the de	oth needed to docu	ment the	indicator	or confir	m the absence of ir	ndicators.)
Depth	Matrix			x Feature				
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup> _	_Loc <sup>2</sup>		Remarks
0-5	10YR 4/2	<u>100</u>					Silt Loam	
5-20	10YR 5/1	85	10YR 4/6	<u> 15</u>	<u> </u>	<u>M</u>	Sandy Clay Loam	
-								
<u> </u>								
<del></del>								
		epletion, RM	I=Reduced Matrix, M	S=Maske	d Sand Gr	ains.		=Pore Lining, M=Matrix.
Hydric Soil			Candu	Olaved M	atrice (CA)			Problematic Hydric Soils <sup>3</sup> :
Histosol	oipedon (A2)			Gieyed ivi Redox (S	atrix (S4)		Coast Prair	rie Redox (A16) ce (S7)
	istic (A3)			d Matrix (	-			anese Masses (F12)
	en Sulfide (A4)				ineral (F1)			ow Dark Surface (TF12)
_	d Layers (A5)			-	latrix (F2)		Other (Exp	lain in Remarks)
_	ıck (A10)	(8.4.4)	Deplete					
ı —	d Below Dark Surf ark Surface (A12)	ace (A11)	_	Dark Surf	ace (F6) urface (F7)	`	<sup>3</sup> Indicators of h	ydrophytic vegetation and
ı —	lucky Mineral (S1	)		Depression		,		drology must be present,
ı — ·	icky Peat or Peat				( -,			urbed or problematic.
Restrictive	Layer (if observe	d):						
Type:							Undria Cail Brea	sent? Yes No
Depth (in	ches):						Hydric Soil Pres	sent? Yes No
Remarks:							_	
The soi	l profile me	ets the	criteria for h	aving	a dep	leted	matrix	
HYDROLO	GY							
Wetland Hy	drology Indicato	rs:						
1			ired; check all that a	pply)			Secondary In	ndicators (minimum of two required)
Surface	Water (A1)		Water-Sta	ained Lea	ves (B9)		Surface	Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic F	auna (B1	3)		Drainage	e Patterns (B10)
Saturation	on (A3)		True Aqua	atic Plants	s (B14)		Dry-Seas	son Water Table (C2)
Water M	larks (B1)		Hydrogen					Burrows (C8)
I —	nt Deposits (B2)		X Oxidized					on Visible on Aerial Imagery (C9)
-	posits (B3)				ed Iron (C	*		or Stressed Plants (D1)
ı —	at or Crust (B4)				tion in Tille	d Soils (C		phic Position (D2)
ı —	oosits (B5) on Visible on Aeri	al Imagany (F	Thin Mucl 37) Gauge or				FAC-Nei	utral Test (D5)
_	y Vegetated Conc		<i>,</i> — ,		. ,			
Field Obser		ave ourrace	(Bo) Other (Ex	plaiiriiri	emarks <sub>/</sub>			
Surface Wat		Yes	No Depth (in	ches):				
Water Table			No Depth (in					
Saturation P			No Depth (in				tland Hydrology Pre	esent? Yes No
(includes cap	oillary fringe)		onitoring well, aerial					
Remarks:								
	• • •					_		,,
Multiple	indicators	of wetl	and hydrolog	gy we	re pres	sent a	t the time of	sampling

Project/Site: AEP North Delphos - Rockhill		City/Cou	<sub>ınty:</sub> Lima / <b>F</b>	Allen 	Sampling Date: 20	)21-06-30
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-	V/W/X UPL
Investigator(s): J. Holmes E. Wilson		Section,	, Township, Rar	nge: S013 T0	03 R006	
Landform (hillslope, terrace, etc.): Upland, Flat						
Soil Map Unit Name:Blg1B1				NWI classific		
Are climatic / hydrologic conditions on the site typical for this	time of ves	r? Yes				
Are Vegetation, Soil, or Hydrology si				Normal Circumstances" p		No
Are Vegetation, Soil, or Hydrology na	-			eded, explain any answe		_ 110
SUMMARY OF FINDINGS – Attach site map s						tures. etc.
Hydrophytic Vegetation Present? Yes No			g po		,	
Hydric Soil Present? Yes No	~ ~	ls	s the Sampled	Area		
Wetland Hydrology Present? Yes No		v	vithin a Wetlan	d? Yes	No	
Remarks:						
Representative of existing ROW.						
. Topi coomani g						
<b>VEGETATION</b> – Use scientific names of plants.						
20.55 %	Absolute		ant Indicator	Dominance Test work	sheet:	
			es? Status	Number of Dominant S		443
1				That Are OBL, FACW,	or FAC: 0	(A)
3.				Total Number of Domin Species Across All Stra		(B)
4				Species Across Ali Stra	ita: <u>5</u>	(b)
5				Percent of Dominant Sp That Are OBL, FACW,		(A/B)
15.64		= Total	Cover			(////
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index wor		
1				Total % Cover of:	$\frac{\text{Multiply b}}{x \cdot 1 = 0}$	<u>) y:</u>
2					x = 0 $x = 0$	
3 4					x 3 = 0	
5.				FACU species 90		
		= Total	Cover		x 5 = 50	
Herb Stratum (Plot size: 5 ft r )	40	,	FACU	Column Totals: 100	(A) <u>410</u>	(B)
1. Phleum pratense	40 20	<del>/</del>	- FACU	Prevalence Index	- B/A - 41	
2. Dactylis glomerata 3. Solidago canadensis	20		— FACU	Hydrophytic Vegetation		
4. Dipsacus laciniatus	10		TAGG	1 - Rapid Test for h		ion
5. Lolium perenne	10		FACU	2 - Dominance Tes		
6				3 - Prevalence Inde		
7					Adaptations <sup>1</sup> (Provide	
8.					s or on a separate sh	,
9				Problematic Hydro	phytic Vegetation (E	explain)
10				<sup>1</sup> Indicators of hydric soi	il and wetland hydrol	logy must
Woody Vine Stratum (Plot size: 30 ft r	100%_	= Total	Cover	be present, unless distu		
1				Hydrophytic		
2				Vegetation Present? Ye	s No	
		= Total	Cover	rieseitr te	- NO	
Remarks: (Include photo numbers here or on a separate s	,					
A preponderance of hydrophytic ve	egetatio	on is	not prese	ent		

Soll Sampling Point: 1-V/W/X UPL

Profile Description: (Describe to the de	pth needed to document the indicator or o	confirm the absence of indicators.)
Depth Matrix	Redox Features	
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> L	_oc² Texture Remarks
0 - 6 10YR 4/3 100		Sandy Clay Loam
-		
	·	
-		
-		
	I=Reduced Matrix, MS=Masked Sand Grains	
Hydric Soil Indicators:		Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Sandy Gleyed Matrix (S4)	Coast Prairie Redox (A16)
Histic Epipedon (A2)	Sandy Redox (S5)	Dark Surface (S7)
Black Histic (A3)	Stripped Matrix (S6)	Iron-Manganese Masses (F12)
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1)	Very Shallow Dark Surface (TF12)
Stratified Layers (A5) 2 cm Muck (A10)	Loamy Gleyed Matrix (F2) Depleted Matrix (F3)	Other (Explain in Remarks)
Depleted Below Dark Surface (A11)	Redox Dark Surface (F6)	
Thick Dark Surface (A12)	Depleted Dark Surface (F7)	<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Redox Depressions (F8)	wetland hydrology must be present,
5 cm Mucky Peat or Peat (S3)		unless disturbed or problematic.
Restrictive Layer (if observed):		
Type:		
Depth (inches):		Hydric Soil Present? Yes No
Remarks:	<del></del>	
HYDROLOGY		
Wetland Hydrology Indicators:		
Primary Indicators (minimum of one is requ	uired; check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)
Saturation (A3)	True Aquatic Plants (B14)	Dry-Season Water Table (C2)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2)		Roots (C3) Saturation Visible 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)	FAC-Neutral Test (D5)
Inundation Visible on Aerial Imagery (I	Gauge or Well Data (D9)	
Sparsely Vegetated Concave Surface	(B8) Other (Explain in Remarks)	
Field Observations:		
Surface Water Present? Yes	No Depth (inches):	
	No Depth (inches):	
	No Depth (inches):	Wetland Hydrology Present? Yes No
(includes capillary fringe)		
Describe Recorded Data (stream gauge, n	nonitoring well, aerial photos, previous inspec	ctions), if available:
No primary and or secondary wetla	and hydrology indicators were prese	ent at the time of sampling
Remarks:		
110111011101		

Project/Site: AEP North Delphos - Rockhill Delineat	tion c	city/County	r: <u>Lima/All</u>	en	Sampling Date: 2021-06-30
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-V
Investigator(s): E. Wilson, J. Holmes	8	Section, To	wnship, Rar	nge: S013, T0	03, R006
				(concave, convex, none):	
Slope (%): 1 Lat: 40.7816040	[	.ong: <u>-</u> 84	.1192914		Datum: WGS 84
Soil Map Unit Name: Gwg1B1				NWI classifica	ation: None
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	✓ No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology sig	gnificantly d	listurbed?	Are "l	Normal Circumstances" pr	resent? Yes No
Are Vegetation, Soil, or Hydrology na				eded, explain any answer	
SUMMARY OF FINDINGS - Attach site map s	howing	samplin	g point k	ocations, transects,	important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No			ne Sampled		
Wetland Hydrology Present? Yes <u>✓</u> No		with	nin a Wetlan	id? Yes	No
Remarks:	•				
PEM wetland within ROW in depress	sion.				
<b>VEGETATION</b> – Use scientific names of plants.					
00 ft	Absolute % Cover		Indicator	Dominance Test works	
1				Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	ant
3				Species Across All Strate	0
4				Percent of Dominant Spe	
5				That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		- Total Co	vei .	Prevalence Index work	sheet:
1				Total % Cover of:	
2				1	x 1 = <u>35</u>
3					x 2 = <u>140</u>
4					x 3 = 0
5					x 4 = 0
Herb Stratum (Plot size: 5 ft r )		= Total Co	ver	UPL species 5	
1. Lysimachia ciliata	35	✓	FACW	Column Totals: 110	(A) <u>200</u> (B)
Scirpus atrovirens	25		OBL	Prevalence Index	= B/A = <u>1.8</u>
3. Carex vulpinoidea	20		FACW	Hydrophytic Vegetation	n Indicators:
4. Carex gynandra	15		FACW	✓ 1 - Rapid Test for H	ydrophytic Vegetation
5. Carex stricta	10		OBL	✓ 2 - Dominance Test	
6. Dipsacus laciniatus	5		UPL	✓ 3 - Prevalence Inde	
7					daptations <sup>1</sup> (Provide supporting or on a separate sheet)
8					hytic Vegetation <sup>1</sup> (Explain)
9					Try to Vogetation (Explain)
10	110%			<sup>1</sup> Indicators of hydric soil	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r	110%	= Total Co	ver	be present, unless distur	rbed or problematic.
1				Hydrophytic	
2.				Vegetation	No
		= Total Co	ver	Present? Yes	, NO
Remarks: (Include photo numbers here or on a separate sh	neet.)				
Hydrophytic vegetation is present.					

SOIL Sampling Point: 1-V

Profile Desc	cription: (Describe	to the dept	h needed to docu	ment the	indicator	or confir	m the absence of ir	ndicators.)
Depth	Matrix			ox Feature		. 2		
(inches)	Color (moist)	%	Color (moist)	_ <u>_</u> %	Type <sup>1</sup>	_Loc²	Texture	Remarks
0-20	10YR 3/2	_ <u>95</u>	10YR 5/3	_ <u>5</u>	_ <u>C</u>	<u> M</u>	Clay Loam	
<u> </u>								
-								
<u> </u>								
1								
Hydric Soil	oncentration, D=De	pletion, RM=	Reduced Matrix, M	S=Maske	d Sand Gr	rains.		.=Pore Lining, M=Matrix.  Problematic Hydric Soils <sup>3</sup> :
'			Candy	Clayed M	atrix (CA)			•
Histosol	pipedon (A2)			Gleyed M Redox (S			Coast Prair	rie Redox (A16) ce (S7)
	istic (A3)			d Matrix (			_	anese Masses (F12)
	en Sulfide (A4)				ineral (F1)			ow Dark Surface (TF12)
I —	d Layers (A5)				latrix (F2)		Other (Exp	lain in Remarks)
_	uck (A10)	(8.4.4)		ed Matrix				
I — ·	d Below Dark Surfa ark Surface (A12)	ce (A11)		Dark Surf	ace (F6) urface (F7	`	3Indicators of h	ydrophytic vegetation and
	Mucky Mineral (S1)			Depression	-	,		drology must be present,
I — ·	ucky Peat or Peat (S	33)			( - /			urbed or problematic.
Restrictive	Layer (if observed)	):						
Type: N	/A						Undria Cail Dea	sent? Yes No
Depth (in	ches):						Hydric Soil Pres	sent? Yes No
Remarks:							'	
Hyarics	soils are pre	esent.						
HYDROLO	GY							
Wetland Hy	drology Indicators	:						
Primary India	cators (minimum of	one is require	ed; check all that a	pply)			Secondary Ir	ndicators (minimum of two required)
Surface	Water (A1)		Water-Sta	ained Lea	ves (B9)		Surface	Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic F	auna (B13	3)		Drainage	e Patterns (B10)
Saturation	on (A3)		True Aqu	atic Plants	s (B14)		Dry-Sea	son Water Table (C2)
	larks (B1)		Hydrogen					Burrows (C8)
I —	nt Deposits (B2)		✓ Oxidized			-	—	on Visible on Aerial Imagery (C9)
1	posits (B3)		Presence		•	,	_	or Stressed Plants (D1)
ı —	at or Crust (B4) posits (B5)		Recent Ire			ed Solls (C		phic Position (D2) utral Test (D5)
ı —	on Visible on Aerial	Imagery (B7	Thin Muc ) Gauge or		, ,		V FAC-NE	uttai Test (D3)
I	y Vegetated Concav				. ,			
Field Obser		(_						
Surface Wat	er Present?	Yes N	lo Depth (ir	nches):				
Water Table			lo Depth (ir					
Saturation P	resent?		lo Depth (ir				land Hydrology Pro	esent? Yes No
	pillary fringe) corded Data (strear	n gauge, moi	nitoring well, aerial	photos, p	revious in:	spections)	, if available:	
D								
Remarks:				l	L • •	l		
Hydrolo	gy indicator	s are pr	esent throu	ugnou	t wetla	and		

Project/Site: AEP North Delphos - Rockhill	(	City/Cou	<sub>ınty:</sub> <u>Lima</u> / 🗗	Allen 	Sampling Date: 2021-06-30
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-W
Investigator(s): J. Holmes E. Wilson	{	Section,	, Township, Rai	nge: S013 T003	3 R006
Landform (hillslope, terrace, etc.): Depression			Local relief	(concave, convex, none):	Concave
Slope (%): 1 Lat: 40.781924	ι	ong: _	84.119417		Datum: WGS 84
Soil Map Unit Name:Blg1B1				NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	s No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly d	disturbe	ed? Are "	'Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	blematic	c? (If ne	eded, explain any answer	s in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	samp	ling point l	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No	,				
Hydric Soil Present? Yes No			s the Sampled		No
Wetland Hydrology Present? Yes <u>✓</u> No Remarks:	<u>' — — — </u>		vithin a Wetlan	id? Tes	
	_				
Wetland in existing ROW depression	1.				
<b>VEGETATION</b> – Use scientific names of plants.					
00 tt			nant Indicator	Dominance Test works	
1				Number of Dominant Sp That Are OBL, FACW, of	
2				Total Number of Domina	ant
3				Species Across All Stra	•
4				Percent of Dominant Sp	
5			Cover	That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		rotar	00101	Prevalence Index work	sheet:
1				Total % Cover of:	
2					$x 1 = \frac{60}{70}$
3 4					$x = \frac{0}{0}$
5					x 4 = 0
			Cover		x 5 = 25
Herb Stratum (Plot size: 5 ft r )  1. Carex Iupulina	60	1	OBL	Column Totals: 100	(A) <u>155</u> (B)
2. Impatiens capensis	25			Prevalence Index	= B/A = <u>1.6</u>
3. Phalaris arundinacea	10		FACW	Hydrophytic Vegetatio	
4. Dipsacus Iaciniatus	5		UPL	✓ 1 - Rapid Test for H	lydrophytic Vegetation
5				✓ 2 - Dominance Tes	t is >50%
6				✓ 3 - Prevalence Inde	
7					daptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8				Problematic Hydrop	ohytic Vegetation¹ (Explain)
9					
	100%	= Total	Cover	<sup>1</sup> Indicators of hydric soil be present, unless distu	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )				be present, unless distu	Thed of problematic.
1				Hydrophytic	
2			Cover	Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate si		- TOTAL	00461	<u> </u>	
A preponderance of hydrophytic ve	-	nn ie	nresent		
, the spondorance of flydrophytic ve	gotatic	,,,,	procent		

SOIL Sampling Point: 1-W

Profile Desc	ription: (Describ	e to the de	pth needed to docu	ment the	indicator	or confir	m the absence of ind	icators.)
Depth	Matrix			ox Feature		. 2		
(inches)	Color (moist)	%	Color (moist)	%	Type¹_	_Loc <sup>2</sup>	Texture	Remarks
0-5	10YR 5/2	_ <u>95</u>	10YR 4/6				Silt Loam	
5-20	10YR 5/1	<u>85</u>	10YR 4/6	<u> 15</u>	_ <u>C</u>	<u>M</u>	Sandy Clay Loam	
-								
1- 0.0							2,	
Hydric Soil		epletion, RI	M=Reduced Matrix, M	S=Maske	d Sand Gr	ains.		Pore Lining, M=Matrix.  roblematic Hydric Soils³:
Histosol			Sandy	Gleyed M	atriv (SA)			Redox (A16)
I —	oipedon (A2)			Redox (S			Dark Surface	
	istic (A3)			d Matrix (			_	ese Masses (F12)
Hydroge	en Sulfide (A4)		Loamy	Mucky M	ineral (F1)		Very Shallow	Dark Surface (TF12)
_	d Layers (A5)			-	latrix (F2)		Other (Expla	in in Remarks)
_	ick (A10)	(844)		ed Matrix				
	d Below Dark Surfa ark Surface (A12)	ice (A11)		Dark Surf	ace (F6) urface (F7)		3Indicators of hy	drophytic vegetation and
1	Mucky Mineral (S1)			Depression		'		plogy must be present,
	ıcky Peat or Peat (	S3)	_					bed or problematic.
Restrictive	Layer (if observed	i):						
Type:							Hydric Soil Prese	ent? Yes No
Depth (in	ches):						Hydric Soil Prese	ent? Yes NO
Remarks:							'	
HYDROLO								
1	drology Indicators		des de els els ell dis et e				0	:
		one is req	uired; check all that a		(DO)			icators (minimum of two required)
_	Water (A1) ater Table (A2)		Water-Sta		, ,		_	oil Cracks (B6) Patterns (B10)
Saturation			Aquatic F True Aqu					on Water Table (C2)
Water M			Hydrogen		` '		Crayfish B	` '
I —	nt Deposits (B2)		X Oxidized			ing Roots		Visible on Aerial Imagery (C9)
	posits (B3)				ed Iron (C4			Stressed Plants (D1)
Algal Ma	at or Crust (B4)		Recent Ir	on Reduct	tion in Tille	d Soils (C	6) <u>✓</u> Geomorph	ic Position (D2)
Iron Dep	oosits (B5)		Thin Muc	k Surface	(C7)		✓ FAC-Neut	ral Test (D5)
Inundati	on Visible on Aeria	Imagery (	, <u> </u>					
	y Vegetated Conca	ve Surface	(B8) Other (Ex	plain in R	emarks)			
Field Obser								
Surface Wat			No Depth (ir					
Water Table			No Depth (ir					
Saturation P (includes cap Describe Re	oillary fringe)		No Depth (ir					ent? Yes No
	(	3 3 , .	<b>3</b> , 23	, , P		, ,		
Remarks:								
Multinle	indicators	of wet	land hydrolog	av ve	re nres	ent a	t the time of s	sampling
	maioators	J. 7701		97 440	o proc	, 5, 1t a		on bing

Project/Site: AEP North Delphos - Rockhill	C	City/Count	<sub>y:</sub> <u>Lima</u> / 🗗	Allen	Sampling Date: 2021-06-30
Applicant/Owner: AEP					Sampling Point: 1-X
Investigator(s): J. Holmes E. Wilson	8	Section, T	ownship, Rar	nge: S013 T0	)03 R006
Landform (hillslope, terrace, etc.): Depression					
Slope (%): 1 Lat: 40.781897		.ong: _ <b>-8</b> 4	4.119593		Datum: WGS 84
Soil Map Unit Name: Blg1B1				NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes _	✓ No_	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly d	listurbed?	Are "	Normal Circumstances" pi	resent? Yes No
Are Vegetation, Soil, or Hydrology na				eded, explain any answer	
SUMMARY OF FINDINGS - Attach site map s				ocations, transects,	important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No			he Sampled		
Wetland Hydrology Present? Yes ✓ No		wit	hin a Wetlan	id? Yes	No
Remarks:					
Wetland in existing ROW depression	ı.				
<b>VEGETATION</b> – Use scientific names of plants.					
00 ft	Absolute % Cover		t Indicator Status	Dominance Test works	
1				Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	ant
3				Species Across All Strat	•
4				Percent of Dominant Sp	ecies
5				That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total Co	over	Prevalence Index work	sheet:
1				Total % Cover of:	
2					x 1 = <u>85</u>
3					x 2 = 0
4				· ·	x 3 = 0
5					$     \begin{array}{r}                                     $
Herb Stratum (Plot size: 5 ft r )		= Total Co	over	UPL species 5 Column Totals: 100	(A) $150$ (B)
1. Juncus effusus	60		OBL		
2. Eupatorium perfoliatum	25		OBL	Prevalence Index	
3. Solidago canadensis	10		FACU	Hydrophytic Vegetatio	
4. Dipsacus Iaciniatus	5		UPL	1 - Rapid Test for H	
5				✓ 2 - Dominance Test ✓ 3 - Prevalence Inde	
6				l —	daptations <sup>1</sup> (Provide supporting
7 8				data in Remarks	or on a separate sheet)
9				Problematic Hydrop	hytic Vegetation¹ (Explain)
10					
Woody Vine Stratum (Plot size: 30 ft r )	100%	= Total Co	over	<sup>1</sup> Indicators of hydric soil be present, unless distu	and wetland hydrology must rbed or problematic.
1				Hydrophytic	
2				Vegetation	s No
		= Total Co	over	Present? Yes	NO
Remarks: (Include photo numbers here or on a separate si	neet.)				
A preponderance of hydrophytic ve	getatio	n is p	resent		
		-			

SOIL Sampling Point: 1-X

Profile Desc	cription: (Describe	to the de				or confi	rm the absence of i	ndicators.)
Depth (inches)	Matrix Color (moist)	%	Color (moist)	ox Feature %	es Type <sup>1</sup>	Loc²	Texture	Remarks
0 - 5	10YR 5/2	-	10YR 4/6		_ <u> </u>		Silt Loam	Remarks
——								
<u>5-20</u>	10YR 5/1	_ <u>85</u>	10YR 4/6	_ <u>15</u>	_ <u>C</u>	<u>M</u>	Sandy Clay Loam	
<u> </u>								
-								
17							21	-Description Manager
Hydric Soil		pletion, Kiv	M=Reduced Matrix, N	15=Maske	ed Sand Gr	ains.		_=Pore Lining, M=Matrix.  Problematic Hydric Soils <sup>3</sup> :
Histosol			Sandy	Glaved M	latrix (S4)			rie Redox (A16)
I —	pipedon (A2)			Redox (S			Dark Surfa	
	istic (A3)			ed Matrix (				anese Masses (F12)
	en Sulfide (A4)				ineral (F1)			ow Dark Surface (TF12)
ı —	d Layers (A5)			-	Natrix (F2)		Other (Exp	lain in Remarks)
_	uck (A10)	(4.4.4)		ed Matrix				
	d Below Dark Surfa	ce (A11)	_	Dark Sur	tace (F6) Surface (F7	`	3Indicators of h	nydrophytic vegetation and
_	ark Surface (A12)  Mucky Mineral (S1)			Depressi		)		drology must be present,
	ucky Peat or Peat (S	S3)		Doprocon	0110 (1 0)			urbed or problematic.
	Layer (if observed							·
Type:								· · · · · · · · · · · · · · · · · · ·
Depth (in	ches):						Hydric Soil Pre	sent? Yes No
Remarks:								
HYDROLO	GY							
Wetland Hy	drology Indicators	:						
Primary Indi	cators (minimum of	one is requ	uired; check all that a	pply)			Secondary Ir	ndicators (minimum of two required)
_	Water (A1)			ained Lea	, ,		_	Soil Cracks (B6)
	ater Table (A2)			auna (B1				e Patterns (B10)
Saturati	` '			atic Plant	, ,		_ ′	son Water Table (C2)
ı —	flarks (B1)		Hydroger					Burrows (C8)
	nt Deposits (B2)				eres on Liv			on Visible on Aerial Imagery (C9)
l —	posits (B3)				ed Iron (C	,		or Stressed Plants (D1)
ı —	at or Crust (B4) posits (B5)				tion in Tille	a Solis (C		phic Position (D2) utral Test (D5)
ı —	ion Visible on Aerial	Imagery (	Thin Muc B7) Gauge or		, ,		V PAC-Ne	utiai Test (D3)
I —	y Vegetated Conca		, <u> </u>		. ,			
Field Obser			(23) 3.1.0. (2)	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- Ciriarito,			
Surface Wat		Yes	No Depth (ii	nches):				
Water Table			No Depth (ii					
Saturation P			No _ ✓ Depth (ii				tland Hydrology Pr	esent? Yes No
		n gauge, n	nonitoring well, aerial	photos, p	revious ins	spections	), if available:	
Dd.								
Remarks:		_						
Multiple	indicators of	of wetl	and hydrolog	gy we	re pres	sent a	it the time of	sampling
1								

Project/Site: AEP North Delphos - Rockhill Delineat	tion c	ity/County:	<u>Lima/All</u>		Sampling Date: 2021-06-30
Applicant/Owner: AEP					Sampling Point: 1-Y
Investigator(s): E. Wilson, J. Holmes	s	Section, Tov	wnship, Rar	nge:S013, T00	<u>33, R006</u>
Landform (hillslope, terrace, etc.): Depression					
Slope (%): 0 Lat: 40.7821446	L	.ong: <u>-</u> 84.	1197331		Datum: WGS 84
Soil Map Unit Name: Blg1B1				NWI classifica	ation: None
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly d	isturbed?	Are "	Normal Circumstances" pr	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	lematic?	(If ne	eded, explain any answer	s in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	sampling	g point lo	ocations, transects,	important features, etc.
Hydrophytic Vegetation Present? Yes No	)				
Hydric Soil Present? Yes No			e Sampled		
Wetland Hydrology Present? Yes   ✓ No	<u> </u>	withi	n a Wetlan	d? Yes	No
Remarks:	•				
PEM wetland within ROW in depress	sion.				
<b>VEGETATION</b> – Use scientific names of plants.					
Torra Otention (Diet sine) 30 ft r		Dominant		Dominance Test works	heet:
1				Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	
3 4				Species Across All Strat	a: <u>3</u> (B)
5				Percent of Dominant Sp That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size: 15 ft r )	=	Total Cov	er	Prevalence Index work	rsheet.
Sapling/Snrub Stratum (Plot size:)  1				Total % Cover of:	
2.					x 1 = 10
3.				FACW species 85	
4.				FAC species 0	x 3 = <u>0</u>
5					x 4 = <u>0</u>
that or a great 5 ft r	=	Total Cov	er		x 5 = 25
Herb Stratum (Plot size: 5 ft r )   Lysimachia ciliata	40	✓	FACW	Column Totals: 100	(A) <u>205</u> (B)
2. Solidago gigantea	25		FACW	Prevalence Index	= B/A = 2.1
3. Carex vulpinoidea	20	<b>✓</b>	FACW	Hydrophytic Vegetatio	n Indicators:
4. Carex Iurida	10		OBL	✓ 1 - Rapid Test for H	, , , , , , , , , , , , , , , , , , ,
5. Dipsacus laciniatus	5		UPL	2 - Dominance Test	
6				✓ 3 - Prevalence Inde	x is ≤3.0' daptations¹ (Provide supporting
7					or on a separate sheet)
8				Problematic Hydrop	ohytic Vegetation¹ (Explain)
9					
Woody Vine Stratum (Plot size: 30 ft r )	100%	Total Cov	er	<sup>1</sup> Indicators of hydric soil be present, unless distu	and wetland hydrology must rbed or problematic.
1				Hydrophytic	
2				Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate si		Total Cov	er	163	
	neer.)				
Hydrophytic vegetation is present.					

SOIL Sampling Point: 1-Y

		to the dep	th needed to docu			0. 00	ii tile abselice of i	ndicators.)
Depth (inches)	Color (moist)	%	Color (moist)	ox Feature %	Type <sup>1</sup>	Loc²	Texture	Remarks
0 - 20	10YR 3/1	95	10YR 5/4	- <u> </u>	C	M	Clay Loam	Komanko
			101110,1	- —				
-								
_								
		oletion, RM=	=Reduced Matrix, N	IS=Maske	d Sand Gr	ains.		L=Pore Lining, M=Matrix.
Hydric Soil								Problematic Hydric Soils <sup>3</sup> :
Histosol				Gleyed M				rie Redox (A16)
Black Hi	pipedon (A2)			Redox (S ed Matrix (			Dark Surfa	anese Masses (F12)
	n Sulfide (A4)				ineral (F1)			ow Dark Surface (TF12)
_ , ,	Layers (A5)			-	latrix (F2)			olain in Remarks)
2 cm Mu				ed Matrix				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Depleted	Below Dark Surfac	ce (A11)		Dark Surf				
Thick Da	rk Surface (A12)		Deplet	ed Dark S	urface (F7	)	<sup>3</sup> Indicators of I	nydrophytic vegetation and
	lucky Mineral (S1)		Redox	Depression	ons (F8)			drology must be present,
	cky Peat or Peat (S						unless dist	turbed or problematic.
	ayer (if observed)	:						
Type: <u>N</u>							Hydric Soil Pre	sent? Yes No
Donth (in	ches):						Tiyano com Tro	
Remarks:	soils are pre	sent.	<del>_</del>					
Remarks:		sent.						
Remarks:	soils are pre	sent.						
Remarks: Hydric s	soils are pre							
Remarks: Hydric s HYDROLO Wetland Hyd	soils are pre	:	red; check all that a	pply)			Secondary I	ndicators (minimum of two required)
Remarks: Hydric s HYDROLO Wetland Hyd	soils are pre	:		pply) ained Lea	ves (B9)		Surface	Soil Cracks (B6)
Remarks: Hydric s  HYDROLO Wetland Hyd Primary Indic Surface	GY drology Indicators eators (minimum of	:		ained Lea	, ,		Surface	
Remarks: Hydric s  HYDROLO Wetland Hyd Primary Indic Surface	GY drology Indicators eators (minimum of water (A1) ter Table (A2)	:	Water-Sta	ained Lea	3)		Surface  V Drainag	Soil Cracks (B6)
HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M	GY drology Indicators eators (minimum of a Water (A1) ter Table (A2) on (A3) arks (B1)	:	Water-Sta Aquatic F True Aqu Hydroger	ained Lea auna (B1) atic Plants Sulfide C	3) s (B14) Odor (C1)		Surface Drainag Dry-Sea Crayfish	Soil Cracks (B6) e Patterns (B10)
HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M	GY drology Indicators eators (minimum of water (A1) ter Table (A2) on (A3)	:	Water-Str Aquatic F True Aqu Hydroger ✓ Oxidized	ained Lea auna (B1) atic Plants Sulfide C Rhizosph	3) s (B14) Odor (C1) eres on Liv		Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9)
HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep	GY drology Indicators eators (minimum of a Water (A1) ter Table (A2) on (A3) arks (B1) arks (B1) to Deposits (B2) posits (B3)	:	Water-State Aquatic F True Aqu Hydroger ✓ Oxidized Presence	ained Lear fauna (B1) atic Plants Sulfide C Rhizosph of Reduc	3) s (B14) odor (C1) eres on Liv ed Iron (C	4)	Surface  Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
HYDROLO Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep	GY  drology Indicators eators (minimum of or	:	Water-State Aquatic F True Aqu Hydroger	ained Lear auna (B1) atic Plants a Sulfide C Rhizosph of Reduction Reduction	3) s (B14) odor (C1) eres on Liv ed Iron (C	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomore	Soil Cracks (B6) e Patterns (B10) uson Water Table (C2) uson Water Table (C2) uson Visible on Aerial Imagery (C9) or Stressed Plants (D1) uphic Position (D2)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hydric  Surface  High Wa  Saturatio  Water M  Sedimer  Drift Dep  Algal Ma  Iron Dep	GY  drology Indicators eators (minimum of an anter (A1) ter Table (A2) on (A3) earks (B1) earth Deposits (B2) drosits (B3) et or Crust (B4) osits (B5)	: one is requi	Water-Sta     Aquatic F     True Aqu     Hydroger     Oxidized     Presence     Recent In     Thin Muc	ained Lear fauna (B1) atic Plants a Sulfide C Rhizosph of Reduct on Reduct k Surface	B) B (B14) D dor (C1) Beres on Lived Iron (Ction in Tille	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomore	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hydric  Surface  High Wa  Saturatio  Water M  Sedimer  Drift Dep  Algal Ma  Iron Dep	GY  drology Indicators eators (minimum of an antors (minimum of an	: one is requi	— Water-Sta — Aquatic F — True Aqu — Hydroger ✓ Oxidized — Presence — Recent In — Thin Muc 7) — Gauge or	ained Lear fauna (B1) atic Plants a Sulfide C Rhizosph of Reduct on Reduct k Surface	B) B (B14) Door (C1) Beres on Lived Iron (Ction in Tille B (C7) B (D9)	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomore	Soil Cracks (B6) e Patterns (B10) uson Water Table (C2) uson Water Table (C2) uson Visible on Aerial Imagery (C9) or Stressed Plants (D1) uphic Position (D2)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hyd  Surface  High Wa  Saturatio  Water M  Sedimer  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely	GY  drology Indicators eators (minimum of an anomalogum) ter Table (A2) on (A3) arks (B1) at Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial	: one is requi	— Water-Sta — Aquatic F — True Aqu — Hydroger ✓ Oxidized — Presence — Recent In — Thin Muc 7) — Gauge or	ained Lear fauna (B1) atic Plants a Sulfide C Rhizosph of Reduct on Reduct k Surface	B) B (B14) Door (C1) Beres on Lived Iron (Ction in Tille B (C7) B (D9)	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomore	Soil Cracks (B6) e Patterns (B10) uson Water Table (C2) uson Water Table (C2) uson Visible on Aerial Imagery (C9) or Stressed Plants (D1) uphic Position (D2)
HYDROLO Wetland Hyd Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely	GY  drology Indicators eators (minimum of an anter (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) osits (B3) at or Crust (B4) osits (B5) on Visible on Aerial at Vegetated Concavivations:	: one is requi Imagery (B' re Surface (l	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7)  Gauge or  B8)  Other (Ex	ained Lear fauna (B1) atic Plants a Sulfide C Rhizospho of Reduct on Reduct k Surface Well Data splain in R	B) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomore	Soil Cracks (B6) e Patterns (B10) uson Water Table (C2) uson Water Table (C2) uson Visible on Aerial Imagery (C9) or Stressed Plants (D1) uphic Position (D2)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hyd  Primary Indic  Surface  High Wa  Saturatio  Water M  Sedimer  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely  Field Observators	GY  drology Indicators eators (minimum of of the Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B2) osits (B3) ot or Crust (B4) osits (B5) on Visible on Aerial of Vegetated Concavivations: er Present?	: one is requi Imagery (B' re Surface (I	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex	ained Lear fauna (B1) atic Plants a Sulfide C Rhizospho of Reduct on Reduct k Surface Well Data cplain in R	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  V Drainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomore	Soil Cracks (B6) e Patterns (B10) uson Water Table (C2) uson Water Table (C2) uson Visible on Aerial Imagery (C9) or Stressed Plants (D1) uphic Position (D2)
Remarks:  Hydric s  Hydric s  Hydrocs  Wetland Hydric Surface  High Water Manager Sedimer  Drift Deprimate Inundation  Sparsely  Field Obsert  Surface Water Water Table	GY  drology Indicators eators (minimum of an another (A1) ter Table (A2) on (A3) earks (B1) ent Deposits (B2) ent or Crust (B4) eosits (B5) ent Visible on Aerial every Vegetated Concavery vations: er Present?	: one is requi Imagery (B' e Surface (I	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in	ained Lear fauna (B1) atic Plants a Sulfide C Rhizosph of Reduct on Reduct k Surface Well Data cplain in R	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  Prainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomoi	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2) autral Test (D5)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hyd  Primary Indic  Surface  High Wa  Saturatio  Water M  Sedimer  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely  Field Observ  Surface Water  Water Table  Saturation Pe (includes cap	GY  drology Indicators eators (minimum of all water (A1) ter Table (A2) on (A3) arks (B1) arks (B1) arks (B3) at Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial vegetated Concav vations: er Present? Present?	Imagery (B e Surface (I es es	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in  No ✓ Depth (in	ained Lear fauna (B1) atic Plants a Sulfide C Rhizosph of Reduct on Reduct k Surface Well Data cplain in R aches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ad Soils (C	Surface  Prainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomon  FAC-Ne	Soil Cracks (B6) e Patterns (B10) uson Water Table (C2) uson Water Table (C2) uson Visible on Aerial Imagery (C9) or Stressed Plants (D1) uphic Position (D2)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hyd  Primary Indic  Surface  High Wa  Saturatio  Water M  Sedimer  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely  Field Observ  Surface Water  Water Table  Saturation Pe (includes cap	GY  drology Indicators eators (minimum of all water (A1) ter Table (A2) on (A3) arks (B1) arks (B1) arks (B3) at Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial vegetated Concav vations: er Present? Present?	Imagery (B e Surface (I es es	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in	ained Lear fauna (B1) atic Plants a Sulfide C Rhizosph of Reduct on Reduct k Surface Well Data cplain in R aches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ad Soils (C	Surface  Prainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomon  FAC-Ne	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2) autral Test (D5)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hyd  Primary Indic  Surface  High Wa  Saturatio  Water M  Sedimer  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely  Field Observ  Surface Water  Water Table  Saturation Pe (includes cap	GY  drology Indicators eators (minimum of all water (A1) ter Table (A2) on (A3) arks (B1) arks (B1) arks (B3) at Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial vegetated Concav vations: er Present? Present?	Imagery (B e Surface (I es es	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in  No ✓ Depth (in	ained Lear fauna (B1) atic Plants a Sulfide C Rhizosph of Reduct on Reduct k Surface Well Data cplain in R aches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ad Soils (C	Surface  Prainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomon  FAC-Ne	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2) autral Test (D5)
Remarks:  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hydric  Surface  High Wa  Saturatio  Water M  Sedimer  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely  Field Obser  Surface Water  Water Table  Saturation Proportion of the complete	GY  drology Indicators sators (minimum of an ators	Imagery (B're Surface (I	Water-Sta  — Aquatic F — True Aqu — Hydroger ✓ Oxidized — Presence — Recent In — Thin Muc 7) — Gauge or B8) — Other (Ex No ✓ Depth (in No ✓ Depth (in No ✓ Depth (in onitoring well, aerial	ained Lear fauna (B1) atic Plants a Sulfide C Rhizosphe of Reduct on Reduct on Reduct k Surface Well Data cplain in R anches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  Prainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomon  FAC-Ne	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2) autral Test (D5)
Remarks:  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hydric  Surface  High Wa  Saturatio  Water M  Sedimer  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely  Field Obser  Surface Water  Water Table  Saturation Proportion of the complete	GY  drology Indicators sators (minimum of an ators	Imagery (B're Surface (I	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in  No ✓ Depth (in	ained Lear fauna (B1) atic Plants a Sulfide C Rhizosphe of Reduct on Reduct on Reduct k Surface Well Data cplain in R anches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface  Prainag  Dry-Sea  Crayfish  (C3) Saturati  Stunted  Geomon  FAC-Ne	Soil Cracks (B6) e Patterns (B10) ason Water Table (C2) a Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) rphic Position (D2) autral Test (D5)

Project/Site: AEP North Delphos - Rockhill Delinea	ition (	City/Cou	<sub>ınty:</sub> <u>Lima/ Al</u>	llen Sampling Date: 2021-06-30
Applicant/Owner: AEP				State: Ohio Sampling Point: 1-Y UPL
Investigator(s): E. Wilson, J. Holmes	\$	Section,	, Township, Rar	nge: S013, T003, R006
				(concave, convex, none): None
Slope (%): 0 Lat: 40.7824602	I	Long: _	84.1200519	Datum: WGS 84
Soil Map Unit Name: BIg1B1				NWI classification: None
Are climatic / hydrologic conditions on the site typical for this				
Are Vegetation, Soil, or Hydrology s	ignificantly of	disturbe	ed? Are "	Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology n				eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map				ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes N	o_ <b>-</b>			
Hydric Soil Present? Yes N	0		s the Sampled	
Wetland Hydrology Present? Yes N	<u> </u>	v	vithin a Wetlan	nd? Yes No
Remarks:				
Upland sample point for PEM wetla	nd 1-Y.			
<b>VEGETATION</b> – Use scientific names of plants.				
Tree Stratum (Plot size:30 ft r)	Absolute % Cover		ant Indicator ss? Status	Dominance Test worksheet:
1				Number of Dominant Species That Are OBL, FACW, or FAC: 0 (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: 0 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total	Cover	Prevalence Index worksheet:
1				Total % Cover of: Multiply by:
2.				OBL species 0 x 1 = 0
3				FACW species <u>5</u> x 2 = <u>10</u>
4				FAC species $5$ $\times 3 = 15$
5				FACU species $\frac{45}{45}$ $\times 4 = \frac{180}{205}$
Herb Stratum (Plot size: 5 ft r )		= Total	Cover	UPL species 45 x 5 = 225
1 Dipsacus laciniatus	45	✓	UPL	Column Totals: 100 (A) 430 (B)
2. Solidago canadensis	20		FACU	Prevalence Index = B/A = 4.3
3. Rubus allegheniensis	15		FACU	Hydrophytic Vegetation Indicators:
4. Rosa multiflora	10		FACU_	1 - Rapid Test for Hydrophytic Vegetation
5. Rumex crispus	5		<u>FAC</u>	2 - Dominance Test is >50%
6. Solidago gigantea	5		<u>FACW_</u>	3 - Prevalence Index is ≤3.0¹
7				4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
8				Problematic Hydrophytic Vegetation¹ (Explain)
9				
10	100%			<sup>1</sup> Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	10070	– Totai	Cover	be present, unless disturbed or problematic.
1				Hydrophytic
2				Vegetation Present? Yes No
Boundary (Included by Arthury 1		= Total	Cover	165 100
Remarks: (Include photo numbers here or on a separate s	,			
No hydrophytic vegetation present	•			

SOIL Sampling Point: 1-Y UPL

Depth	Matrix		Red	lox Feature			m the absence of ir	,
(inches)	Color (moist)	%	Color (moist)	<u> %</u>	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0 - 20	10YR 3/2	95	10YR 5/4	5	С	М	Silt Loam	
_								
<del>-</del>								
1								
	oncentration, D=De	pletion, RM=	Reduced Matrix, N	/IS=Maske	d Sand G	rains.		=Pore Lining, M=Matrix.
Hydric Soil I								Problematic Hydric Soils <sup>3</sup> :
Histosol				Gleyed M				ie Redox (A16)
	oipedon (A2)			Redox (S			Dark Surfa	nese Masses (F12)
Black Histic (A3) Stripped Matrix (S6) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1)						ow Dark Surface (TF12)		
	d Layers (A5)			Gleyed N				lain in Remarks)
_	ick (A10)			ed Matrix				,
Depleted	d Below Dark Surfa	ce (A11)	Redox	Dark Surf	ace (F6)			
	ark Surface (A12)		Deplet	ed Dark S	urface (F7	)	<sup>3</sup> Indicators of h	ydrophytic vegetation and
	lucky Mineral (S1)		Redox	Depression	ons (F8)			drology must be present,
	icky Peat or Peat (S						unless dist	urbed or problematic.
	Layer (if observed	):						
Type: <u>N</u> /							Hydric Soil Pres	sent? Yes No
Depth (inc	ches):						Tiyane com rice	163 <u> </u>
HYDROLO	CV							
Wetland Hyd	drology Indicators		radi abaak all that a	anniv)			Sacandary Ir	digators (minimum of two required)
Wetland Hyd Primary Indic	drology Indicators cators (minimum of				(PO)			idicators (minimum of two required)
Wetland Hyder Primary Indice	drology Indicators cators (minimum of Water (A1)		Water-Sta	ained Lea	, ,		Surface	Soil Cracks (B6)
Wetland Hyd Primary Indic Surface High Wa	drology Indicators cators (minimum of Water (A1) ater Table (A2)		Water-Sta	ained Lea	3)		Surface Drainage	Soil Cracks (B6) Patterns (B10)
Wetland Hyd Primary Indic Surface High Wa Saturatio	drology Indicators cators (minimum of Water (A1) uter Table (A2) on (A3)		Water-Sta Aquatic F True Aqu	ained Lear Fauna (B13 uatic Plants	3) s (B14)		Surface Drainage Dry-Sea	Soil Cracks (B6) Patterns (B10) son Water Table (C2)
Wetland Hyd  Primary Indic  Surface V  High Wa  Saturatio Water M	drology Indicators cators (minimum of Water (A1) hter Table (A2) on (A3) larks (B1)		Water-St: Aquatic F True Aqu Hydroger	ained Lear Fauna (B13 uatic Plants n Sulfide C	3) s (B14) odor (C1)	ing Poots	Surface Drainage Dry-Sea Crayfish	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8)
Wetland Hyd  Primary Indic  Surface of High Wa  Saturation  Water Management	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2)		<pre>Water-St Aquatic F True Aqu Hydroger Oxidized</pre>	ained Leav Fauna (B13 vatic Plants n Sulfide C Rhizosphe	3) s (B14) odor (C1) eres on Liv	-	Surface Drainage Dry-Sea Crayfish (C3) Saturation	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9)
Wetland Hyd Primary Indic Surface Will High Wa Saturatio Water Mill Sedimen Drift Dep	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) posits (B3)		Water-Str Aquatic F True Aqu Hydroger Oxidized Presence	ained Lear Fauna (B13 latic Plants n Sulfide C Rhizosphe e of Reduc	3) s (B14) odor (C1) eres on Liv ed Iron (C	4)	Surface Drainage Dry-Sea Crayfish Saturatio Stunted	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1)
Wetland Hyd Primary Indic Surface of High Wa Saturatio Water M Sedimen Drift Dep	drology Indicators cators (minimum of Water (A1) Ater Table (A2) on (A3) larks (B1) at Deposits (B2) cosits (B3) at or Crust (B4)		Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir	ained Lear Fauna (B13 latic Plants In Sulfide C Rhizospho In Reduct	3) s (B14) odor (C1) eres on Lived Iron (C	4)	Surface Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomore	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Ohic Position (D2)
Primary Indic  Surface V High Wa Saturatio Water M Sedimen Drift Dep Algal Ma	drology Indicators cators (minimum of Water (A1) Ater Table (A2) on (A3) Aarks (B1) Ant Deposits (B2) cosits (B3) At or Crust (B4) cosits (B5)	one is requii	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir	ained Lear Fauna (B13 latic Plants In Sulfide C Rhizospho e of Reduct on Reduct k Surface	3) s (B14) cloor (C1) eres on Lived Iron (C tion in Tille (C7)	4)	Surface Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomore	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1)
Wetland Hyd  Primary Indic  Surface V  High Wa  Saturatio  Water M  Sedimen  Drift Dep  Algal Ma  Iron Dep  Inundation	drology Indicators cators (minimum of Water (A1) Inter Table (A2) Ion (A3) Iarks (B1) Int Deposits (B2) Iosits (B3) Int or Crust (B4) Iosits (B5) Ion Visible on Aerial	one is requir	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc	ained Lear Fauna (B1) uatic Plants n Sulfide C Rhizospho e of Reduct ron Reduct ck Surface r Well Data	B) B (B14) Door (C1) Beres on Lived Iron (Ction in Tille B (C7) B (D9)	4)	Surface Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomore	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Ohic Position (D2)
Wetland Hyd  Primary Indic  Surface of High Wa  Saturation  Water Mark  Sediment  Drift Dep  Algal Mark  Iron Dep  Inundation  Sparsely	drology Indicators cators (minimum of Water (A1) Ater Table (A2) On (A3) Aarks (B1) At Deposits (B2) Oosits (B3) At or Crust (B4) Oosits (B5) On Visible on Aerial A Vegetated Concav	one is requir	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc	ained Lear Fauna (B1) uatic Plants n Sulfide C Rhizospho e of Reduct ron Reduct ck Surface r Well Data	B) B (B14) Door (C1) Beres on Lived Iron (Ction in Tille B (C7) B (D9)	4)	Surface Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomore	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Ohic Position (D2)
Primary Indice Surface of High Wa Saturation Water Management Sediment Drift Depton Algal Management Inundation Sparsely Field Observation	drology Indicators cators (minimum of Water (A1) Ater Table (A2) On (A3) Aarks (B1) At Deposits (B2) Oosits (B3) At or Crust (B4) Oosits (B5) On Visible on Aerial A Vegetated Concavivations:	one is require Imagery (B7 ve Surface (F	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc T) Gauge or B8) Other (Ex	ained Lear Fauna (B1) autic Plants n Sulfide C Rhizospho e of Reduct on Reduct ck Surface r Well Data xplain in R	B) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomore	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Ohic Position (D2)
Primary Indice Surface of High Wa Saturation Water M. Sedimen Drift Dep Algal Ma Iron Dep Inundation Sparsely Field Observing	drology Indicators cators (minimum of Water (A1) Ater Table (A2) On (A3) Alarks (B1) At Deposits (B2) Oosits (B3) At or Crust (B4) Oosits (B5) On Visible on Aerial At Vegetated Concavitations: er Present?	Imagery (Bive Surface (I	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Gauge or Gauge or Other (Ex	ained Lear Fauna (B1) Italic Plants In Sulfide C Rhizospho Italic Of Reduct Italic Surface Itali	B) S (B14) Odor (C1) Beres on Lived Iron (C Stion in Tille (C7) B (D9) B (D9) B (B14)	4) ed Soils (C	Surface Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomore	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Ohic Position (D2)
Primary Indice Surface of High Wa Saturation Water M. Sediment Drift Dep Algal Ma Iron Dep Inundation Sparsely Field Observ Surface Water	drology Indicators cators (minimum of Water (A1) Ater Table (A2) On (A3) Arks (B1) At Deposits (B2) Oosits (B3) At or Crust (B4) Oosits (B5) On Visible on Aerial Ater Vegetated Concave Vations: er Present?	Imagery (Bive Surface (Bive Su	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc To Gauge or Bas) Other (Ex	ained Lear Fauna (B1) Iatic Plants In Sulfide C Rhizosphe Ie of Reduct Iron Re	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface Drainage Dry-Sea Crayfish Saturatic Stunted Geomori FAC-Ne	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Orbic Position (D2) Outral Test (D5)
Primary Indice Surface of High Water Management of Managem	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial of Vegetated Concav vations: er Present? Present? resent?	Imagery (B7 ve Surface (I Yes   Yes	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc To Gauge or Bas) Other (Ex No Depth (in No Depth (in	ained Lear Fauna (B1) latic Plants In Sulfide C Rhizosphe In Grants In Reduct In Reduc	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface Drainage Dry-Sea Crayfish (C3) Saturatic Stunted 6) Geomor FAC-Ne	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Ohic Position (D2)
Primary Indice Surface of High Water Management of Managem	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) arks (B1) at Deposits (B2) cosits (B3) at or Crust (B4) cosits (B5) on Visible on Aerial at Vegetated Concave vations: er Present? Present?	Imagery (B7 ve Surface (I Yes   Yes	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc To Gauge or Bas) Other (Ex No Depth (in No Depth (in	ained Lear Fauna (B1) latic Plants In Sulfide C Rhizosphe In Grants In Reduct In Reduc	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface Drainage Dry-Sea Crayfish (C3) Saturatic Stunted 6) Geomor FAC-Ne	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Orbic Position (D2) Outral Test (D5)
Primary Indice Surface of High Water Management of Managem	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial of Vegetated Concav vations: er Present? Present? resent?	Imagery (B7 ve Surface (I Yes   Yes	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc To Gauge or Bas) Other (Ex No Depth (in No Depth (in	ained Lear Fauna (B1) latic Plants In Sulfide C Rhizosphe In Grants In Reduct In Reduc	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface Drainage Dry-Sea Crayfish (C3) Saturatic Stunted 6) Geomor FAC-Ne	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Orbic Position (D2) Outral Test (D5)
Wetland Hyd Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatic Sparsely Field Observ Surface Water Table Saturation Pr (includes cap Describe Rec	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) cosits (B3) at or Crust (B4) cosits (B5) on Visible on Aerial at Vegetated Concavitations: er Present? Present? Present? corded Data (stream	Imagery (Bive Surface (Bive Su	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc To Gauge or Bas) Other (Ex No Depth (in No Depth (in	ained Lear Fauna (B1) latic Plants In Sulfide C Rhizosphe In Grants In Reduct In Reduc	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface Drainage Dry-Sea Crayfish (C3) Saturatic Stunted 6) Geomor FAC-Ne	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Orbic Position (D2) Outral Test (D5)
Wetland Hyd Primary Indice Surface of High Wa Saturation Water M. Sedimen Drift Dep Algal Ma Iron Dep Inundation Sparsely Field Observ Surface Water Table Saturation Pr (includes cap Describe Rec	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial of Vegetated Concav vations: er Present? Present? resent?	Imagery (Bive Surface (Bive Su	Water-Sta Aquatic F Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc To Gauge or Bas) Other (Ex No Depth (in No Depth (in	ained Lear Fauna (B1) latic Plants In Sulfide C Rhizosphe In Grants In Reduct In Reduc	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface Drainage Dry-Sea Crayfish (C3) Saturatic Stunted 6) Geomor FAC-Ne	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8) On Visible on Aerial Imagery (C9) Or Stressed Plants (D1) Orbic Position (D2) Outral Test (D5)

Project/Site: AEP North Delphos - Rockhill		City/Co	ounty	Lima / A	Allen	Sampling Date: 2	2021-06-30
Applicant/Owner: AEP		,	,		State: Ohio		
Investigator(s): J. Holmes E. Wilson					O040 T0		
					(concave, convex, none):		
1 1					(concave, convex, none).		 1
							<u>r</u>
					NWI classific		
Are climatic / hydrologic conditions on the site typical for this	s time of yea	ar? Ye	es			_	•
Are Vegetation, Soil, or Hydrology s	ignificantly	disturb	ed?	Are "	Normal Circumstances" p	resent? Yes	No
Are Vegetation, Soil, or Hydrology n	aturally pro	blemat	tic?	(If ne	eded, explain any answe	rs in Remarks.)	
SUMMARY OF FINDINGS - Attach site map	showing	sam	plin	g point lo	ocations, transects	, important fea	atures, etc.
Hydrophytic Vegetation Present? Yes N	0						
Hydric Soil Present? Yes N	0			e Sampled			
Wetland Hydrology Present? Yes ✓ N	0		with	in a Wetlan	nd? Yes	No	
Remarks:							
Wetland in existing ROW depressio	n.						
VEGETATION . Has a significant and a fall when							
VEGETATION – Use scientific names of plants.				l-d-d-			
Tree Stratum (Plot size: 30 ft r )	Absolute % Cover			Indicator Status	Dominance Test work		
1					Number of Dominant Sport That Are OBL, FACW, or		(A)
2.					Total Number of Demin		
3					Total Number of Domin Species Across All Stra	^	(B)
4					Percent of Dominant Sp	nacion	
5					That Are OBL, FACW,	or FAC: 100	(A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Tota	I Cov	/er	Prevalence Index wor	ksheet:	
1					Total % Cover of:		by:
2						x 1 = 0	
3					FACW species 80		
4						x 3 = 0	
5.					FACU species 20	x 4 = <u>80</u>	
- 6		= Tota	l Cov	/er	UPL species 0	x 5 = <u>0</u>	
Herb Stratum (Plot size: 5 ft r )  1. Phalaris arundinacea	60		,	FACW	Column Totals: 100	(A) <u>240</u>	(B)
1.	20			FACW	Prevalence Index	- B/A - 2.4	
3. Phleum pratense	10			FACU	Hydrophytic Vegetation		
4 Cirsium arvense	5			FACU	✓ 1 - Rapid Test for H		ition
5. Dactylis glomerata	5			FACU	✓ 2 - Dominance Tes		
					✓ 3 - Prevalence Inde		
7					4 - Morphological A	Adaptations <sup>1</sup> (Provid	de supporting
8					1	s or on a separate s	-
9.					Problematic Hydro	phytic Vegetation <sup>1</sup>	(Explain)
10.					1		
Woody Vine Stratum (Plot size: 30 ft r )	100%	= Tota	l Cov	/er	<sup>1</sup> Indicators of hydric soi be present, unless distu		
1					Hydrophytic		
2					Vegetation	./	
		= Tota	l Cov	/er	Present? Yes	s No	<b>—</b>
Remarks: (Include photo numbers here or on a separate s	sheet.)						
A preponderance of hydrophytic ve	egetatio	on is	s nr	esent			
	301411	J. 1 10	יק	200110			

SOIL Sampling Point: 1-Z

Profile Desc	cription: (Describe	to the dep	th needed to docur	nent the	indicator	or confire	n the absence of in	dicators.)
Depth	Matrix			x Feature	es			
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0-5	10YR 5/2	95	10YR 4/6				Silt Loam	
5-20	10YR 5/1	85	10YR 4/6	15	С	М	Sandy Clay Loam	
<u> </u>								
<u> </u>				- ——				
<u> </u>								
		pletion, RM=	Reduced Matrix, MS	S=Maske	d Sand Gr	ains.		=Pore Lining, M=Matrix.
Hydric Soil								Problematic Hydric Soils <sup>3</sup> :
Histosol				-	atrix (S4)			e Redox (A16)
	oipedon (A2)			Redox (S	-		Dark Surfac	nese Masses (F12)
Black Histic (A3) Stripped Matrix (S6) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1)					w Dark Surface (TF12)			
	d Layers (A5)			-	latrix (F2)			ain in Remarks)
2 cm Mu	ıck (A10)		Deplete	d Matrix	(F3)			
ı —	d Below Dark Surfa	ce (A11)	_	Dark Surf	. ,		3	
Thick Dark Surface (A12) Depleted Dark Surface (F7) Sandy Mucky Mineral (S1) Redox Depressions (F8)						)		ydrophytic vegetation and
ı — ·	iucky Minerai (S1) icky Peat or Peat (S	:3)	Redox I	Depression	ons (F8)			rology must be present, irbed or problematic.
	Layer (if observed)	,					unless dista	index of problematic.
Type:	, (	, -						,
Depth (in	ches):						Hydric Soil Pres	ent? Yes No
Remarks:								
The soi	l profile mee	ets the o	criteria for h	aving	a dep	leted ı	matrix	
HYDROLO	GY							
Wetland Hy	drology Indicators	:						
Primary India	cators (minimum of	one is requir	ed; check all that ap	ply)			Secondary In	dicators (minimum of two required)
Surface	Water (A1)		Water-Sta	ined Leav	ves (B9)		Surface S	Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic Fa	auna (B13	3)		Drainage	Patterns (B10)
Saturation	on (A3)		True Aqua	itic Plants	s (B14)		Dry-Seas	on Water Table (C2)
	larks (B1)		Hydrogen		, ,		Crayfish	Burrows (C8)
ı —	nt Deposits (B2)		X Oxidized F			-	—	n Visible on Aerial Imagery (C9)
-	posits (B3)		Presence		•	,		or Stressed Plants (D1)
ı —	at or Crust (B4)		Recent Iro			d Soils (C		hic Position (D2)
ı —	oosits (B5)	Imagen / D	Thin Muck		, ,		FAC-Neu	tral Test (D5)
_	on Visible on Aerial / Vegetated Conca\		. —		. ,			
Field Obser		e Suriace (L	Other (Exp	Jani III K	emarks)			
Surface Wat		Vac 1	No Depth (in	ches).				
Water Table			No Depth (in					
Saturation P			No Depth (in				land Hydrology Pre	sent? Yes No
(includes cap	oillary fringe)							Sent: 163 NO
Describe Re	corded Data (strear	n gauge, mo	nitoring well, aerial	photos, p	revious ins	pections),	, if available:	
Remarks:								
	indicators	of watla	and bydrolog	11/ 14/0	ra nrac	ant at	t the time of	campling
ivialtiple	mulcaturs (	JI WELIA	ma nyarolog	y we	ie bies	ciil di	t the time of	samping

Project/Site: AEP North Delphos - Rockhill	(	City/Cou	<sub>ınty:</sub> <u>Lima</u> / 🗜	Allen	Sampling Date: 2021-06-30
Applicant/Owner: AEP		State: Ohio			Sampling Point: 1-AA
Investigator(s): J. Holmes E. Wilson		Section,	, Township, Rar	nge:S013 T00	)3 R006
Landform (hillslope, terrace, etc.): Depression			Local relief	(concave, convex, none):	Concave
Slope (%): 1 Lat: 40.777303	ι	ong: .=	84.114950		Datum: WGS 84
Soil Map Unit Name: PmA				NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Yes	No _	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly o	disturbe	d? Are "	Normal Circumstances" p	oresent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prol	olematic	c? (If ne	eded, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	samp	ling point l	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No	)				
Hydric Soil Present? Yes No			s the Sampled		N -
Wetland Hydrology Present? Yes   ✓ No		w	vithin a Wetlan	id? Yes	No
Remarks:					
Wetland in existing ROW depression	η.				
<b>VEGETATION</b> – Use scientific names of plants.					
30 ft r	Absolute		ant Indicator	Dominance Test work	
Tree Stratum (Plot size:30 ft r) 1			es? Status	Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	•
3				Species Across All Stra	ta: <u>2</u> (B)
4.       5.				Percent of Dominant Sp That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total	Cover	Prevalence Index worl	ksheet:
1				Total % Cover of:	
2					x 1 = 10
3					$x = \frac{180}{2}$
4					x 3 = 0 x 4 = 0
5			Cover	· <del>.</del>	$x = \frac{1}{0}$
Herb Stratum (Plot size: 5 ft r )				Column Totals: 100	(A) 190 (B)
1. Phalaris arundinacea	<del>60</del> <del>20</del>		- FACW	Prevalence Index	D/4 1 Q
2. Impatiens capensis 3. Carex frankii	10		- FACW OBL	Hydrophytic Vegetation	
4. Carex scoparia	10		- FACW	✓ 1 - Rapid Test for H	
5				✓ 2 - Dominance Tes	
6				✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>
7				4 - Morphological A	Adaptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8					ohytic Vegetation <sup>1</sup> (Explain)
9					my no regetation (Explain)
10	100%	= Total	Cover	<sup>1</sup> Indicators of hydric soil be present, unless distu	l and wetland hydrology must urbed or problematic.
1				Hydrophytic	
2.				Vegetation	<b>√</b>
		= Total	Cover	Present? Yes	s No
Remarks: (Include photo numbers here or on a separate si	heet.)				
A preponderance of hydrophytic ve	getatio	on is	present		

SOIL Sampling Point: 1-AA

Profile Desc Depth	Matrix		Red	ox Featur	es			
(inches)	Color (moist)	%	Color (moist)	<u> %</u>	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0-5	10YR 5/2	95	10YR 4/6				Silt Loam	
5-20	10YR 5/1	 85	10YR 4/6	 15	С	М	Sandy Clay Loam	
_	•							
<u> </u>								
<u>-</u>								
<sup>1</sup> Type: C=Co	oncentration, D=De	epletion, RN	/I=Reduced Matrix, №	– ——— //S=Maske	ed Sand G	rains.	<sup>2</sup> Location: PL=	Pore Lining, M=Matrix.
Hydric Soil			·					roblematic Hydric Soils³:
Histosol	(A1)		Sandy	Gleyed N	atrix (S4)		Coast Prairi	e Redox (A16)
Histic Ep	pipedon (A2)		Sandy	Redox (S	5)		Dark Surfac	e (S7)
Black Hi	Black Histic (A3) Stripped Matrix (S6)						Iron-Mangai	nese Masses (F12)
Hydroge	Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1)						Very Shallov	v Dark Surface (TF12)
_	d Layers (A5)				1atrix (F2)		Other (Expla	in in Remarks)
_	ick (A10)			ed Matrix	, ,			
	d Below Dark Surfa	ace (A11)		Dark Sur	, ,		31	decele tie constation and
	ark Surface (A12)			ed Dark S Depressi	urface (F7	)		drophytic vegetation and
	lucky Mineral (S1) icky Peat or Peat (		Kedox	Depressi	ons (Fo)			rology must be present, rbed or problematic.
	Layer (if observed						uniess dista	ribed of problematic.
Type:								_
Depth (inc							Hydric Soil Pres	ent? Yes No
Remarks:								
HYDROLO	GY							
HYDROLO Wetland Hyd	GY drology Indicators	s:						
Wetland Hyd	drology Indicators		uired; check all that a	apply)			Secondary Inc	dicators (minimum of two required)
Wetland Hyd	drology Indicators			apply) ained Lea	ves (B9)			dicators (minimum of two required)
Wetland Hyd Primary Indic	drology Indicators cators (minimum of		Water-St	• • • • • • • • • • • • • • • • • • • •			Surface S	
Wetland Hyd Primary Indic	drology Indicators cators (minimum of Water (A1) ater Table (A2)		Water-St	ained Lea	3)		Surface S  Drainage	soil Cracks (B6)
Wetland Hyd Primary Indic Surface High Wa Saturatio	drology Indicators cators (minimum of Water (A1) ater Table (A2)		Water-St Aquatic F True Aqu Hydroger	ained Lea Fauna (B1 natic Plant n Sulfide (	3) s (B14) Odor (C1)		Surface S Drainage Dry-Seas Crayfish I	oil Cracks (B6) Patterns (B10)
Wetland Hyd Primary Indic Surface High Wa Saturatic Water M	drology Indicators cators (minimum of Water (A1) uter Table (A2) on (A3)		Water-St Aquatic F True Aqu	ained Lea Fauna (B1 natic Plant n Sulfide (	3) s (B14) Odor (C1)	ving Roots	Surface S Drainage Dry-Seas Crayfish I	oil Cracks (B6) Patterns (B10) on Water Table (C2)
Wetland Hyd Primary India Surface High Wa Saturatio Water M Sedimer	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1)		Water-St Aquatic F True Aqu Hydroger X Oxidized	ained Lea Fauna (B1 latic Plant n Sulfide ( Rhizosph	3) s (B14) Odor (C1)	_	Surface S  V Drainage Dry-Seas Crayfish I S (C3) Saturation	oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8)
Wetland Hyd Primary India Surface High Wa Saturatia Water M Sedimer Drift Dep	drology Indicators cators (minimum of Water (A1) hter Table (A2) on (A3) larks (B1) ht Deposits (B2)		Water-St Aquatic F True Aqu Hydroger X Oxidized Presence	ained Lea Fauna (B1 latic Plant n Sulfide C Rhizosph	3) s (B14) Odor (C1) eres on Liv	4)	Surface S  V Drainage Dry-Seas Crayfish I S (C3) Stunted of	oil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9)
Wetland Hyd Primary India Surface High Wa Saturatia Water M Sedimer Drift Dep Algal Ma	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) cosits (B3)		Water-St Aquatic F True Aqu Hydroger X Oxidized Presence	ained Lea Fauna (B1 latic Plant n Sulfide ( Rhizosph e of Reduc	3) s (B14) Odor (C1) eres on Lived Iron (C	4)	Surface S  V Drainage Dry-Seas Crayfish I S (C3) Stunted of	Foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) thic Position (D2)
Wetland Hyd Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep	drology Indicators eators (minimum of Water (A1) hter Table (A2) on (A3) larks (B1) ht Deposits (B2) cosits (B3) at or Crust (B4) cosits (B5) on Visible on Aeria	f one is requ	Water-St Aquatic F True Aqu Hydroger X Oxidized Presence Recent Ir Thin Muc	ained Lea Fauna (B1 latic Plant n Sulfide ( Rhizosph e of Reduc con Reduc k Surface	3) s (B14) Odor (C1) eres on Lived Iron (C tion in Tille (C7) a (D9)	4)	Surface S  V Drainage Dry-Seas Crayfish I S (C3) Stunted C G Geomorp	Foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) thic Position (D2)
Wetland Hyd Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep	drology Indicators eators (minimum of Water (A1) hter Table (A2) on (A3) larks (B1) ht Deposits (B2) cosits (B3) at or Crust (B4) cosits (B5) on Visible on Aeria	f one is requ	Water-St Aquatic F True Aqu Hydroger X Oxidized Presence Recent Ir	ained Lea Fauna (B1 latic Plant n Sulfide ( Rhizosph e of Reduc con Reduc k Surface	3) s (B14) Odor (C1) eres on Lived Iron (C tion in Tille (C7) a (D9)	4)	Surface S  V Drainage Dry-Seas Crayfish I S (C3) Stunted C G Geomorp	Foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) thic Position (D2)
Wetland Hyd Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep	drology Indicators cators (minimum of Water (A1) Inter Table (A2) Ion (A3) Iarks (B1) Int Deposits (B2) Ioosits (B3) Int or Crust (B4) Ioosits (B5) Ion Visible on Aeria Inter Vegetated Concau Inter Table (A2) I	f one is requ al Imagery (I ave Surface	Water-St Aquatic F True Aqu Hydroger X Oxidized Presence Recent Ir Thin Muc B7) Gauge or (B8) Other (Ex	ained Lea Fauna (B1 latic Plant n Sulfide ( Rhizosph e of Reduc on Reduc ch Surface r Well Dat- kplain in R	3) s (B14) Odor (C1) eres on Lived Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface S  V Drainage Dry-Seas Crayfish I S (C3) Stunted C G Geomorp	Foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) thic Position (D2)
Wetland Hyd Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundatio Sparsely	drology Indicators cators (minimum of Water (A1) Inter Table (A2) Ion (A3) Iarks (B1) Int Deposits (B2) Ioosits (B3) Int or Crust (B4) Ioosits (B5) Ion Visible on Aeria Inter Vegetated Concau Inter Table (A2) I	f one is requ al Imagery (I ave Surface	Water-St Aquatic F True Aqu Hydroger X Oxidized Presence Recent Ir Thin Muc	ained Lea Fauna (B1 latic Plant n Sulfide ( Rhizosph e of Reduc on Reduc ch Surface r Well Dat- kplain in R	3) s (B14) Odor (C1) eres on Lived Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface S  V Drainage Dry-Seas Crayfish I S (C3) Stunted C G Geomorp	Foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) thic Position (D2)
Wetland Hyden Primary India Surface High Wa Saturation Water M Sedimer Drift Dep Algal Ma Iron Dep Inundation Sparsely	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) cosits (B3) at or Crust (B4) cosits (B5) on Visible on Aeria v Vegetated Conca vations: er Present?	I Imagery (I	Water-St Aquatic F True Aqu Hydroger X Oxidized Presence Recent Ir Thin Muc B7) Gauge or (B8) Other (Ex	ained Lea Fauna (B1 latic Plants in Sulfide C Rhizosph e of Reduction Reduc- con Reduc- ck Surface in Well Data explain in R	3) s (B14) Odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface S  V Drainage Dry-Seas Crayfish I S (C3) Stunted C G Geomorp	Foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) thic Position (D2)
Wetland Hyden Primary India Surface High Water Mage Sedimer Drift Dep Algal Mage Iron Dep Inundation Sparsely Field Obsert Surface Water Table Saturation Profice Includes cap	drology Indicators cators (minimum of Water (A1) Ater Table (A2) On (A3) Arks (B1) At Deposits (B2) Oosits (B3) At or Crust (B4) Oosits (B5) On Visible on Aeria A Vegetated Conca Vations:  er Present?  Present?  resent?  pillary fringe)	Il Imagery (I ve Surface Yes Yes	Water-St Aquatic F True Aqu Hydroger X Oxidized Presence Recent Ir Thin Muc B7) Gauge or (B8) Other (Ex No Depth (in No Depth (in	ained Lea Fauna (B1 latic Plant n Sulfide ( Rhizosph e of Reduc con Reduc ck Surface r Well Date cplain in R nches): nches): nches): nches):	3) s (B14) Odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface S  Prainage Dry-Seas Crayfish I Stunted of Geomorp FAC-Neu  Stand Hydrology Pre	Foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) thic Position (D2)
Wetland Hyden Primary India Surface High Water Mage Sedimer Drift Dep Algal Malen Iron Dep Inundation Sparsely Field Obsert Surface Water Table Saturation Profice Includes cap	drology Indicators cators (minimum of Water (A1) Ater Table (A2) On (A3) Arks (B1) At Deposits (B2) Oosits (B3) At or Crust (B4) Oosits (B5) On Visible on Aeria A Vegetated Conca Vations:  er Present?  Present?  resent?  pillary fringe)	Il Imagery (I ve Surface Yes Yes	Water-St Aquatic F True Aqu Hydroger X Oxidized Presence Recent Ir Thin Muc B7) Gauge or (B8) Other (Ex	ained Lea Fauna (B1 latic Plant n Sulfide ( Rhizosph e of Reduc con Reduc ck Surface r Well Date cplain in R nches): nches): nches): nches):	3) s (B14) Odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface S  Prainage Dry-Seas Crayfish I Stunted of Geomorp FAC-Neu  Stand Hydrology Pre	Foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2) tral Test (D5)
Wetland Hyden Primary India Surface High Water Mage Sedimer Drift Dep Algal Malen Iron Dep Inundation Sparsely Field Obsert Surface Water Table Saturation Profice Includes cap	drology Indicators cators (minimum of Water (A1) Ater Table (A2) On (A3) Arks (B1) At Deposits (B2) Oosits (B3) At or Crust (B4) Oosits (B5) On Visible on Aeria A Vegetated Conca Vations:  er Present?  Present?  resent?  pillary fringe)	Il Imagery (I ve Surface Yes Yes	Water-St Aquatic F True Aqu Hydroger X Oxidized Presence Recent Ir Thin Muc B7) Gauge or (B8) Other (Ex No Depth (in No Depth (in	ained Lea Fauna (B1 latic Plant n Sulfide ( Rhizosph e of Reduc con Reduc ck Surface r Well Date cplain in R nches): nches): nches): nches):	3) s (B14) Odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface S  Prainage Dry-Seas Crayfish I Stunted of Geomorp FAC-Neu  Stand Hydrology Pre	Foil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2) tral Test (D5)
Wetland Hyderimary India Surface High Water Management Sedimer Drift Dep Algal Management Iron Dep Inundation Sparsely Field Observation Surface Water Water Table Saturation Profincludes cap Describe Recomment	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) cosits (B3) at or Crust (B4) cosits (B5) on Visible on Aeria at Vegetated Conca avations: er Present? Present? present? corded Data (strea	I Imagery (Inve Surface Yes Yes Yes m gauge, m	Water-St Aquatic F Aquatic F True Aqu Hydroger X Oxidized Presence Recent Ir Thin Muc B7) Gauge of (B8) Other (Ex No V Depth (in No V Depth (in nonitoring well, aerial	ained Lea Fauna (B1 latic Plant n Sulfide (Control Reduce ton Redu	3) s (B14) Odor (C1) eres on Liv ced Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface S  Prainage Dry-Seas Crayfish I Stunted of Stunted of FAC-Neu   tland Hydrology Pre  i, if available:	Goil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2) tral Test (D5)  sent? Yes No
Wetland Hyderimary India Surface High Water Management Sedimer Drift Dep Algal Management Iron Dep Inundation Sparsely Field Observation Surface Water Water Table Saturation Profincludes cap Describe Recomment	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) at Deposits (B2) cosits (B3) at or Crust (B4) cosits (B5) on Visible on Aeria at Vegetated Conca avations: er Present? Present? present? corded Data (strea	I Imagery (Inve Surface Yes Yes Yes m gauge, m	Water-St Aquatic F Aquatic F True Aqu Hydroger X Oxidized Presence Recent Ir Thin Muc B7) Gauge of (B8) Other (Ex No V Depth (in No V Depth (in nonitoring well, aerial	ained Lea Fauna (B1 latic Plant n Sulfide (Control Reduce ton Redu	3) s (B14) Odor (C1) eres on Liv ced Iron (C tion in Tille (C7) a (D9) emarks)	4) ed Soils (C	Surface S  Prainage Dry-Seas Crayfish I Stunted of Geomorp FAC-Neu  Stand Hydrology Pre	Goil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2) tral Test (D5)  sent? Yes No

Project/Site: AEP North Delphos - Rockhill	(	City/Cou	<sub>unty:</sub> <u>Lima</u> / <b>A</b>		Sampling Date: 2021-06-30
Applicant/Owner: AEP		State: Ohio Sampling Point: 1-AA/			
Investigator(s): J. Holmes E. Wilson	8	Section	, Township, Rai	nge:S013 T003	3 R006
Landform (hillslope, terrace, etc.): Upland, Flat					
Slope (%): 1 Lat: 40.776704	ι	ong:	84.114303		Datum: WGS 84
Soil Map Unit Name:PmA				NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	ır? Yes	s No_	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology si	gnificantly o	disturbe	ed? Are "	Normal Circumstances" p	present? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	olematio	c? (If ne	eded, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s				ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No			s the Sampled		
Wetland Hydrology Present? Yes No	·	v	within a Wetlan	1d? Yes	No
Remarks:					
Representative of existing ROW.					
<b>VEGETATION</b> – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r	Absolute % Cover		nant Indicator es? Status	Dominance Test work	
1				Number of Dominant Sport That Are OBL, FACW, or	pecies or FAC: 0 (A)
2				Total Number of Domin	ant
3				Species Across All Stra	^
4				Percent of Dominant Sp	pecies
5			Cover	That Are OBL, FACW,	or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		- Total	Cover	Prevalence Index wor	ksheet:
1				Total % Cover of:	
2					x 1 = 0
3					x = 0 x = 0
4					$x = \frac{3}{360}$
5	:				x 5 = 50
Herb Stratum (Plot size: 5 ft r )				Column Totals: 100	(A) 410 (B)
1. Phleum pratense	<del>40</del> <del>20</del>		- FACU	December of the december of	= B/A = <u>4.1</u>
2. Dactylis glomerata 3. Solidago canadensis	20	<del></del>		Hydrophytic Vegetation	
4. Dipsacus laciniatus	10	<u> </u>	UPL	1 - Rapid Test for H	
5. Lolium perenne	10		FACU	2 - Dominance Tes	
6				3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>
7				4 - Morphological A	Adaptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8					phytic Vegetation <sup>1</sup> (Explain)
9					on the design of the second
10	100%	= Total	Cover		l and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	10070	- Total	Cover	be present, unless distu	ırbed or problematic.
1				Hydrophytic	
2			Cover	Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate s		- rotal	Cover		
A preponderance of hydrophytic ve	,	n ic	not proce	ont	
A proportide affice of frydropfrytic ve	gerant	) I I I S	not brest	CIIC	

SOIL Sampling Point: 1-AA/Z UPL

Profile Description: (Describe to the dept	h needed to document the indicator or c	onfirm the absence of indicators.)
Depth Matrix	Redox Features	
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> L	oc² Texture Remarks
0-6 10YR 4/3 100		Sandy Clay Loam
-		
-		
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=	Reduced Matrix, MS=Masked Sand Grains	
Hydric Soil Indicators:		Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Sandy Gleyed Matrix (S4)	Coast Prairie Redox (A16)
Histic Epipedon (A2) Black Histic (A3)	<ul><li>Sandy Redox (S5)</li><li>Stripped Matrix (S6)</li></ul>	Dark Surface (S7) Iron-Manganese Masses (F12)
Hydrogen Sulfide (A4)	Suipped Matrix (30) Loamy Mucky Mineral (F1)	Very Shallow Dark Surface (TF12)
Stratified Layers (A5)	Loamy Gleyed Matrix (F2)	Other (Explain in Remarks)
2 cm Muck (A10)	Depleted Matrix (F3)	
Depleted Below Dark Surface (A11)	Redox Dark Surface (F6)	
Thick Dark Surface (A12)	Depleted Dark Surface (F7)	<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Redox Depressions (F8)	wetland hydrology must be present,
5 cm Mucky Peat or Peat (S3)		unless disturbed or problematic.
Restrictive Layer (if observed):		
Type:	<del>_</del>	Hydric Soil Present? Yes No
Depth (inches):	<u> </u>	
The soil profile does not me	eet the criteria for any hyd	dric soil indicators
HYDROLOGY		
Wetland Hydrology Indicators:		
Primary Indicators (minimum of one is require	ed: check all that apply)	Secondary Indicators (minimum of two required)
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)
Saturation (A3)	True Aquatic Plants (B14)	Dry-Season Water Table (C2)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2)	Oxidized Rhizospheres on Living	
Drift Deposits (B3)	Presence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4)	Recent Iron Reduction in Tilled So	
Iron Deposits (B5)	Thin Muck Surface (C7)	FAC-Neutral Test (D5)
Inundation Visible on Aerial Imagery (B7	) Gauge or Well Data (D9)	
Sparsely Vegetated Concave Surface (B	8) Other (Explain in Remarks)	
Field Observations:		
Surface Water Present? Yes N	lo Depth (inches):	
	lo Depth (inches):	_
Saturation Present? Yes N (includes capillary fringe)	lo Depth (inches):	Wetland Hydrology Present? Yes No
Saturation Present? Yes N (includes capillary fringe)  Describe Recorded Data (stream gauge, more	lo _	tions), if available:
Saturation Present? Yes N (includes capillary fringe)  Describe Recorded Data (stream gauge, mor No primary and or secondary wetlan	lo _	tions), if available:
Saturation Present? Yes N (includes capillary fringe)  Describe Recorded Data (stream gauge, more	lo _	tions), if available:
Saturation Present? Yes N (includes capillary fringe)  Describe Recorded Data (stream gauge, mor No primary and or secondary wetlan	lo _	tions), if available:
Saturation Present? Yes N (includes capillary fringe)  Describe Recorded Data (stream gauge, mor No primary and or secondary wetlan	lo _	tions), if available:

Project/Site: AEP North Delphos - Rockhill Delinea	tion c	ity/County	: Lima/ Al	len	Sampling Date: 2021-07-0	01
Applicant/Owner: AEP					Sampling Point: 1-AB	
Investigator(s): E. Wilson, J. Holmes	s	Section, To	wnship, Ran	nge:S019,	T003, R007	
				concave, convex, none):		
Slope (%): 0 Lat: 40.7630999	۱	.ong: <u>-84</u>	.0931995		Datum: WGS 84	
Soil Map Unit Name: Ble1A1				NWI classific	ation: None	
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	✓ No	(If no, explain in R	emarks.)	
Are Vegetation, Soil, or Hydrology si	gnificantly d	listurbed?	Are "I	Normal Circumstances" p	oresent? Yes No	
Are Vegetation, Soil, or Hydrology na	aturally prob	lematic?	(If nee	eded, explain any answe	rs in Remarks.)	
SUMMARY OF FINDINGS - Attach site map s	showing	samplin	g point lo	ocations, transects	, important features, e	tc.
Hydrophytic Vegetation Present? Yes No	·					
Hydric Soil Present? Yes No			e Sampled		N -	
Wetland Hydrology Present? Yes Vo	·	with	in a Wetlan	d? Yes	No	$\dashv$
Remarks:						
Small PEM wetland alongside road.	Wetlan	id is di	sturbed	due to fire hy	drant leaking.	
VEGETATION – Use scientific names of plants.						_
20.6		Dominant		Dominance Test work	sheet:	$\neg$
Tree Stratum (Plot size: 30 ft r ) 1.	% Cover			Number of Dominant Sp That Are OBL, FACW, of		
2			I	Total Number of Domin	ant	
3				Species Across All Stra	ta: <u>2</u> (B)	
4				Percent of Dominant Sp		
5			ver	That Are OBL, FACW, o	or FAC: 100 (A/E	3)
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index wor	ksheet:	
1				Total % Cover of: OBL species 60		
2					x 1 = 60 x 2 = 0	
3					x 2 = 0 x 3 = 120	
4 5					$\times 4 = 0$	
0			ver	UPL species 0		
Herb Stratum (Plot size: 5 ft r )				Column Totals: 100	(A) 180 (B	,
1. Eleocharis obtusa	55		OBL	5	D/A 1.9	
2. Hordeum jubatum Rumex crispus	25 15		FAC FAC	Prevalence Index  Hydrophytic Vegetation		$\dashv$
4. Typha angustifolia	5		OBL	1 - Rapid Test for H		
5				✓ 2 - Dominance Tes		
6				✓ 3 - Prevalence Inde		
7				4 - Morphological A	Adaptations <sup>1</sup> (Provide supportin	ng
8					s or on a separate sheet)	
9.				Problematic Hydro	phytic Vegetation <sup>1</sup> (Explain)	
10				1 Indicators of budgio soi	I and wetland hydrology must	
Woody Vine Stratum (Plot size: 30 ft r	100%_	= Total Co	ver	be present, unless distu		_
1				Hydrophytic		
2				Vegetation Present? Yes	s No	
Remarks: (Include photo numbers here or on a separate s		= Total Co	ver			$\dashv$
Hydrophytic vegetation is present.						

SOIL Sampling Point: 1-AB

Profile Desc	cription: (Describe	to the depth	needed to docu	ment the	indicator	or confir	m the absence of i	ndicators.)		
Depth	Matrix			x Feature		. 2				
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>		Remarks		
0-20	10YR 5/1	_ <u>96</u>	10YR 4/6	_ 4	_ <u>C</u>	<u> M</u>	Silty Clay			
<u> </u>										
-										
<u> </u>							·			
1							2			
Hydric Soil	oncentration, D=De	pletion, RM=F	Reduced Matrix, M	S=Maske	d Sand Gr	rains.		.=Pore Lining, M=Matrix.  Problematic Hydric Soils <sup>3</sup> :		
Histosol			Sandy	Clayed M	otriv (SA)			rie Redox (A16)		
I —	oipedon (A2)			Redox (S	atrix (S4)		Coast Frain			
Black Histic (A3) Stripp			d Matrix (			_	anese Masses (F12)			
	en Sulfide (A4)				ineral (F1)			ow Dark Surface (TF12)		
I —	d Layers (A5)				latrix (F2)		Other (Exp	lain in Remarks)		
_	ıck (A10)	(8.4.4)		ed Matrix	, ,					
	d Below Dark Surfa ark Surface (A12)	ce (A11)		Dark Surf	ace (F6) urface (F7	``	3Indicators of h	ydrophytic vegetation and		
	Mucky Mineral (S1)			Depression	-	,		drology must be present,		
I — ·	icky Peat or Peat (S	33)			(, -)			urbed or problematic.		
Restrictive	Layer (if observed	):								
Type: <u>N</u>	/A		_					sent? Yes No		
Depth (in	ches):						Hydric Soil Pre	sent? Yes No		
Remarks:										
Hydric	soils are pre	esent.								
HYDROLO	GY									
Wetland Hy	drology Indicators	:								
Primary India	cators (minimum of	one is require	d; check all that a	pply)			Secondary Ir	ndicators (minimum of two required)		
✓ Surface	Water (A1)		Water-Sta	ined Leav	ves (B9)		Surface	Soil Cracks (B6)		
✓ High Wa	ater Table (A2)		Aquatic F	auna (B13	3)		✓ Drainage Patterns (B10)			
✓ Saturation	on (A3)		True Aqua	atic Plants	s (B14)		Dry-Sea	son Water Table (C2)		
	larks (B1)		Hydrogen		, ,			Burrows (C8)		
I —	nt Deposits (B2)				eres on Liv	-	—	on Visible on Aerial Imagery (C9)		
	posits (B3)		Presence			,		or Stressed Plants (D1)		
-	at or Crust (B4)		Recent Iro			ed Soils (C	· —	phic Position (D2)		
ı —	oosits (B5) on Visible on Aerial	Imageny (B7)	Thin Muck Gauge or		. ,		Y FAC-Ne	utral Test (D5)		
_	y Vegetated Conca									
Field Obser				piani iii i	omamo,					
Surface Wat		Yes ✓ No	o Depth (in	ches): 2						
Water Table		_	Depth (in			_				
Saturation P	resent?	_	Depth (in			We	tland Hydrology Pr	esent? Yes No		
(includes car Describe Re	oillary fringe) corded Data (strear	n gauge, mon	itoring well, aerial	photos, p	revious in:	spections)	, if available:			
Remarks:										
Hydrolo	gy indicator	s are pr	esent.							

Project/Site: ^ t ‡ ) ? n " ‡ S _ ĺ 5 " ] ‡ H ‡   B Å " ¡	íí‡ c	ity/Count	y: iêőD	) ‡	Sampling Date: _	н н
Applicant/Owner: ^ t				State: _ > " i	Sampling Point: _	
 Investigator(s): _^q‡Æ¡ĺ́] ñp‡ q‡€ ĺê_]	s	ection, T	ownship, Rai	S019, T0	)03, RŎ07 ¯	
Landform (hillslope, terrace, etc.): S_5?_]]; ñ						
Slope (%): Lat: q						
Soil Map Unit Name: _t ê						
Are climatic / hydrologic conditions on the site typical for this tim	ne of vea	r? Yes	✓ No	(If no explain in R	emarks )	
Are Vegetation, Soil, or Hydrology signif						No
Are Vegetation, Soil, or Hydrology natur				eded, explain any answe		140
SUMMARY OF FINDINGS – Attach site map sho						atures, etc.
			ng point it	Journal of transcorts	,роталь то	214100, 010.
Hydrophytic Vegetation Present?  Yes No		ls t	he Sampled	Area		
Wetland Hydrology Present? Yes ✓ No _		wit	hin a Wetlan	nd? Yes	No	
Remarks:						
→ ê õ ĺ t̂ ‡ ! ‡¢ _ n ĺ õ mõ Ń ‡ñ — ] ¡?N <u>õ</u> ौ\4	<b>q</b> <u>‡</u> n	ĺõῆ]N	<b>#</b> ‡]n}?	?; <u>N</u>	‡N ? õ fi <u>n</u> õţ	Å ¡ ñ — q
VEGETATION – Use scientific names of plants.						
			t Indicator	Dominance Test work	sheet:	
<u>Tree Stratum</u> (Plot size:			Status	Number of Dominant S That Are OBL, FACW,		(A)
2				Total Number of Domin	ant	
3				Species Across All Stra		(B)
4				Percent of Dominant Sp	pecies	
5				That Are OBL, FACW,	or FAC:	(A/B)
Sapling/Shrub Stratum (Plot size: ‡ n ‡ ?)	=	Total Co	over	Prevalence Index wor	ksheet:	
1				Total % Cover of:	Multiply	/ by:
2				OBL species	x 1 =	
3				FACW species	x 2 =	
4				FAC species	x 3 =	
5				FACU species		
	=	Total Co	over	UPL species		
Herb Stratum (Plot size:		1	> @	Column Totals:	(A)	(B)
1.			> @	Prevalence Index	= B/A = Q	
3. Hõ?_«‡ž}ĺ5¡ñ ¡N_õ			- HÆ	Hydrophytic Vegetation		
eñő‡ê¡ñ ?			> @	✓ 1 - Rapid Test for H	Hydrophytic Vegeta	ation
5.				✓ 2 - Dominance Tes	st is >50%	
6				✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>	
7				4 - Morphological A	Adaptations¹ (Provi	de supporting
8				data in Remarks  Problematic Hydro	s or on a separate	, ,
9				Problematic Hydro	pnytic vegetation	(Explain)
10				<sup>1</sup> Indicators of hydric soi	il and wetland hydr	ology must
Woody Vine Stratum (Plot size: _ ‡ n ‡ ?)	<u> </u>	Total Co	over	be present, unless distu		
1				Hydrophytic		
2				Vegetation   Present? Ye	s No	
<u> </u>		Total Co	over			
Remarks: (Include photo numbers here or on a separate sheet	-					
€°N? 5"°¤ž <u>;</u> B-‡_nõp];Φ?ñ <u>‡</u> ]_ñı	n q					

US Army Corps of Engineers

SOII			

Sampling Point: H H

	atrix	Redox Features			
Depth M (inches) Color (mo		Color (moist) % Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
- Ó ‡		Ó ‡ D H	- <u> </u>	HÍõ°	
-					
1		<del> </del>		2	
Hydric Soil Indicators:	D=Depletion, RM=R	educed Matrix, MS=Masked Sand G	rains.		.=Pore Lining, M=Matrix.  Problematic Hydric Soils³:
•		Sandy Clayed Matrix (SA)			•
Histosol (A1) Histic Epipedon (A2)		<ul><li>Sandy Gleyed Matrix (S4)</li><li>Sandy Redox (S5)</li></ul>		Coast Prail	rie Redox (A16)
Black Histic (A3)		Stripped Matrix (S6)		_	anese Masses (F12)
Hydrogen Sulfide (A4)	)	Loamy Mucky Mineral (F1)	)		ow Dark Surface (TF12)
Stratified Layers (A5)		Loamy Gleyed Matrix (F2)			lain in Remarks)
2 cm Muck (A10)		Depleted Matrix (F3)			•
Depleted Below Dark	Surface (A11)	Redox Dark Surface (F6)			
Thick Dark Surface (A	,	Depleted Dark Surface (F7	7)		ydrophytic vegetation and
Sandy Mucky Mineral		Redox Depressions (F8)			drology must be present,
5 cm Mucky Peat or P	. ,			unless dist	urbed or problematic.
Restrictive Layer (if obse	erved):				
Type:) D		_		Hydric Soil Pre	sent? Yes No
Depth (inches):		_		riyana con rita	
Remarks:					
HYDROLOGY					
Wetland Hydrology Indic					
Primary Indicators (minimu	ım of one is required	check all that apply)			
		, orlook all triat apply)		Secondary Ir	ndicators (minimum of two required)
Surface Water (A1)		Water-Stained Leaves (B9)			dicators (minimum of two required) Soil Cracks (B6)
<ul><li>Surface Water (A1)</li><li>High Water Table (A2)</li></ul>	)			Surface	
✓ High Water Table (A2) ✓ Saturation (A3)	)	<ul><li> Water-Stained Leaves (B9)</li><li>✓ Aquatic Fauna (B13)</li><li> True Aquatic Plants (B14)</li></ul>		Surface Drainage Dry-Sea	Soil Cracks (B6) Patterns (B10) Son Water Table (C2)
✓ High Water Table (A2)	)	Water-Stained Leaves (B9) ✓ Aquatic Fauna (B13)		Surface Drainage Dry-Sea	Soil Cracks (B6) e Patterns (B10)
✓ High Water Table (A2) ✓ Saturation (A3)		<ul><li> Water-Stained Leaves (B9)</li><li>✓ Aquatic Fauna (B13)</li><li> True Aquatic Plants (B14)</li></ul>	ving Roots (C	Surface  Drainage  Dry-Sea  Crayfish	Soil Cracks (B6) Patterns (B10) Son Water Table (C2)
✓ High Water Table (A2) ✓ Saturation (A3)  — Water Marks (B1)  — Sediment Deposits (B  — Drift Deposits (B3)	2)	<ul><li>Water-Stained Leaves (B9)</li><li>✓ Aquatic Fauna (B13)</li><li>True Aquatic Plants (B14)</li><li>Hydrogen Sulfide Odor (C1)</li></ul>	•	Surface Drainage Dry-Sea Crayfish Saturatio	Soil Cracks (B6) Patterns (B10) Son Water Table (C2) Burrows (C8)
✓ High Water Table (A2) ✓ Saturation (A3)  Water Marks (B1)  Sediment Deposits (B	2)	<ul> <li>Water-Stained Leaves (B9)</li> <li>✓ Aquatic Fauna (B13)</li> <li>True Aquatic Plants (B14)</li> <li>Hydrogen Sulfide Odor (C1)</li> <li>Oxidized Rhizospheres on Li</li> </ul>	(4)	Surface  Drainage  Dry-Sea  Crayfish  Saturation  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
✓ High Water Table (A2) ✓ Saturation (A3)  — Water Marks (B1)  — Sediment Deposits (B  — Drift Deposits (B3)	2)	<ul> <li>Water-Stained Leaves (B9)</li> <li>✓ Aquatic Fauna (B13)</li> <li>True Aquatic Plants (B14)</li> <li>Hydrogen Sulfide Odor (C1)</li> <li>Oxidized Rhizospheres on Li</li> <li>Presence of Reduced Iron (C</li> </ul>	(4)	Surface  Drainage  Dry-Sea  Crayfish  Saturation  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
✓ High Water Table (A2) ✓ Saturation (A3)  Water Marks (B1)  Sediment Deposits (B3) ✓ Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on A	2) ·) Aerial Imagery (B7)	Water-Stained Leaves (B9)     ✓ Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Li     Presence of Reduced Iron (C)     Recent Iron Reduction in Tille     Thin Muck Surface (C7)     Gauge or Well Data (D9)	(4)	Surface  Drainage  Dry-Sea  Crayfish  Saturation  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
High Water Table (A2)     Saturation (A3)     Water Marks (B1)     Sediment Deposits (B3)     Drift Deposits (B3)     ✓ Algal Mat or Crust (B4)     Iron Deposits (B5)     Inundation Visible on Asparsely Vegetated C	2) ·) Aerial Imagery (B7)	Water-Stained Leaves (B9)     ✓ Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Li     Presence of Reduced Iron (C)     Recent Iron Reduction in Tille     Thin Muck Surface (C7)     Gauge or Well Data (D9)	(4)	Surface  Drainage  Dry-Sea  Crayfish  Saturation  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
✓ High Water Table (A2) ✓ Saturation (A3)  Water Marks (B1)  Sediment Deposits (B3) ✓ Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on A	2) -) Aerial Imagery (B7) oncave Surface (B8	Water-Stained Leaves (B9)     ✓ Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Li     Presence of Reduced Iron (C)     Recent Iron Reduction in Tille     Thin Muck Surface (C7)     Gauge or Well Data (D9)     Other (Explain in Remarks)	ed Soils (C6)	Surface  Drainage  Dry-Sea  Crayfish  Saturation  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
✓ High Water Table (A2) ✓ Saturation (A3)  — Water Marks (B1)  — Sediment Deposits (B3) ✓ Algal Mat or Crust (B4)  — Iron Deposits (B5)  — Inundation Visible on A  — Sparsely Vegetated C	2) Aerial Imagery (B7) oncave Surface (B8) Yes No	Water-Stained Leaves (B9)     ✓ Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Li     Presence of Reduced Iron (C)     Recent Iron Reduction in Tille     Thin Muck Surface (C7)     Gauge or Well Data (D9)     Other (Explain in Remarks)	ed Soils (C6)	Surface  Drainage  Dry-Sea  Crayfish  Saturation  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
✓ High Water Table (A2)     ✓ Saturation (A3)       Water Marks (B1)       Sediment Deposits (B3)     ✓ Algal Mat or Crust (B4)       Iron Deposits (B5)       Inundation Visible on Asparsely Vegetated C	2) Aerial Imagery (B7) oncave Surface (B8) Yes No	Water-Stained Leaves (B9)     ✓ Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Li     Presence of Reduced Iron (C)     Recent Iron Reduction in Tille     Thin Muck Surface (C7)     Gauge or Well Data (D9)     Other (Explain in Remarks)	ed Soils (C6)	Surface  Drainage  Dry-Sea  Crayfish  Saturation  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
✓ High Water Table (A2)     ✓ Saturation (A3)       Water Marks (B1)       Sediment Deposits (B3)     ✓ Algal Mat or Crust (B4)       Iron Deposits (B5)       Inundation Visible on Asparsely Vegetated Comparison of Compa	2)  Aerial Imagery (B7) oncave Surface (B8)  Yes   Yes   No Yes   No	Water-Stained Leaves (B9)  ✓ Aquatic Fauna (B13)  — True Aquatic Plants (B14)  — Hydrogen Sulfide Odor (C1)  — Oxidized Rhizospheres on Li  — Presence of Reduced Iron (C  — Recent Iron Reduction in Tille  — Thin Muck Surface (C7)  — Gauge or Well Data (D9)  Other (Explain in Remarks)  — Depth (inches):  — Depth (inches):  — Depth (inches):	ed Soils (C6)  Wetlar	Surface  Drainage  Dry-Sea  Crayfish  Saturatic  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
✓ High Water Table (A2 ✓ Saturation (A3)  Water Marks (B1)  Sediment Deposits (B3) ✓ Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Sparsely Vegetated C  Field Observations:  Surface Water Present?  Water Table Present?  Saturation Present?  (includes capillary fringe)	2)  Aerial Imagery (B7) oncave Surface (B8)  Yes   Yes   No Yes   No	Water-Stained Leaves (B9)     ✓ Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Li     Presence of Reduced Iron (C)     Recent Iron Reduction in Tille     Thin Muck Surface (C7)     Gauge or Well Data (D9)     Other (Explain in Remarks)      Depth (inches):	ed Soils (C6)  Wetlar	Surface  Drainage  Dry-Sea  Crayfish  Saturatic  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
✓ High Water Table (A2)     ✓ Saturation (A3)       Water Marks (B1)       Sediment Deposits (B3)     ✓ Algal Mat or Crust (B4)       Iron Deposits (B5)       Inundation Visible on Asparsely Vegetated Comparison of Compa	2)  Aerial Imagery (B7) oncave Surface (B8)  Yes   Yes   No Yes   No	Water-Stained Leaves (B9)  ✓ Aquatic Fauna (B13)  — True Aquatic Plants (B14)  — Hydrogen Sulfide Odor (C1)  — Oxidized Rhizospheres on Li  — Presence of Reduced Iron (C  — Recent Iron Reduction in Tille  — Thin Muck Surface (C7)  — Gauge or Well Data (D9)  Other (Explain in Remarks)  — Depth (inches):  — Depth (inches):  — Depth (inches):	ed Soils (C6)  Wetlar	Surface  Drainage  Dry-Sea  Crayfish  Saturatic  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Sparsely Vegetated Cofield Observations:  Surface Water Present?  Water Table Present?  Saturation Present?  (includes capillary fringe)  Describe Recorded Data (Semarks:	2) Aerial Imagery (B7) oncave Surface (B8)  Yes No Yes No Yes No Yes No	Water-Stained Leaves (B9)  ✓ Aquatic Fauna (B13)  — True Aquatic Plants (B14)  — Hydrogen Sulfide Odor (C1)  — Oxidized Rhizospheres on Li  — Presence of Reduced Iron (C  — Recent Iron Reduction in Tille  — Thin Muck Surface (C7)  — Gauge or Well Data (D9)  ) — Other (Explain in Remarks)  — Depth (inches):  — Depth (inches):  — Depth (inches):  — oring well, aerial photos, previous in	ed Soils (C6)  Wetlar	Surface  Drainage  Dry-Sea  Crayfish  Saturatic  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
✓ High Water Table (A2) ✓ Saturation (A3)   Water Marks (B1)   Sediment Deposits (B3) ✓ Algal Mat or Crust (B4)   Iron Deposits (B5)   Inundation Visible on A   Sparsely Vegetated C  Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (5)	2) Aerial Imagery (B7) oncave Surface (B8)  Yes No Yes No Yes No Yes No	Water-Stained Leaves (B9)  ✓ Aquatic Fauna (B13)  — True Aquatic Plants (B14)  — Hydrogen Sulfide Odor (C1)  — Oxidized Rhizospheres on Li  — Presence of Reduced Iron (C  — Recent Iron Reduction in Tille  — Thin Muck Surface (C7)  — Gauge or Well Data (D9)  ) — Other (Explain in Remarks)  — Depth (inches):  — Depth (inches):  — Depth (inches):  — oring well, aerial photos, previous in	ed Soils (C6)  Wetlar	Surface  Drainage  Dry-Sea  Crayfish  Saturatic  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)

Project/Site: AEP North Delphos - Rockhill	c	City/Coun	<sub>ity:</sub> Lima / 🗗	Allen	_ Sampling D	oate: 2021-07-0	01
Applicant/Owner: AEP				State: Ohio	_ Sampling P	oint: 1-AB/AC U	PL
Investigator(s): J. Holmes E. Wilson		Section,	Township, Rar	nge:S019 T003	R007		
Landform (hillslope, terrace, etc.): Upland, Flat			_ Local relief (	(concave, convex, none	): None		
Slope (%): 1 Lat: 40.763124	ι	_ong: <b>-8</b>	4.093158		_ Datum: Wo	GS 84	
Soil Map Unit Name:Ble1A1				NWI classif	ication: N/A		
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes_	✓ No _	(If no, explain in	Remarks.)		
Are Vegetation, Soil, or Hydrology signature.	gnificantly o	disturbed	? Are "	Normal Circumstances"	present? Ye	es No	
Are Vegetation, Soil, or Hydrology na	aturally prob	blematic?	(If ne	eded, explain any answ	ers in Remark	s.)	
SUMMARY OF FINDINGS - Attach site map s	howing	sampli	ing point lo	ocations, transect	s, importa	nt features, e	tc.
Hydrophytic Vegetation Present? Yes No	,						_
Hydric Soil Present? Yes No			the Sampled			./	
Wetland Hydrology Present? Yes No	<u>,</u>	wi	thin a Wetlan	id? Yes	No	<u> </u>	
Remarks:							
Representative of maintained mowe	ed area	١.					
VEGETATION – Use scientific names of plants.							
7 0	Absolute		nt Indicator	Dominance Test wor	ksheet:		
Tree Stratum (Plot size: 30 ft r ) 1			Status	Number of Dominant S That Are OBL, FACW		(A)	
2				Total Number of Domi			
3				Species Across All Str	rata: <u>2</u>	(B)	
4.       5.				Percent of Dominant S That Are OBL, FACW		(A/E	B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total C	over	Prevalence Index wo	rksheet:		_
1				Total % Cover of:		Multiply by:	
2.					x 1 =		
3.				FACW species 0	x 2 =	: 0	
4				1		: <u>0</u>	
5				FACU species 100		400	
E 64 v	=	= Total C	Cover			: <u>0</u>	
Herb Stratum (Plot size: 5 ft r )  1. Trifolium repens	60	/	FACU	Column Totals: 100	(A)	400 (B	)
2 Dactylis glomerata	20		FACU	Prevalence Inde	x = B/A = 4	.0	
3. Lolium perenne	10		FACU	Hydrophytic Vegetat	ion Indicator	's:	_
4. Plantago lanceolata	10		FACU	1 - Rapid Test for	Hydrophytic \	√egetation	
5.				2 - Dominance Te	est is >50%		
6				3 - Prevalence Inc	dex is ≤3.0¹		
7				4 - Morphological	Adaptations <sup>1</sup>	(Provide supportir	ng
8				data in Remar			
9				Problematic Hydro	opriytic veget	ation (Explain)	
10	100%			<sup>1</sup> Indicators of hydric so	oil and wetlan	d hydrology must	
Woody Vine Stratum (Plot size: 30 ft r	100%_			be present, unless dis			
1				Hydrophytic			
2				Vegetation Present? Y	es I	No	
Remarks: (Include photo numbers here or on a separate si		= Total C	over				
	-	n in :	ant proce	ont.			
A preponderance of hydrophytic ve	getatic	ווע ווע	iot prese	ziil -			

Soll Sampling Point: 1-AB/AC UPL

Profile Description: (Describ	e to the depth n	eeded to docu	ment the i	ndicator	or confirn	n the absence of i	ndicators.)
Depth Matrix		Redo	x Features	3			
(inches) Color (moist)	% (	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-6 10YR 4/3	100					Sandy Clay Loam	
-							
-							
— <u> </u>							
<u> </u>							
<u>-</u>							
-							
<sup>1</sup> Type: C=Concentration, D=De	nletion PM=Per	duced Matrix M	S=Macked	Sand Gra		2l ocation: Pl	L=Pore Lining, M=Matrix.
Hydric Soil Indicators:	spiedon, ravi–rae	duced Matrix, M	0-Masked	Cana Gra	airis.		Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		Sandy	Gleyed Ma	trix (S4)			rie Redox (A16)
Histic Epipedon (A2)			Redox (S5			Dark Surfa	
Black Histic (A3)			d Matrix (S	,		_	anese Masses (F12)
Hydrogen Sulfide (A4)			Mucky Mir				ow Dark Surface (TF12)
Stratified Layers (A5)		Loamy	Gleyed Ma	atrix (F2)		Other (Exp	olain in Remarks)
2 cm Muck (A10)			ed Matrix (F	,			
Depleted Below Dark Surfa	ace (A11)	_	Dark Surfa	, ,		2	
Thick Dark Surface (A12)			ed Dark Su		)		nydrophytic vegetation and
Sandy Mucky Mineral (S1)		Redox	Depression	ns (F8)			drology must be present,
5 cm Mucky Peat or Peat ( Restrictive Layer (if observed)						uniess disi	turbed or problematic.
Type:		-				Hydric Soil Pre	sent? Yes No
Depth (inches):							
Remarks:							
The soil profile doe				,			
HYDROLOGY							
Wetland Hydrology Indicators	s:						
Primary Indicators (minimum of		check all that a	(vlga			Secondary I	ndicators (minimum of two required)
Surface Water (A1)			ined Leave	es (B9)			Soil Cracks (B6)
High Water Table (A2)			auna (B13)	, ,			e Patterns (B10)
Saturation (A3)			atic Plants				ason Water Table (C2)
Water Marks (B1)		Hydrogen					Burrows (C8)
Sediment Deposits (B2)			Rhizosphe	, ,	ing Roots		on Visible on Aerial Imagery (C9)
Drift Deposits (B3)		Presence	-		-		or Stressed Plants (D1)
Algal Mat or Crust (B4)		Recent Iro					rphic Position (D2)
Iron Deposits (B5)		Thin Mucl			•	-	eutral Test (D5)
Inundation Visible on Aeria	Imagery (B7)	Gauge or				_	. ,
Sparsely Vegetated Conca	ve Surface (B8)						
Field Observations:			-				
Surface Water Present?	Yes No _	Depth (in	iches):		_		
Water Table Present?	Yes No _	Depth (in	iches):		_		
	Yes No _					land Hydrology Pr	resent? Yes No
(includes capillary fringe)	10310	Depart (iii			_   ****	and riyarology i	csciii: 163 <u> </u>
Describe Recorded Data (strea	m gauge, monito	ring well, aerial	photos, pre	evious ins	pections),	if available:	
No primary and or second	dary wetland l	nydrology ind	dicators	were pre	esent at	the time of sar	npling
Remarks:							

Project/Site: AEP North Delphos - Rockhill		City/Cou	<sub>inty:</sub> <u>Lima</u> / F	Allen	Sampling Date: 2021-07-01
Applicant/Owner: AEP					Sampling Point: 1-AD
Investigator(s): J. Holmes E. Wilson		Section,	Township, Rar	nge:S020 T003 F	<del>1</del> 007
Landform (hillslope, terrace, etc.): Depression					
	ι	_ong:	84.0865026	<u> </u>	Datum: WGS 84
Soil Map Unit Name:Ble1A1				NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Yes	No	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology sig	gnificantly o	disturbed	d? Are "	Normal Circumstances" p	present? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	blematic	? (If ne	eded, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	samp	ling point l	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No			the Sampled		N-
Wetland Hydrology Present? Yes <u>✓</u> No	<u>' — —                                   </u>	w	vithin a Wetlan	id? Yes	No
Remarks:					
Wetland in existing Station depressi	ion .				
<b>VEGETATION</b> – Use scientific names of plants.					
	Absolute % Cover		ant Indicator s? Status	Dominance Test work	
1				Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domin	ant
3				Species Across All Stra	•
4.       5.				Percent of Dominant Sp	
			Cover	That Are OBL, FACW, o	(***,
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index work	
1				Total % Cover of: OBL species 60	$ \qquad $
2 3					$x = \frac{1}{80}$
4					x 3 = 0
5					x 4 = 0
			Cover		x 5 = 0
Herb Stratum (Plot size: 5 ft r )   1. Typha angustifolia	60	/		Column Totals: 100	(A) <u>140</u> (B)
2. Carex cristatella	20		- FACW	Prevalence Index	= B/A = <u>1.4</u>
3. Carex scoparia	10		- FACW	Hydrophytic Vegetation	
4. Phragmites australis	10		FACW	✓ 1 - Rapid Test for H	Hydrophytic Vegetation
5.				✓ 2 - Dominance Tes	it is >50%
6				✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>
7				4 - Morphological A	Adaptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8				1	phytic Vegetation <sup>1</sup> (Explain)
9					my to togotation (Explain)
10	100%	- Total (			l and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	10070	- Total v	Cover	be present, unless distu	ırbed or problematic.
1				Hydrophytic	
2			Cover	Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate sl		- Total (	00461	l	
A preponderance of hydrophytic ve		nn ie	nresent		
	gotatic	10	Procent		

SOIL Sampling Point: 1-AD

Profile Desc	ription: (Describe	to the dep	th needed to docur	nent the	indicator	or confire	n the absence of ir	ndicators.)
Depth	Matrix			x Feature	es			
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup> _	_Loc <sup>2</sup>	Texture	Remarks
0-5	10YR 5/2	95	10YR 4/6				Silt Loam	
5-20	10YR 5/1	85	10YR 4/6	15	С	М	Sandy Clay Loam	
-								
<u> </u>					- —			
<u> </u>				- ——				
<u> </u>								
		pletion, RM=	Reduced Matrix, M	S=Maske	d Sand Gr	ains.		=Pore Lining, M=Matrix.
Hydric Soil								Problematic Hydric Soils <sup>3</sup> :
Histosol				-	atrix (S4)			ie Redox (A16)
	oipedon (A2) stic (A3)			Redox (S d Matrix (	-		Dark Surfac	nese Masses (F12)
	en Sulfide (A4)				ineral (F1)			ow Dark Surface (TF12)
	d Layers (A5)				latrix (F2)			lain in Remarks)
ı —	ıck (A10)		Deplete					
I — ·	d Below Dark Surfa	ce (A11)	_	Dark Surf	, ,		31	order of the discount of the second
ı —	ark Surface (A12)  Mucky Mineral (S1)			d Dark S Depressio	urface (F7)	)		ydrophytic vegetation and drology must be present,
	icky Peat or Peat (S	33)		Depression	) iis (i 0)			urbed or problematic.
	Layer (if observed)	•						- Promotion
Type:								
Depth (in	ches):						Hydric Soil Pres	sent? Yes No
Remarks:								
The soi	l profile mee	ets the	criteria for h	aving	a dep	leted r	matrix	
HYDROLO								
1	drology Indicators							
		one is requi	red; check all that ap		.=-:			dicators (minimum of two required)
_	Water (A1)		Water-Sta		` '			Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic Fa					Patterns (B10)
I —	larks (B1)		True Aqua Hydrogen		, ,			son Water Table (C2) Burrows (C8)
	nt Deposits (B2)		X Oxidized F			ina Roots		on Visible on Aerial Imagery (C9)
	posits (B3)		Presence			-	—	or Stressed Plants (D1)
I —	at or Crust (B4)		Recent Iro		,	,		phic Position (D2)
ı —	oosits (B5)		Thin Muck			`		utral Test (D5)
Inundati	on Visible on Aerial	Imagery (B	7) Gauge or	Well Data	a (D9)			
Sparsely	Vegetated Concav	re Surface (I	B8) Other (Exp	olain in R	emarks)			
Field Obser			_					
Surface Wat			No Depth (in					
Water Table	Present?	Yes	No Depth (in	ches):				
Saturation P		Yes	No Depth (in	ches):		Wet	land Hydrology Pre	esent? Yes No
(includes cap Describe Re		n gauge, mo	onitoring well, aerial	photos, p	revious ins	pections),	if available:	
Remarks:								
Multiple	indicators of	of wetla	and hydrolog	y we	re pres	sent at	t the time of	sampling
'			, ,	•	•			. •

Project/Site: AEP North Delphos - Rockhill	c	ity/County:	Lima/ Al	LLEN	Sampling Date: 2021-07-01
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-AD UPL
Investigator(s): J. Holmes E. Wilson	s	Section, Tov	wnship, Rar	nge:	
Landform (hillslope, terrace, etc.): Upland, Flat		L	ocal relief (	concave, convex, none):	None
Slope (%): 1 Lat: 40.7625139	L	ong: <u>-</u> 84.	0864839	)	Datum: WGS 84
Soil Map Unit Name:Ble1A1				NWI classific	ation:
Are climatic / hydrologic conditions on the site typical for this	time of year	r? Yes	No	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology si	gnificantly d	isturbed?	Are "I	Normal Circumstances" p	oresent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	lematic?	(If ne	eded, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	showing	sampling	g point lo	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No	· /				
Hydric Soil Present? Yes No		- 1	e Sampled		
Wetland Hydrology Present? Yes No		withi	n a Wetlan	d? Yes	No
Remarks:	aviatina (	Ctation f		Cvieties veed end ou	
Representative of Areas outside wetland within area	existing	Station it	ouprint. i	Existing road and gr	ading have impacted the
VEGETATION – Use scientific names of plants.					
	Absolute	Dominant	Indicator	Dominance Test work	sheet:
Tree Stratum (Plot size: 30 ft r ) 1.	% Cover		Status	Number of Dominant Sp That Are OBL, FACW, of	
2				Total Number of Domin	ant
3				Species Across All Stra	ta: <u>2</u> (B)
4				Percent of Dominant Sp	
5		Total Cov		That Are OBL, FACW, o	or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		10101 001		Prevalence Index work	ksheet:
1				Total % Cover of:	
2			——		x 1 = 0
3					x 2 = 0
4				FAC species 0 FACU species 100	
5				UPL species 0	x = 400 x = 0
Herb Stratum (Plot size: 5 ft r )		= Total Cov	er	Column Totals: 100	(A) 400 (B)
1. Bromus inermis	45	<b>✓</b>	FACU	Column Totals. 100	(A) <del>400</del> (B)
2. Dactylis glomerata	30	✓	FACU	Prevalence Index	= B/A = <u>4.0</u>
3. Lolium perenne	<u>15</u> .		FACU_	Hydrophytic Vegetation	on Indicators:
4. Plantago lanceolata	10		FACU_	1 - Rapid Test for H	
5				2 - Dominance Tes	
6				3 - Prevalence Inde	
7					Adaptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8					ohytic Vegetation¹ (Explain)
9					
10	100% -	Total Cov			l and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	10070	- Total Cov	C1	be present, unless distu	irbed or problematic.
1				Hydrophytic	
2				Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate s		Total Cov	er		
	,	<b>:</b>		<b>L</b>	
A preponderance of hydrophytic ve	getatio	n is no	r prese	ant	

SOIL Sampling Point: 1-AD UPL

Profile Description: (Describe to the depth needed to document the indi	cator or confirm the absence of indicators.)
Depth Matrix Redox Features	
	ype <sup>1</sup> Loc <sup>2</sup> Texture Remarks
<u>0 - 7</u> <u>10YR 4/3</u> <u>100</u>	Sandy Clay Loam
<u> </u>	
<u> </u>	
<u> </u>	
_ <del>-</del>	
<del>-</del>	
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sa	and Grains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Gleyed Matrix	(S4) Coast Prairie Redox (A16)
Histic Epipedon (A2) Sandy Redox (S5)	Dark Surface (S7)
Black Histic (A3) Stripped Matrix (S6)	Iron-Manganese Masses (F12)
Hydrogen Sulfide (A4) Loamy Mucky Minera	· · · · · · · · · · · · · · · · · · ·
Stratified Layers (A5) Loamy Gleyed Matrix	(F2) Other (Explain in Remarks)
2 cm Muck (A10) Depleted Matrix (F3)	(50)
Depleted Below Dark Surface (A11) Redox Dark Surface	
Thick Dark Surface (A12) Depleted Dark Surface	
Sandy Mucky Mineral (S1) Redox Depressions (	(F8) wetland hydrology must be present, unless disturbed or problematic.
5 cm Mucky Peat or Peat (S3)  Restrictive Layer (if observed):	unless disturbed of problematic.
Type:	
• •	Hydric Soil Present? Yes No
Depth (inches):	
Remarks:	
inches	ny hydric soil indicators. Rock refusal at 7
inches HYDROLOGY	The second of th
HYDROLOGY	Secondary Indicators (minimum of two required)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)	Secondary Indicators (minimum of two required)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)  Water-Stained Leaves (	Secondary Indicators (minimum of two required)  — Surface Soil Cracks (B6)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained Leaves ( High Water Table (A2) Aquatic Fauna (B13)	Secondary Indicators (minimum of two required)  B9) Surface Soil Cracks (B6) Drainage Patterns (B10)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained Leaves ( High Water Table (A2) Aquatic Fauna (B13) Saturation (A3) True Aquatic Plants (B1	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6)  Drainage Patterns (B10)  Dry-Season Water Table (C2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained Leaves ( High Water Table (A2) Aquatic Fauna (B13)  Saturation (A3) True Aquatic Plants (B1 Water Marks (B1) Hydrogen Sulfide Odor	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6)  Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained Leaves ( High Water Table (A2) Aquatic Fauna (B13)  Saturation (A3) True Aquatic Plants (B1 Water Marks (B1) Hydrogen Sulfide Odor Sediment Deposits (B2) Oxidized Rhizospheres	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6)    Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8)  on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained Leaves ( High Water Table (A2) Aquatic Fauna (B13)  Saturation (A3) True Aquatic Plants (B1 Water Marks (B1) Hydrogen Sulfide Odor Sediment Deposits (B2) Oxidized Rhizospheres Drift Deposits (B3) Presence of Reduced In	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6)     Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8)  on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)  ron (C4) Stunted or Stressed Plants (D1)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained Leaves ( High Water Table (A2) Aquatic Fauna (B13)  Saturation (A3) True Aquatic Plants (B1 Water Marks (B1) Hydrogen Sulfide Odor Sediment Deposits (B2) Oxidized Rhizospheres Drift Deposits (B3) Presence of Reduced Ir Algal Mat or Crust (B4) Recent Iron Reduction i	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8) on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) on (C4) Stunted or Stressed Plants (D1) on Tilled Soils (C6) Geomorphic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained Leaves ( High Water Table (A2) Aquatic Fauna (B13)  Saturation (A3) True Aquatic Plants (B1 Water Marks (B1) Hydrogen Sulfide Odor Sediment Deposits (B2) Oxidized Rhizospheres Drift Deposits (B3) Presence of Reduced In Algal Mat or Crust (B4) Recent Iron Reduction i Iron Deposits (B5) Thin Muck Surface (C7)	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8) on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)  ron (C4) Stunted or Stressed Plants (D1) in Tilled Soils (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained Leaves ( High Water Table (A2) Aquatic Fauna (B13)  Saturation (A3) True Aquatic Plants (B1 Water Marks (B1) Hydrogen Sulfide Odor Sediment Deposits (B2) Oxidized Rhizospheres Drift Deposits (B3) Presence of Reduced Ir Algal Mat or Crust (B4) Recent Iron Reduction i Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D8)	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8) on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) fron (C4) Stunted or Stressed Plants (D1) in Tilled Soils (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained Leaves ( High Water Table (A2) Aquatic Fauna (B13)  Saturation (A3) True Aquatic Plants (B1 Water Marks (B1) Hydrogen Sulfide Odor Sediment Deposits (B2) Oxidized Rhizospheres Drift Deposits (B3) Presence of Reduced In Algal Mat or Crust (B4) Recent Iron Reduction i Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9 Sparsely Vegetated Concave Surface (B8) Other (Explain in Remain	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8) on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) fron (C4) Stunted or Stressed Plants (D1) in Tilled Soils (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained Leaves ( High Water Table (A2) Aquatic Fauna (B13)  Saturation (A3) True Aquatic Plants (B1 Water Marks (B1) Hydrogen Sulfide Odor Sediment Deposits (B2) Oxidized Rhizospheres Drift Deposits (B3) Presence of Reduced In Algal Mat or Crust (B4) Recent Iron Reduction i Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9 Sparsely Vegetated Concave Surface (B8) Other (Explain in Remai	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8) on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) fon (C4) Stunted or Stressed Plants (D1) in Tilled Soils (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)  rks)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2) (C1) Crayfish Burrows (C8) on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) on (C4) Stunted or Stressed Plants (D1) on Tilled Soils (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8)  on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)  ron (C4) Stunted or Stressed Plants (D1)  in Tilled Soils (C6) Geomorphic Position (D2)  price FAC-Neutral Test (D5)  price Secondary Indicators (minimum of two required)  [B9] Surface Soil Cracks (B6)  [B0] Crayfish Burrows (C8)  [B1] Crayfish Burrows (C8)  [B1] Crayfish Burrows (C8)  [B2] Crayfish Burrows (C8)  [B3] Crayfish Burrows (C8)  [B4] Crayfis
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6)    Drainage Patterns (B10)  (4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8)  on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)  ron (C4) Stunted or Stressed Plants (D1)  in Tilled Soils (C6) Geomorphic Position (D2)    FAC-Neutral Test (D5)  prks)  Wetland Hydrology Present? Yes No ✓
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8)  on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)  fon (C4) Stunted or Stressed Plants (D1)  in Tilled Soils (C6) Geomorphic Position (D2)  FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No  bus inspections), if available:
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8)  on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)  fon (C4) Stunted or Stressed Plants (D1)  in Tilled Soils (C6) Geomorphic Position (D2)  FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No  bus inspections), if available:
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8)  on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)  fon (C4) Stunted or Stressed Plants (D1)  in Tilled Soils (C6) Geomorphic Position (D2)  FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No  bus inspections), if available:
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8)  on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)  fon (C4) Stunted or Stressed Plants (D1)  in Tilled Soils (C6) Geomorphic Position (D2)  FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No  bus inspections), if available:
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)	Secondary Indicators (minimum of two required)  (B9) Surface Soil Cracks (B6) Drainage Patterns (B10)  4) Dry-Season Water Table (C2)  (C1) Crayfish Burrows (C8)  on Living Roots (C3) Saturation Visible on Aerial Imagery (C9)  fon (C4) Stunted or Stressed Plants (D1)  in Tilled Soils (C6) Geomorphic Position (D2)  FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No  bus inspections), if available:

Project/Site: AEP North Delphos - Rockhill	C	City/Co	ounty:	Lima / A	llen	Sampling	Date: 2021-	<u>07-01</u>
Applicant/Owner: AEP					State: Ohio		Point: 1-AE F	PEM
Investigator(s): J. Holmes E. Wilson		Section	n, Tov	vnship, Rar	nge:S020 T003 R	007		
Landform (hillslope, terrace, etc.): Depression								
Slope (%): 1 Lat: _40.763241	ι	_ong: _	-84.	087114		Datum: <u>W</u>	/GS 84	
Soil Map Unit Name:Ble1A1					NWI classific	ation: N/A	١	
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Ye	s	No	(If no, explain in R	emarks.)		
Are Vegetation, Soil, or Hydrology signature.	gnificantly d	disturb	ed?	Are "	Normal Circumstances" p	resent? Y	′es N	o
Are Vegetation, Soil, or Hydrology na	aturally prob	olemat	tic?	(If ne	eded, explain any answer	rs in Rema	rks.)	
SUMMARY OF FINDINGS - Attach site map s	howing	samı	pling	g point lo	ocations, transects	, import	ant feature	s, etc.
Hydrophytic Vegetation Present? Yes No								
Hydric Soil Present? Yes No				Sampled				
Wetland Hydrology Present? Yes   ✓ No	<u>'</u>		withi	n a Wetlan	nd? Yes	No_		
Remarks:	. 5-							
Wetland in existing Station depress	ion. PE	Мр	orti	ion of v	wetland comple	X X		
VEGETATION – Use scientific names of plants.								
		Domi	nant	Indicator	Dominance Test work	sheet:		
Tree Stratum (Plot size:30 ft r)  1	% Cover				Number of Dominant Sp That Are OBL, FACW, o		2	(A)
2 3					Total Number of Domini Species Across All Stra		2	(B)
4					Percent of Dominant Sp			` '
5					That Are OBL, FACW, o		100	(A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Tota	I Cov	er	Prevalence Index worl	ksheet:		
1					Total % Cover of:		Multiply by:	_
2						x 1		_
3					FACW species 40			
4			_				= <u>0</u> = <u>0</u>	_
5			L Cov			x 4		_
Herb Stratum (Plot size: 5 ft r )					Column Totals: 100			(B)
1. Typha angustifolia	30			OBL		D/4 1		
2. Phragmites australis 3 Euthamia graminifolia	10			FACW FACW	Prevalence Index  Hydrophytic Vegetation			
0				TAOW	✓ 1 - Rapid Test for H			
4.       5.					✓ 2 - Dominance Tes		, regetation	
6					✓ 3 - Prevalence Inde			
7					4 - Morphological A	daptations	1 (Provide sup	porting
8					data in Remarks			
9					Problematic Hydror	onytic vege	etation (Expla	in)
10	100%				<sup>1</sup> Indicators of hydric soil	I and wetla	nd hydrology r	nust
Woody Vine Stratum (Plot size: 30 ft r	100%	= Tota	I Cov	er	be present, unless distu			
1			_		Hydrophytic			
2			I Cov	 er	Vegetation Present? Yes	s	No	
Remarks: (Include photo numbers here or on a separate s		· ota	000		I			
A preponderance of hydrophytic ve	getatic	on is	s pr	esent				
	J = 10,110		1					

SOIL Sampling Point: 1-AE PEM

Profile Description: (Description: Matrix		Rec	dox Featur	es			
(inches) Color (moist)	%	Color (moist)	<u> </u>	Type <sup>1</sup> _	Loc <sup>2</sup>	Texture	Remarks
0 - 5 10YR 5/2	95	10YR 4/6				Silt Loam	
5 · 20 10YR 5/1	— —— 85	10YR 4/6	 15	_ <del>_</del>	<u></u>	Sandy Clay Loam	
<u> </u>		10111 4/0	_ 10		141		
<del>-</del>							
<del>-</del>							
<u> </u>							
-							
Type: C=Concentration, D=D	epletion, RM	M=Reduced Matrix. N	— ——— MS=Maske	ed Sand Gr	ains.	<sup>2</sup> Location: F	PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:	<u> </u>	· · · · · · · · · · · · · · · · · · ·					r Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		Sandy	Gleyed N	atrix (S4)		Coast Pra	airie Redox (A16)
Histic Epipedon (A2)		Sandy	/ Redox (S	5)		Dark Surf	face (S7)
Black Histic (A3)			ed Matrix (				ganese Masses (F12)
Hydrogen Sulfide (A4)				ineral (F1)			llow Dark Surface (TF12)
Stratified Layers (A5) 2 cm Muck (A10)			y Gleyed N ted Matrix			Other (Ex	rplain in Remarks)
2 cm Muck (A10) Depleted Below Dark Surf	ace (A11)		ted Matrix cDark Sur				
Thick Dark Surface (A12)	,	_		urface (F7	)	<sup>3</sup> Indicators of	hydrophytic vegetation and
Sandy Mucky Mineral (S1	)	Redox	k Depressi	ons (F8)		wetland h	ydrology must be present,
5 cm Mucky Peat or Peat						unless di	sturbed or problematic.
Restrictive Layer (if observe	d):						
Type:						Hydric Soil Pr	esent? Yes No
						Hyuric Son Fr	esenti 1es NO
Depth (inches):Remarks: The soil profile me	ets the	criteria for	having	a dep	leted	matrix	
Remarks: The soil profile me	ets the	criteria for I	having	a dep	leted	matrix	
Remarks: The soil profile me		criteria for	having	a dep	leted	matrix	
Remarks: The soil profile me YDROLOGY Wetland Hydrology Indicato	rs:			a dep	leted		Indicators (minimum of two require
Remarks: The soil profile me YDROLOGY Netland Hydrology Indicato	rs:	uired; check all that a	apply)		leted	Secondary	
Remarks: The soil profile me YDROLOGY Wetland Hydrology Indicato Primary Indicators (minimum of Surface Water (A1)	rs:	uired; check all that a	apply) tained Lea	ves (B9)	leted	Secondary  ✓ Surface	e Soil Cracks (B6)
Primary Indicators (Minimum of Surface Water (A1) High Water Table (A2)	rs:	uired; check all that a Water-Si Aquatic I	apply) tained Lea Fauna (B1	ves (B9)	leted	Secondary  V Surface  V Draina	e Soil Cracks (B6) ge Patterns (B10)
YDROLOGY Wetland Hydrology Indicator Surface Water (A1) High Water Table (A2) Saturation (A3)	rs:	uired; check all that a Water-Si Aquatic I True Aqu	apply) tained Lea Fauna (B1 uatic Plant	ves (B9) 3) s (B14)	leted	Secondary  ✓ Surface ✓ Draina — Dry-Se	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2)
YDROLOGY Vetland Hydrology Indicator Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	rs:	uired; check all that a Water-Si Aquatic I True Aqu Hydroge	apply) tained Lea Fauna (B1 uatic Plant n Sulfide (	ves (B9) 3) s (B14) Odor (C1)		Secondary  Surface Draina Dry-Se Crayfis	e Soil Cracks (B6) ge Patterns (B10)
YDROLOGY Wetland Hydrology Indicator Surface Water (A1) High Water Table (A2) Saturation (A3)	rs:	uired; check all that a  Water-Si  Aquatic I  True Aqu  Hydroge  X Oxidized	apply) tained Lea Fauna (B1 uatic Plant n Sulfide ( I Rhizosph	ves (B9) 3) s (B14) Odor (C1)	ing Roots	Secondary  V Surface V Draina Dry-Se Crayfis G (C3) Satura	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) th Burrows (C8)
YDROLOGY  Vetland Hydrology Indicator  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	rs:	uired; check all that a Water-Si Aquatic I True Aqu Hydroge X Oxidized Presence	apply) tained Lea Fauna (B1 uatic Planti n Sulfide (I	ves (B9) 3) s (B14) Odor (C1) eres on Liv	ring Roots 4)	Secondary  V Surface V Draina Dry-Se Crayfis (C3) Satura Stunte	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9)
YDROLOGY  Wetland Hydrology Indicator  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	rs:	uired; check all that a Water-Si Aquatic I True Aqu Hydroge X Oxidized Presence	apply) tained Lea Fauna (B1 uatic Plantine Color Rhizosph e of Reduction Reduction	ves (B9) 3) s (B14) Odor (C1) eres on Liv ed Iron (C- tion in Tille	ring Roots 4)	Secondary   ✓ Surface   ✓ Draina   Dry-See   Crayfis   Satura   Stuntee   ✓ Geome	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1)
Property Profile Metalogy Indicators (Minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	rs: of one is requ	uired; check all that a — Water-Si — Aquatic I — True Aqu — Hydroge X Oxidized — Presence — Recent I — Thin Mu	apply) tained Lea Fauna (B1 uatic Planti n Sulfide ( I Rhizosph e of Reduc	ves (B9) 3) s (B14) Odor (C1) eres on Liv ed Iron (C4) tion in Tille (C7)	ring Roots 4)	Secondary   ✓ Surface   ✓ Draina   Dry-See   Crayfis   Satura   Stuntee   ✓ Geome	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	rs: of one is requ al Imagery (E	uired; check all that a  Water-Si  Aquatic I  True Aqu  Hydroge  X Oxidized  Presence  Recent I  Thin Muc	apply) tained Lea Fauna (B1 uatic Plant n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface	ves (B9) 3) s (B14) Odor (C1) eres on Liv ed Iron (C4 tion in Tille (C7) a (D9)	ring Roots 4)	Secondary   ✓ Surface   ✓ Draina   Dry-See   Crayfis   Satura   Stuntee   ✓ Geome	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
YDROLOGY  Wetland Hydrology Indicator Primary Indicators (minimum of the content	rs:  If one is required in the second in the	wired; check all that a water-Standard Aquatic I and the model of the	apply) tained Lea Fauna (B1 uatic Plant n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface or Well Dat xplain in R	ves (B9) 3) s (B14) Odor (C1) eres on Liv ed Iron (C4) tion in Tille (C7) a (D9) emarks)	ring Roots 4) d Soils (C	Secondary   ✓ Surface   ✓ Draina   Dry-See   Crayfis   Satura   Stuntee   ✓ Geome	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
YDROLOGY  Wetland Hydrology Indicator  Frimary Indicators (minimum of Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aeri  Sparsely Vegetated Conc	rs:  of one is requal  al Imagery (Eave Surface	wired; check all that a water-Si Aquatic I True Aquatic I Hydroge X Oxidized Presence Recent I Thin Muc G7) Gauge of (B8) Other (E	apply) tained Lea Fauna (B1 uatic Plant: n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface or Well Date xplain in R	ves (B9) 3) s (B14) Odor (C1) eres on Liv red Iron (C- tion in Tille (C7) a (D9) remarks)	ing Roots 4) d Soils (C	Secondary   ✓ Surface   ✓ Draina   Dry-See   Crayfis   Satura   Stuntee   ✓ Geome	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
YDROLOGY  Wetland Hydrology Indicator  Frimary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeri Sparsely Vegetated Concried Observations:	rs:  of one is requal Imagery (Eave Surface  Yes Yes	wired; check all that a water-Si and Aquatic I are a function of the control of t	apply) tained Lea Fauna (B1 uatic Plant: n Sulfide C I Rhizosph e of Reduc ron Reduc ck Surface or Well Date xplain in R inches): inches):	ves (B9) 3) s (B14) odor (C1) eres on Liv ed Iron (Cition in Tille (C7) a (D9) emarks)	ing Roots 4) d Soils (C	Secondary  V Surface  V Draina  Dry-Se  Crayfis  Sturra  Stunte  Geomo  FAC-N	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) feutral Test (D5)
Proposits (B2) The soil profile me  YDROLOGY  Wetland Hydrology Indicator Primary Indicators (minimum of the second of the secon	rs:  of one is requal Imagery (Eave Surface  Yes Yes	wired; check all that a water-Si Aquatic I True Aquatic I Hydroge X Oxidized Presence Recent I Thin Muc G7) Gauge of (B8) Other (E	apply) tained Lea Fauna (B1 uatic Plant: n Sulfide C I Rhizosph e of Reduc ron Reduc ck Surface or Well Date xplain in R inches): inches):	ves (B9) 3) s (B14) odor (C1) eres on Liv ed Iron (Cition in Tille (C7) a (D9) emarks)	ing Roots 4) d Soils (C	Secondary  V Surface  V Draina  Dry-Se  Crayfis  Sturra  Stunte  Geomo  FAC-N	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) feutral Test (D5)
Proposite Materials (B2)  The soil profile metals (B2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aeri  Sparsely Vegetated Concesticated Water Table Present?  Saturation Present?  Saturation Present?  Saturation Present?  Saturation Present?	rs:  If one is requal Imagery (Eave Surface  Yes Yes Yes	wired; check all that a water-Si and Aquatic I are a function of the control of t	apply) tained Lea Fauna (B1 uatic Plant: n Sulfide C I Rhizosph e of Reduc ron Reduc ck Surface or Well Date xplain in R inches): inches): inches): inches):	ves (B9) 3) s (B14) Odor (C1) eres on Liv red Iron (Cition in Tille (C7) a (D9)	ring Roots 4) d Soils (C	Secondary  Surface  Draina  Dry-Se  Crayfis  Sturra  Stunte  Geomo  FAC-N	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) feutral Test (D5)
Proposits (B2)  The soil profile me  YDROLOGY  Netland Hydrology Indicator  Primary Indicators (minimum of the soil profile me)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aeri  Sparsely Vegetated Conceived Observations:  Surface Water Present?  Nater Table Present?  Saturation Present?  Saturation Present?  Saturation Present?  Secribe Recorded Data (street	rs:  If one is requal Imagery (Eave Surface  Yes Yes Yes	wired; check all that a water-Si and Aquatic I are a function of the control of t	apply) tained Lea Fauna (B1 uatic Plant: n Sulfide C I Rhizosph e of Reduc ron Reduc ck Surface or Well Date xplain in R inches): inches): inches): inches):	ves (B9) 3) s (B14) Odor (C1) eres on Liv red Iron (Cition in Tille (C7) a (D9)	ring Roots 4) d Soils (C	Secondary  Surface  Draina  Dry-Se  Crayfis  Sturra  Stunte  Geomo  FAC-N	ge Patterns (B10) eason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Proposite Materials (B2)  The soil profile metals (B2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aeri  Sparsely Vegetated Concesticated Water Table Present?  Saturation Present?  Saturation Present?  Saturation Present?  Saturation Present?	rs:  of one is required and Imagery (Eave Surface  Yes Yes Yes am gauge, m	wired; check all that a water-Si and Aquatic I and Aquatic	apply) tained Lea Fauna (B1 uatic Plant: n Sulfide C I Rhizosph e of Reduc ron Reduc ck Surface or Well Date xplain in R inches): inches): inches): il photos, p	ves (B9) 3) s (B14) Odor (C1) eres on Liv ed Iron (Cition in Tille (C7) a (D9) emarks)	ring Roots 4) d Soils (C	Secondary  Y Surface Dry-Se Crayfis Stura Stura Stunte FAC-N  Aland Hydrology F	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) th Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)

Project/Site: AEP North Delphos - Rockhill	(	City/Co	unty: Lim	na / All	en	Sampling Date: 2021-07-01
Applicant/Owner: AEP						Sampling Point: 1-AE PFO
Investigator(s): J. Holmes E. Wilson		Section	, Townshi	ip, Rang	e:S020 T003 F	R007
Landform (hillslope, terrace, etc.): Depression					oncave, convex, none):	
		Long: _	-84.087	0374		Datum: WGS 84
Soil Map Unit Name: Ble1A1					NWI classific	ation: PSS1A
Are climatic / hydrologic conditions on the site typical for th	is time of yea	ar? Yes	s	No	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology	significantly	disturbe	ed?	Are "No	ormal Circumstances" p	present? Yes No
Are Vegetation, Soil, or Hydrology	naturally pro	blemati	ic?	(If need	led, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing	samp	oling po	oint loc	ations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes 1	No					
	No		Is the San	-		
Wetland Hydrology Present? Yes ✓ Yes	No		within a V	Wetland	? Yes•	No
Remarks:		. •	_			
Wetland outside of existing station	1 . PFO p	oorti	on of v	wetla	nd complex	
VEGETATION – Use scientific names of plants	S.					
20.64 "	Absolute		nant Indic		Dominance Test work	sheet:
Tree Stratum (Plot size: 30 ft r )  1. Populus deltoides	<u>% Cover</u> 15	Specie	es? Sta FAC	<u> </u>	Number of Dominant Sp	
Ulmus americana	- <del>15</del>				That Are OBL, FACW, o	or FAC: 7 (A)
3. Quercus palustris	- <del>10</del>			<u> </u>	Total Number of Domin	7
4.				,	Species Across All Stra	ta. <u>/ (B)</u>
5					Percent of Dominant Sp That Are OBL, FACW, o	
15 ft r	40%	= Total	Cover			(,
Sapling/Shrub Stratum (Plot size: 15 ft r )  1. Fraxinus pennsylvanica	15	/	FAC		Prevalence Index worl	
2. Cornus racemosa	- <del>13</del>			-	Total % Cover of:  OBL species 60	$\frac{\text{Multiply by:}}{\text{x 1 = } 60}$
3				— I '		x 2 = 160
4						x 3 = 75
5.					ACU species 0	x 4 = 0
- 6	25%	= Total	Cover	—   ı	JPL species 0	x 5 = 0
Herb Stratum (Plot size: 5 ft r )	60	/	OBL	.	Column Totals: 165	(A) <u>295</u> (B)
1. Typha angustifolia 2. Phragmites australis	- <del>30</del>				Prevalence Index	= R/A = 1.8
3. Euthamia graminifolia	- <del>30</del> —		— FAC		Hydrophytic Vegetation	
4				— I .	1 - Rapid Test for H	Hydrophytic Vegetation
5				_	✓ 2 - Dominance Tes	t is >50%
6.				<u>.</u>	3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>
7.				_ -	4 - Morphological A	Adaptations <sup>1</sup> (Provide supporting
8						s or on a separate sheet) phytic Vegetation¹ (Explain)
9				-	Problematic Hydrop	Trylic vegetation (Explain)
10				1	Indicators of hydric soil	I and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	100%	= Total	Cover		pe present, unless distu	
1					Hydrophytic	
2					Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate		= Total	Cover			
	-					
A preponderance of hydrophytic v	egetatio	on is	prese	ent		

SOIL Sampling Point: 1-AE PFO

Profile Descri	iption: (Describe	to the dep	th needed to docur	nent the	indicator	or confin	m the absence of indicators.)			
Depth	Matrix		Redo	x Feature	es					
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup>				
0-5	10YR 4/2	95	10YR 4/6				Silt Loam			
5-20	10YR 6/1	<u>85</u>	10YR 4/6	15	<u>C</u>	<u>M</u>	Silty Clay Loam			
-										
<u> </u>										
<del></del> -				- ——						
1							2			
		oletion, RM=	Reduced Matrix, M	S=Maske	d Sand Gr	ains.	<sup>2</sup> Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils <sup>3</sup> :			
Hydric Soil In			Candy	Classed M.	atrice (CA)		•			
Histosol (A	edon (A2)			Gleyed Ma			Coast Prairie Redox (A16) Dark Surface (S7)			
Black Hist	, ,			Redox (St d Matrix (\$			lron-Manganese Masses (F12)			
ı —	Sulfide (A4)				neral (F1)		Very Shallow Dark Surface (TF12)			
	Layers (A5)				atrix (F2)		Other (Explain in Remarks)			
2 cm Mucl	, , ,			d Matrix (			Other (Explain in Remarks)			
	Below Dark Surfac	e (A11)		Dark Surfa						
	k Surface (A12)	20 (211)	_		urface (F7	)	<sup>3</sup> Indicators of hydrophytic vegetation and			
	icky Mineral (S1)			Depressio	-	,	wetland hydrology must be present,			
	ky Peat or Peat (S	3)			()		unless disturbed or problematic.			
	yer (if observed)	,								
Туре:										
Depth (inch	nes):						Hydric Soil Present? Yes No			
Remarks:										
	prome mee		criteria for h	aviiig	а аср	ictea	matrix			
HYDROLOG	Y Y									
	ology Indicators	:								
1			red; check all that ap	ply)			Secondary Indicators (minimum of two required)			
Surface W			✓ Water-Sta		res (B9)		✓ Surface Soil Cracks (B6)			
I —	er Table (A2)		Aquatic Fa				✓ Drainage Patterns (B10)			
Saturation	, ,		True Aqua				Dry-Season Water Table (C2)			
Water Mai			Hydrogen				Crayfish Burrows (C8)			
	Deposits (B2)		Oxidized F			ina Roots				
Drift Depo			Presence			-	Stunted or Stressed Plants (D1)			
—	or Crust (B4)		Recent Iro		,	,				
Iron Depos			Thin Muck			u 000 (0	✓ FAC-Neutral Test (D5)			
I — ·	n Visible on Aerial	Imagery (B	_		, ,		<u> </u>			
I —			B8) Other (Exp							
Field Observa										
Surface Water		/es	No Depth (in	ches).						
Water Table P			No Depth (in							
Saturation Pre			No Depth (in				tland Hydrology Present? Yes No			
(includes capil	lary fringe)									
Describe Reco	orded Data (strean	n gauge, mo	onitoring well, aerial	photos, pi	revious ins	spections)	, if available:			
Remarks:										
	ndicators (	of wetls	and hydrolog	1\/ \ <i>\\</i> \\	re nred	sent a	t the time of sampling			
Ivialtible	naicators (	) WELIC	ina nyarolog	yy wei	e pre	ociil d	t the time of sampling			
I										

Project/Site: ^ t ‡ ) ? n " ‡ S _ [ 5 " ] ‡ H ‡   B Å	<u>"¡ĺĺ‡</u> c	ity/County	r: ¡êõD	‡ [[_ñ	Sampling Date:	н н
Applicant/Owner: ^ t				State: _ > " i	Sampling Point: H	^ ‡ 2 t ›
Investigator(s): ^q‡Æ¡ĺ́] ñp‡ q‡€ ĺê_]						
Landform (hillslope, terrace, etc.): S _ 5 ? _ ]]; ñ						
Slope (%): Lat: q	L	.ong: H	q		Datum: Æ "›‡	
Soil Map Unit Name: Ble1A1				NWI classific	cation: <u>) ñ _</u>	
Are climatic / hydrologic conditions on the site typical for this						
Are Vegetation, Soil, or Hydrology s	ignificantly d	isturbed?	Are "	Normal Circumstances" p	present? Yes	No
Are Vegetation, Soil, or Hydrology n	aturally prob	lematic?	(If ne	eded, explain any answe	ers in Remarks.)	
SUMMARY OF FINDINGS - Attach site map	showing	samplin	g point le	ocations, transects	, important featu	ıres, etc.
Hydrophytic Vegetation Present? Yes No	0					
Hydric Soil Present? Yes ✓ No.	0		ne Sampled		,	
Wetland Hydrology Present? Yes   ✓ No	o	with	nin a Wetlan	id? Yes	No	
Remarks:						
t → → ‡¢ _ n ĺõ m̃ Nõ‡oã ‡} n ]n‡ ‡‡^ ! D t ‹	> <b>¢</b> _n	lőńBN	<b>∉</b> 5Ⅰ_	« q		
VEGETATION – Use scientific names of plants.						
+ n+2	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size: ‡ n ‡ ?)				Number of Dominant S That Are OBL, FACW,		(4)
1 2						— ( <sup>A</sup> )
3.				Total Number of Domir Species Across All Stra		(B)
4.						_ ()
5				Percent of Dominant S That Are OBL, FACW,		(A/B)
Sapling/Shrub Stratum (Plot size: ‡ n‡? )	=	= Total Co	ver	Prevalence Index wor		
Sapling/Shrub Stratum (Plot size: + ''+'   )     1. H ? ñ } ] ‡ õ ê ê } ê		✓	· HÆ	Total % Cover of:		,.
1. H ?n}]‡oe e}e 2.  "õêñ}]‡ĺõñB_ ĺõnõ			· HÆ	OBL species		
3. t 5}[]‡N_[n ;N_]				FACW species		
4.				FAC species		- 1
5				FACU species	x 4 =	
		Total Co	ver	UPL species	x 5 =	
Herb Stratum (Plot size: _ ‡ n ‡ ? )		/	√ HÆ	Column Totals:	(A)	(B)
1. 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			> @	Prevalence Index	c = B/A = Q	
$3. \rightarrow B; ?5] ‡ \tilde{n} ? \tilde{z}; ? \tilde{n}$			> @	Hydrophytic Vegetation		=
4. а5"õ‡õñ—}]n; Íjõ			> @	✓ 1 - Rapid Test for I		n
5.				✓ 2 - Dominance Tes	st is >50%	
6				✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>	
7.				4 - Morphological		
8				data in Remark Problematic Hydro	s or on a separate she	, I
9				Problematic Hydro	pnytic vegetation (Ex	(piain)
10	. <u> </u>			<sup>1</sup> Indicators of hydric so	il and wetland hydrolo	av must
Woody Vine Stratum (Plot size: ‡ n‡? )	P_=	Total Co	ver	be present, unless dist		gy maor
1				Hydrophytic		
2				Vegetation	./	
	=	= Total Co	ver	Present? Ye	esNo	-
Remarks: (Include photo numbers here or on a separate s	sheet.)					
€°N? 5″°αĭ <u>;</u> B-‡_nõη];βfñ±]_	ñnq					

US Army Corps of Engineers

Depth			Redox Feat	Irae			
(inches)	Matrix Color (moist)		olor (moist) %		Loc²	Texture	Remarks
-	Ó ‡ D						
-	q Ó‡ D		Ó ‡ D	Н —			
	9 0 + 5				<u>.                                    </u>		
-							
-							
Type: C=Conce	entration, D=Deple	etion, RM=Red	uced Matrix, MS=Mas	— ——— – ked Sand Grair	ns.	<sup>2</sup> Location:	PL=Pore Lining, M=Matrix.
Hydric Soil Indi	cators:					Indicators for	or Problematic Hydric Soils³:
Histosol (A1	)		Sandy Gleyed	Matrix (S4)		Coast P	rairie Redox (A16)
Histic Epipedon (A2)			Sandy Redox (S5)			Dark Surface (S7)	
Black Histic (A3)			Stripped Matrix (S6)			Iron-Manganese Masses (F12)	
Hydrogen Sulfide (A4)			Loamy Mucky Mineral (F1)			Very Shallow Dark Surface (TF12)	
Stratified La			Loamy Gleyed			Other (E	xplain in Remarks)
2 cm Muck (	elow Dark Surface	(Δ11)	<ul> <li>Depleted Matri</li> <li>Y Redox Dark St</li> </ul>	, ,			
		(((1))	^	. ,		3Indicators of	of hydrophytic vegetation and
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)			<ul><li>Depleted Dark Surface (F7)</li><li>Redox Depressions (F8)</li></ul>			wetland hydrology must be present,	
	Peat or Peat (S3	)		,			isturbed or problematic.
Restrictive Lay	er (if observed):						
Type:) D							
Depth (inches	s):					Hydric Soil P	resent? Yes No
Remarks:							
HYDROLOGY							
-	logy Indicators:						
	0,						
	rs (minimum of or	ne is required; o	check all that apply)				/ Indicators (minimum of two required)
Surface Wa	rs (minimum of or ter (A1)	ne is required; o	✓ Water-Stained Le			Surfa	ce Soil Cracks (B6)
Surface Wa High Water	rs (minimum of or ter (A1) Table (A2)	ne is required; o	✓ Water-Stained Le	13)		Surfa	ce Soil Cracks (B6) age Patterns (B10)
Surface Wa High Water Saturation (	rs (minimum of or ter (A1) Table (A2) A3)	ne is required; o	✓ Water-Stained Le Aquatic Fauna (B True Aquatic Plan	13) nts (B14)		✓ Surfai ✓ Drain: Dry-S	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2)
Surface Wa High Water Saturation ( Water Mark	rs (minimum of or ter (A1) Table (A2) A3) s (B1)	ne is required; o	✓ Water-Stained Le Aquatic Fauna (E True Aquatic Plai Hydrogen Sulfide	13) nts (B14) Odor (C1)		✓ Surfar ✓ Drain: _ Dry-S _ Crayfi	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8)
Surface Wa High Water Saturation ( Water Mark	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2)	ne is required; c	<ul> <li>✓ Water-Stained Le</li> <li>Aquatic Fauna (B</li> <li>True Aquatic Pla</li> <li>Hydrogen Sulfide</li> <li>Oxidized Rhizosp</li> </ul>	13) hts (B14) Odor (C1) heres on Living	g Roots ((	✓ Surfar ✓ Drain: — Dry-S — Crayfi C3) — Saturi	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9)
Surface Wa High Water Saturation ( Water Mark Sediment D Drift Deposi	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3)	ne is required: c	Water-Stained Le Aquatic Fauna (E True Aquatic Plai Hydrogen Sulfide Oxidized Rhizosp Presence of Red	nts (B14) Odor (C1) wheres on Livinguced Iron (C4)		✓ Surfar ✓ Drain:	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3)	ne is required: c	Water-Stained Le Aquatic Fauna (B True Aquatic Plai Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu	nts (B14) Odor (C1) heres on Living uced Iron (C4) action in Tilled S		✓ Surfar ✓ Drain: — Dry-S — Crayfi C3) — Saturi — Stunti	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) torphic Position (D2)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5)		Water-Stained Le Aquatic Fauna (B True Aquatic Plai Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surface	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled S te (C7)		✓ Surfar ✓ Drain: — Dry-S — Crayfi C3) — Saturi — Stunti	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or Iron Deposit	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) • Crust (B4) ts (B5) Visible on Aerial In	nagery (B7)	Water-Stained Le Aquatic Fauna (B True Aquatic Plai Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surfac	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled See (C7) ata (D9)		✓ Surfar ✓ Drain: — Dry-S — Crayfi C3) — Saturi — Stunti	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) torphic Position (D2)
Surface Wa High Water Saturation ( Water Mark Sediment D Drift Deposi Algal Mat or Iron Deposit Inundation \ Sparsely Ve	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5) /isible on Aerial In	nagery (B7)	Water-Stained Le Aquatic Fauna (B True Aquatic Plai Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surface	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled See (C7) ata (D9)		✓ Surfar ✓ Drain: — Dry-S — Crayfi C3) — Saturi — Stunti	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) torphic Position (D2)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or Iron Deposi Inundation \ Sparsely Ve	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) r Crust (B4) ts (B5) /isible on Aerial Ingetated Concave	nagery (B7) Surface (B8)	Water-Stained Le Aquatic Fauna (B True Aquatic Plai Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled S ata (D9) Remarks)	Soils (C6)	✓ Surfar ✓ Drain: — Dry-S — Crayfi C3) — Saturi — Stunti	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) torphic Position (D2)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or Iron Deposit Inundation \ Sparsely Ve Field Observati	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5) Visible on Aerial Integrated Concave ons:	nagery (B7) Surface (B8)	Water-Stained Le Aquatic Fauna (E True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surfac Gauge or Well De Other (Explain in	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled S ace (C7) ata (D9) Remarks)	Soils (C6)	✓ Surfar ✓ Drain: — Dry-S — Crayfi C3) — Saturi — Stunti	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) torphic Position (D2)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or Iron Deposit Inundation \ Sparsely Ve Field Observati Surface Water P	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) r Crust (B4) ts (B5) //sible on Aerial In egetated Concave ons: Present? Yesent? Yesent? Yesent? Yesent? Yesent?	nagery (B7) Surface (B8) es No _	Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surfact Gauge or Well Do Other (Explain in  Depth (inches): Depth (inches):	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled S ac (C7) ata (D9) Remarks)	Soils (C6)	Surface  V Drain: Dry-S Crayfi Saturate V Geom V FAC-I	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or Iron Deposit Inundation \ Sparsely Ve Field Observati Surface Water P Water Table Pre Saturation Prese (includes capilla	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) c Crust (B4) ts (B5) //sible on Aerial In egetated Concave ons: eresent? ye ent? ye ent? ye ent? ye ent? ye ent? ye ent?	nagery (B7) Surface (B8) es No _ es No _ es No _	Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surfact Gauge or Well Do Other (Explain in  Depth (inches): Depth (inches):	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled S ac (C7) ata (D9) Remarks)	Soils (C6)	Surface Dry-S Drain: Dry-S Crayfi Satura Stunta FAC-I	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) torphic Position (D2)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or Iron Deposit Inundation \ Sparsely Ve Field Observati Surface Water P Water Table Pre Saturation Prese (includes capilla	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) c Crust (B4) ts (B5) //sible on Aerial In egetated Concave ons: eresent? ye ent? ye ent? ye ent? ye ent? ye ent? ye ent?	nagery (B7) Surface (B8) es No _ es No _ es No _	Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surfact Gauge or Well Do Other (Explain in  Depth (inches): Depth (inches):	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled S ac (C7) ata (D9) Remarks)	Soils (C6)	Surface Dry-S Drain: Dry-S Crayfi Satura Stunta FAC-I	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or Iron Deposit Inundation \ Sparsely Ve Field Observati Surface Water P Water Table Pre Saturation Prese (includes capilla	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) c Crust (B4) ts (B5) //sible on Aerial In egetated Concave ons: eresent? ye ent? ye ent? ye ent? ye ent? ye ent? ye ent?	nagery (B7) Surface (B8) es No _ es No _ es No _	Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surfact Gauge or Well Do Other (Explain in  Depth (inches): Depth (inches):	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled S ac (C7) ata (D9) Remarks)	Soils (C6)	Surface Dry-S Drain: Dry-S Crayfi Satura Stunta FAC-I	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or Iron Deposit Inundation ( Sparsely Ve Field Observati Surface Water P Water Table Pre Saturation Prese (includes capilla Describe Record	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) c Crust (B4) ts (B5) //sible on Aerial Ingetated Concave ons: Present? Present? Yesent?	nagery (B7) Surface (B8) es No _ es No _ gauge, monitor	Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in  Depth (inches): Depth (inches): Depth (inches):	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled S ac (C7) ata (D9) Remarks)	Soils (C6)	Surface Dry-S Drain: Dry-S Crayfi Satura Stunta FAC-I	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)
Surface Wa High Water Saturation ( Water Mark: Sediment D Drift Deposi Algal Mat or Iron Deposit Inundation ( Sparsely Ve Field Observati Surface Water P Water Table Pre Saturation Prese (includes capilla Describe Record	rs (minimum of or ter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) c Crust (B4) ts (B5) //sible on Aerial In egetated Concave ons: eresent? ye ent? ye ent? ye ent? ye ent? ye ent? ye ent?	nagery (B7) Surface (B8) es No _ es No _ gauge, monitor	Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Red Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in  Depth (inches): Depth (inches): Depth (inches):	nts (B14) Odor (C1) wheres on Living uced Iron (C4) action in Tilled S ac (C7) ata (D9) Remarks)	Soils (C6)	Surface Dry-S Drain: Dry-S Crayfi Satura Stunta FAC-I	ce Soil Cracks (B6) age Patterns (B10) eason Water Table (C2) sh Burrows (C8) ation Visible on Aerial Imagery (C9) ed or Stressed Plants (D1) horphic Position (D2) Neutral Test (D5)

Project/Site: AEP North Delphos - Rockhill Deline	eation (	City/Co	ounty: _	Lima/All	en Sampling Date: 2021-07-01
Applicant/Owner: AEP					State: Ohio Sampling Point: 1-AE (PEM/PSS/PFO) UPL
		Sectio	n, Tow	nship, Rar	0000 T000 D007
					concave, convex, none): None
Soil Map Unit Name: Ble1A1					NWI classification: None
Are climatic / hydrologic conditions on the site typical for t	his time of vea	ar? Ye	es 🗸		
Are Vegetation, Soil, or Hydrology					Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology					eded, explain any answers in Remarks.)
				•	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No 🗸				
Hydric Soil Present? Yes	No			Sampled	_
Wetland Hydrology Present? Yes	No		within	a Wetlan	d? Yes No
Remarks:					
Upland sample point for wetland 1	-AE (PE	M/P	SS/I	PFO) c	omplex.
VEGETATION – Use scientific names of plant	6				
VEGETATION – Ose scientific frames of plant	Absolute	Dom	inant I	ndicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30 ft r )	% Cover				Number of Dominant Species
1					That Are OBL, FACW, or FAC: $1$ (A)
2					Total Number of Dominant
3					Species Across All Strata: 3 (B)
4					Percent of Dominant Species
5					That Are OBL, FACW, or FAC: 33 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Tota	al Cove	r	Prevalence Index worksheet:
1					Total % Cover of: Multiply by:
2.					OBL species <u>0</u> x 1 = <u>0</u>
3.					FACW species $0 \times 2 = 0$
4					FAC species $35$ $\times 3 = 105$
5					FACU species <u>65</u> x 4 = <u>260</u>
Herb Stratum (Plot size: 5 ft r )		= Tota	al Cove	r	UPL species $\frac{0}{100}$ x 5 = $\frac{0}{205}$
1. Poa pratensis	35	•	/	FAC	Column Totals: 100 (A) 365 (B)
2 Trifolium repens	25		<u> </u>	FACU	Prevalence Index = B/A = $3.7$
3. Asclepias syriaca	20		/ ī	FACU	Hydrophytic Vegetation Indicators:
4. Lotus tenuis	15			FACU	1 - Rapid Test for Hydrophytic Vegetation
5. Achillea millefolium	5		1	FACU_	2 - Dominance Test is >50%
6					3 - Prevalence Index is ≤3.0 <sup>1</sup>
7					<ul> <li>4 - Morphological Adaptations<sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)</li> </ul>
8					Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
9					Troblematic Hydrophytic Vegetation (Explain)
10					<sup>1</sup> Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	100%	= Tota	al Cove	r	be present, unless disturbed or problematic.
1					Hydrophytic
2					Vegetation Vegetation
		= Tota	al Cove	r	Present? Yes No
Remarks: (Include photo numbers here or on a separate	e sheet.)				
No hydrophytic vegetation preser	nt.				

SOIL Sampling Point: 1-AE (PEM/PSS/PFO) UPL

Profile Description: (Describe to	the depth needed to docume	nt the indicator of	r confirm	the absence of inc	licators.)
Depth Matrix	Redox I	Features			
(inches) Color (moist)	% Color (moist)	<u>%</u> <u>Type<sup>1</sup></u> _	Loc <sup>2</sup>	Texture	Remarks
0 - 20 <u>10YR 4/3</u> <u>1</u>				Silt Loam	
-					
<del></del>					
<del></del>					
_					
<sup>1</sup> Type: C=Concentration, D=Depleti	on RM=Reduced Matrix MS=	Masked Sand Grai	ns	<sup>2</sup> l ocation: Pl =	Pore Lining, M=Matrix.
Hydric Soil Indicators:	on, raw reduced matrix, we	Maorica Garia Gran	110.		roblematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Sandy Gle	eyed Matrix (S4)			e Redox (A16)
Histic Epipedon (A2)	Sandy Re			Dark Surface	· ·
Black Histic (A3)	Stripped N	Matrix (S6)		Iron-Mangan	ese Masses (F12)
Hydrogen Sulfide (A4)	Loamy Mu	icky Mineral (F1)		Very Shallow	v Dark Surface (TF12)
Stratified Layers (A5)	Loamy Gle	eyed Matrix (F2)		Other (Expla	in in Remarks)
2 cm Muck (A10)		Matrix (F3)			
Depleted Below Dark Surface (/	· —	rk Surface (F6)		3	
Thick Dark Surface (A12)		Dark Surface (F7)			drophytic vegetation and
Sandy Mucky Mineral (S1) 5 cm Mucky Peat or Peat (S3)	Redox De	pressions (F8)			ology must be present, bed or problematic.
Restrictive Layer (if observed):				uniess distui	bed of problematic.
Type: N/A					
Depth (inches):				Hydric Soil Prese	ent? Yes No
Remarks:					
No hydric soils preser	ıt				
HYDROLOGY					
Wetland Hydrology Indicators:					
Primary Indicators (minimum of one	is required; check all that appl	y)		Secondary Ind	licators (minimum of two required)
Surface Water (A1)	Water-Staine	ed Leaves (B9)		Surface S	oil Cracks (B6)
High Water Table (A2)	Aquatic Faur	na (B13)		Drainage	Patterns (B10)
Saturation (A3)	True Aquatio	Plants (B14)		Dry-Seaso	on Water Table (C2)
Water Marks (B1)	Hydrogen Sι	ılfide Odor (C1)		Crayfish B	Burrows (C8)
Sediment Deposits (B2)	Oxidized Rhi	izospheres on Livin	g Roots (0	C3) Saturation	Visible on Aerial Imagery (C9)
Drift Deposits (B3)	Presence of	Reduced Iron (C4)		Stunted or	r Stressed Plants (D1)
Algal Mat or Crust (B4)	Recent Iron	Reduction in Tilled	Soils (C6)	Geomorph	nic Position (D2)
Iron Deposits (B5)	Thin Muck S	urface (C7)		FAC-Neut	ral Test (D5)
Inundation Visible on Aerial Ima	gery (B7) Gauge or We	ell Data (D9)			
Sparsely Vegetated Concave S	urface (B8) Other (Expla	in in Remarks)			
Field Observations:					
Surface Water Present? Yes	No Depth (inch	es):	-		
Water Table Present? Yes	No Depth (inch	es):	_		
Saturation Present? Yes	No Depth (inch	es):	Wetla	nd Hydrology Pres	sent? Yes No
(includes capillary fringe)  Describe Recorded Data (stream ga	uge, monitoring well, aerial ph	otos, previous insp	ections), it	f available:	
Remarks:					
No hydrology present					

Project/Site: AEP North Delphos - Rockhill Delinea	tion Ci	ty/County:	Lima/All	en	Sampling Date: 2021-07-01
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-AF
Investigator(s): E. Wilson, J. Holmes	Se	ection, Tov	vnship, Ran	S019, T0	03, R007
Landform (hillslope, terrace, etc.): Depression		L	ocal relief (	concave, convex, none):	Concave
Slope (%): 0 Lat: 40.7627545	Lo	ong: <u>-84.</u>	0975409	)	Datum: WGS 84
Soil Map Unit Name: GuB				NWI classifica	ation: PEM1A
Are climatic / hydrologic conditions on the site typical for this	time of year	? Yes <b>-</b>	No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology si	ignificantly di	sturbed?	Are "I	Normal Circumstances" pr	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally probl	ematic?	(If nee	eded, explain any answer	s in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	showing s	ampling	point lo	cations, transects,	important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No			Sampled		
Wetland Hydrology Present? Yes <u>✓</u> No	·	withi	n a Wetlan	d? Yes	No
Remarks:					1
Small PEM wetland alongside railroad and road.	. Northern	part of r	napped v	vetland polygon exte	ends into NWI PEMTA.
VECTATION Lies esignificances of plants					
<b>VEGETATION</b> – Use scientific names of plants.		D ! t	In diameter.	Davidson as Task words	-haadi
Tree Stratum (Plot size:30 ft r)	Absolute I	Dominant Species?		Dominance Test works	
1				Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	ant
3				Species Across All Strat	0
4				Percent of Dominant Sp	ecies
5				That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )	=	Total Cov	er l	Prevalence Index work	sheet:
1				Total % Cover of:	Multiply by:
2.				OBL species 20	x 1 = <u>20</u>
3				FACW species 75	x 2 = <u>150</u>
4					x 3 = <u>0</u>
5					x 4 = <u>20</u>
Lucia Occidenta (Block in S. ft r	=	Total Cov	er	UPL species 0	
Herb Stratum (Plot size: 5 ft r )  1. Phalaris arundinacea	50	✓	FACW	Column Totals: 100	(A) <u>190</u> (B)
2. Carex Iurida	20		OBL	Prevalence Index	= B/A = 1.9
3. Juncus torreyi	15		FACW	Hydrophytic Vegetatio	n Indicators:
4. Carex vulpinoidea	10		FACW	✓ 1 - Rapid Test for H	ydrophytic Vegetation
5. Tradescantia ohiensis	5		FACU	✓ 2 - Dominance Test	is >50%
6				3 - Prevalence Inde.	
7				4 - Morphological A	daptations <sup>1</sup> (Provide supporting or on a separate sheet)
8					ohytic Vegetation <sup>1</sup> (Explain)
9				Froblematic Hydrop	Trytic vegetation (Explain)
10				<sup>1</sup> Indicators of hydric soil	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r	100% =	Total Cov	er	be present, unless distu	
1				Hydrophytic	
2.				Vegetation	<b>,</b>
		Total Cov	er	Present? Yes	. No
Remarks: (Include photo numbers here or on a separate s	heet.)				
Hydrophytic vegetation is present.					

SOIL Sampling Point: 1-AF

Profile Desc	cription: (Describe	to the depth	needed to docur	nent the	indicator	or confirm	n the absence of i	ndicators.)
Depth	Matrix			x Feature			_	
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
0-20	10YR 4/2	_ <u>90</u> _1	10YR 4/6	10	<u> </u>	<u>M</u>	Clay	
<u>-</u>								
-								
<u> </u>								
l								
l								
<sup>1</sup> Type: C=C	oncentration, D=De	pletion, RM=R	Reduced Matrix, MS	S=Maske	d Sand Gr	ains.	<sup>2</sup> Location: P	L=Pore Lining, M=Matrix.
Hydric Soil	Indicators:						Indicators for	Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1)		Sandy 0	Sleyed Ma	atrix (S4)		Coast Pra	irie Redox (A16)
	oipedon (A2)			Redox (S	-		Dark Surfa	
ı —	istic (A3)			Matrix (	,			anese Masses (F12)
	en Sulfide (A4)				neral (F1)			ow Dark Surface (TF12)
_	d Layers (A5) uck (A10)			ыеуесім d Matrix (	atrix (F2)		Other (Exp	plain in Remarks)
_	d Below Dark Surfac	ce (A11)		u Matrix ( Dark Surfa	-			
	ark Surface (A12)	50 (/ 11 1)			urface (F7	)	<sup>3</sup> Indicators of	hydrophytic vegetation and
ı —	Mucky Mineral (S1)			Depressio		,		drology must be present,
	icky Peat or Peat (S	33)						turbed or problematic.
Restrictive	Layer (if observed)	):						
Type: <u>N</u>	/A		_					esent? Yes No
Depth (in	ches):		_				Hydric Soil Pre	esent? Yes No
Remarks:								
Hydric	soils are pre	sent.						
HYDROLO	GY							
Wetland Hy	drology Indicators	:						
Primary India	cators (minimum of	one is require	d; check all that ap	ply)			Secondary I	ndicators (minimum of two required)
Surface	Water (A1)		Water-Sta	ined Leav	res (B9)		Surface	Soil Cracks (B6)
I —	ater Table (A2)		Aquatic Fa	una (B13	3)		_	je Patterns (B10)
Saturation	on (A3)		True Aqua					ason Water Table (C2)
Water M	larks (B1)		Hydrogen	Sulfide O	dor (C1)		Crayfish	n Burrows (C8)
Sedimer	nt Deposits (B2)		Oxidized F	Rhizosphe	eres on Liv	ing Roots	(C3) Saturati	ion Visible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence	of Reduce	ed Iron (C	4)	Stunted	or Stressed Plants (D1)
Algal Ma	at or Crust (B4)		Recent Iro	n Reduct	ion in Tille	d Soils (C	6) <u><a> Geomo</a> <a> Geomo</a></u>	rphic Position (D2)
Iron Dep	oosits (B5)		Thin Muck	Surface	(C7)		✓ FAC-Ne	eutral Test (D5)
Inundati	on Visible on Aerial	Imagery (B7)	Gauge or	Well Data	(D9)			
Sparsely	y Vegetated Concav	e Surface (B	B) Other (Exp	lain in Re	emarks)			
Field Obser			,					
Surface Wat			Depth (in					
Water Table	Present?	Yes No	o Depth (in	ches):		_		
Saturation P		Yes No	o Depth (in	ches):		Wetl	land Hydrology Pi	resent? Yes No
(includes cap Describe Re	oillary fringe) corded Data (strean	n gauge, mon	itoring well, aerial	ohotos, pi	revious ins	pections),	if available:	
	•					. "		
Remarks:								
Hydrolo	gy indicator	s are pr	esent.					
_		•						

Project/Site: AEP North Delphos - Rockhill Deline	ation (	City/Co	ounty:	Lima/All	
Applicant/Owner: AEP					State: Ohio Sampling Point: 1-AF/4-D UP
Investigator(s): E. Wilson, J. Holmes	;	Sectio	n, Tov	vnship, Ra	nge: S019, T003, R007
Landform (hillslope, terrace, etc.): Upland			L	ocal relief	(concave, convex, none): None
Slope (%): 0 Lat: 40.7631242	ا	Long:	-84.	097403	6 Datum: WGS 84
Soil Map Unit Name: BsA					NWI classification: None
Are climatic / hydrologic conditions on the site typical for the					
Are Vegetation, Soil, or Hydrology	significantly	disturb	ed?	Are "	"Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology	naturally pro	blema	tic?	(If ne	eeded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing	sam	pling	g point le	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No				
Hydric Soil Present? Yes I	No			Sampled	
Wetland Hydrology Present? Yes I	No		withi	n a Wetlar	nd? Yes No
Remarks:					
Upland sample point for wetlands	1-AF an	d 4-	-D.		
VEGETATION – Use scientific names of plants					
	Absolute	Dom	inant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30 ft r )		Spec	cies?	Status	Number of Dominant Species
1					That Are OBL, FACW, or FAC: $1$ (A)
2					Total Number of Dominant Species Across All Strata: 2 (B)
3					Species Across All Strata: 2 (B)
5					Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)
15 ft r		= Tota	al Cov	er	
Sapling/Shrub Stratum (Plot size: 15 ft r )					Prevalence Index worksheet:  Total % Cover of: Multiply by:
1 2					OBL species 0 x 1 = 0
3					FACW species $0 \times 2 = 0$
4.					FAC species 30 x 3 = 90
5					FACU species <u>70</u> x 4 = <u>280</u>
Luck Oracle (During 5 ft r		= Tota	al Cov	er	UPL species $0 \times 5 = 0$
Herb Stratum (Plot size: 5 ft r )  1. Trifolium pratense	45		/	FACU	Column Totals: <u>100</u> (A) <u>370</u> (B)
2. Poa pratensis	30		<del>,</del>	FAC	Prevalence Index = B/A = 3.7
3. Cichorium intybus	15			FACU	Hydrophytic Vegetation Indicators:
4. Trifolium repens	10			FACU	1 - Rapid Test for Hydrophytic Vegetation
5					2 - Dominance Test is >50%
6					3 - Prevalence Index is ≤3.0¹
7					4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
8					Problematic Hydrophytic Vegetation¹ (Explain)
9					
	100%	= Tota	al Cov	 er	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30 ft r )					be present, unless disturbed or problematic.
1		_			Hydrophytic
2			al Carr		Vegetation Present? Yes No
Remarks: (Include photo numbers here or on a separate		= Tota	ai COV	e1	
, , ,	,				
No hydrophytic vegetation presen					
I .					

Soll Sampling Point: 1-AF/4-D UPL

Profile Desc	ription: (Describe	to the depth	needed to docu	ment the i	indicator	or confire	m the absence of i	ndicators.)
Depth	Matrix			x Feature		1 - 2	<b>T</b>	D
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
0 - 20	10YR 4/4	_ <u>100</u>					Silt Loam	
_								
_								
	oncentration, D=De	pletion, RM=R	educed Matrix, M	S=Masked	d Sand Gra	ains.		=Pore Lining, M=Matrix.
Hydric Soil I			0	Olava d Ma	-t-i (O.1)			Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1) ipedon (A2)			Gleyed Ma Redox (S5			Coast Prair	rie Redox (A16)
Black His				d Matrix (S				anese Masses (F12)
	n Sulfide (A4)			Mucky Mir				ow Dark Surface (TF12)
Stratified	Layers (A5)			Gleyed Ma			Other (Exp	lain in Remarks)
2 cm Mu	, ,			ed Matrix (	,			
	Below Dark Surface	ce (A11)	_	Dark Surfa			3	
ı —	rk Surface (A12)			ed Dark Su		)		hydrophytic vegetation and
	ucky Mineral (S1) cky Peat or Peat (S	33)	Redox	Depressio	ns (Fo)			drology must be present, urbed or problematic.
	.ayer (if observed)						dilicos disc	arbed of problematic.
Type: N/								,
	:hes):		_				Hydric Soil Pre	sent? Yes No
Remarks:								
HYDROLO	GY							
Wetland Hyd	Irology Indicators	:						
Primary Indic	ators (minimum of	one is required	d; check all that a	oply)			Secondary Ir	ndicators (minimum of two required)
Surface \	Water (A1)		Water-Sta	ined Leav	es (B9)		Surface	Soil Cracks (B6)
High Wat	ter Table (A2)		Aquatic F	auna (B13	)		Drainage	e Patterns (B10)
Saturatio	on (A3)		True Aqua	atic Plants	(B14)		Dry-Sea	son Water Table (C2)
Water Ma	arks (B1)		Hydrogen	Sulfide O	dor (C1)		Crayfish	Burrows (C8)
Sedimen	t Deposits (B2)			Rhizosphe		-	· / —	on Visible on Aerial Imagery (C9)
l —	osits (B3)			of Reduce	,	,		or Stressed Plants (D1)
	t or Crust (B4)		Recent Iro			d Soils (C	· —	phic Position (D2)
Iron Dep	, ,	. (55)	Thin Mucl		. ,		FAC-Ne	utral Test (D5)
	on Visible on Aerial							
	Vegetated Concav	re Surrace (B8	Other (Ex	piain in Re	emarks)			
Field Observ		/ N-	Depth (ir	-1				
Surface Wate			Depth (ir					
Water Table I			Depth (ir				land Underland De	esent? Yes No
Saturation Pr	illary fringe)							esent? Yes No
Describe Rec	corded Data (stream	n gauge, moni	toring well, aerial	pnotos, pr	evious ins	pections),	ii avaliable:	
Remarks:								
No hydro	ology prese	nt						
	J)   12 1 2 0 0							

Project/Site: AEP North Delphos - Rockhill Delineat	ion c	City/County	<sub>r:</sub> <u>Lima/All</u>	en Sampling Date: 2021-07-01
Applicant/Owner: AEP				State: Ohio Sampling Point: 1-AG
Investigator(s): E. Wilson, J. Holmes	s	Section, To	wnship, Rar	nge: S019, T003, R007
				(concave, convex, none): Concave
Slope (%): 0 Lat: 40.7648077	[	ong: <u>-</u> 84	.1014067	Datum: WGS 84
Soil Map Unit Name: BSA				NWI classification: None
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	✓ No	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology sig	nificantly d	listurbed?	Are "	Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology na	turally prob	olematic?	(If ne	eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	samplin	g point lo	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No				
Hydric Soil Present? Yes No			e Sampled	
Wetland Hydrology Present? Yes   ✓ No		with	iin a Wetlan	nd? Yes No
Remarks:				
Small PEM wetland within ROW.				
VEGETATION – Use scientific names of plants.				
00 (1			Indicator	Dominance Test worksheet:
1	% Cover			Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
2				Total Number of Dominant
3				Species Across All Strata: 3 (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 67 (A/B)
Sapling/Shrub Stratum (Plot size: 15 Tt r )			ver	Prevalence Index worksheet:
1. Fraxinus pennsylvanica	5		FACW	Total % Cover of: Multiply by:
2				OBL species 20 x 1 = 20
3				FACW species <u>85</u> x 2 = <u>170</u>
4				FAC species $0 \times 3 = 0$
5				FACU species $\frac{0}{25}$ $\times 4 = \frac{0}{125}$
Herb Stratum (Plot size: 5 ft r )	<u>5%</u> =	= Total Co	ver	UPL species 25 x 5 = 125
1. Phalaris arundinacea	50	✓	FACW	Column Totals: <u>130</u> (A) <u>315</u> (B)
2. Dipsacus laciniatus	25		UPL	Prevalence Index = B/A = 2.4
3. Carex Iurida	20		OBL	Hydrophytic Vegetation Indicators:
4. Solidago gigantea	15		FACW	1 - Rapid Test for Hydrophytic Vegetation
5. Carex vulpinoidea	10		FACW	✓ 2 - Dominance Test is >50%
6. Juncus torreyi	5		<u>FACW</u>	✓ 3 - Prevalence Index is ≤3.0 <sup>1</sup>
7				4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
8				Problematic Hydrophytic Vegetation¹ (Explain)
9				Troblematic Hydrophytic vegetation (Explain)
10	4050/			<sup>1</sup> Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	125%_	= Total Co	ver	be present, unless disturbed or problematic.
1				Hydrophytic
2				Vegetation Present? Yes No
Boundary (to de		= Total Co	ver	165
Remarks: (Include photo numbers here or on a separate sh	neet.)			
Hydrophytic vegetation is present.				

SOIL Sampling Point: 1-AG

	,,,b,,,,,, (= 000,,,no		iii iieeded io docd	illelli tile	IIIuicatoi	or commi	m the absence of	muicators.)
Depth	Matrix		Red	ox Feature	es			
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-4	10YR 4/2	90	10YR 4/6	_ <u>10</u>	_ <u>C</u>	<u>M</u>	Clay	
5-20	10YR 5/4	85	7.5YR 6/6	15	С	M	Clay	
<u> </u>								
<u> </u>								
<sup>1</sup> Type: C=C	oncentration, D=Dep	oletion, RM=	Reduced Matrix, N	IS=Maske	d Sand G	ains.	<sup>2</sup> Location: P	L=Pore Lining, M=Matrix.
Hydric Soil	Indicators:						Indicators for	Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1)			Gleyed M			Coast Pra	irie Redox (A16)
_	pipedon (A2)			Redox (S			Dark Surf	, ,
ı —	istic (A3)			ed Matrix (				ganese Masses (F12)
	en Sulfide (A4)				ineral (F1) latrix (F2)			low Dark Surface (TF12) plain in Remarks)
ı —	d Layers (A5) uck (A10)		✓ Deplet	-			Offier (Ex	plain in Remarks)
_	d Below Dark Surfac	e (A11)		Dark Sur				
1	ark Surface (A12)	( )	_		urface (F7	)	<sup>3</sup> Indicators of	hydrophytic vegetation and
	Mucky Mineral (S1)			Depressi				ydrology must be present,
	ucky Peat or Peat (S	•					unless dis	sturbed or problematic.
1	Layer (if observed)	:						
Туре: <u>N</u>	/A						Hydric Soil Pro	esent? Yes No
Depth (in	ches):						Tiyunc 30ii Fit	esent: Tes No
Remarks:								
Hydric	soils are pre	sent.						
,								
1								
HYDROLO								
Wetland Hy	drology Indicators							
Wetland Hy			red; check all that a	pply)			Secondary	Indicators (minimum of two required)
Wetland Hy Primary Indi	drology Indicators cators (minimum of o Water (A1)		Water-Sta	ained Lea	, ,		Surface	e Soil Cracks (B6)
Wetland Hy Primary Indi Surface High Wa	drology Indicators cators (minimum of o Water (A1) ater Table (A2)		Water-Sta Aquatic F	ained Lea auna (B1	3)		Surface	e Soil Cracks (B6) ge Patterns (B10)
Wetland Hy Primary Indi Surface High Wa Saturati	drology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3)		Water-Sta Aquatic F True Aqu	ained Lea auna (B1 atic Plant	3) s (B14)		Surface Drainag Dry-Se	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2)
Wetland Hy Primary Indi Surface High Wa Saturati Water M	drology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3) flarks (B1)		Water-Sta Aquatic F True Aqu Hydroger	ained Lea auna (B1 atic Plant n Sulfide C	3) s (B14) Odor (C1)		Surface Drainag Dry-Se Crayfis	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedime	drology Indicators cators (minimum of o Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2)		Water-State Aquatic F True Aqu Hydroger ✓ Oxidized	ained Lea auna (B1) atic Plant Sulfide C Rhizosph	3) s (B14) Odor (C1) eres on Liv	•	Surface  V Drainag  Dry-Se  Crayfis  (C3) V Saturat	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedime Drift De	drology Indicators cators (minimum of of of other (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3)		Water-State Aquatic F True Aqu Hydroger Oxidized Presence	ained Lea auna (B1) atic Plants Sulfide C Rhizosph	3) s (B14) Odor (C1) eres on Liv ed Iron (C	4)	Surface  V Drainag  Dry-Se  Crayfis  (C3) V Saturat  Stunted	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedime Drift De Algal Ma	drology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3) flarks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)		<pre> Water-Sta Aquatic F True Aqu Hydroger ✓ Oxidized Presence Recent In</pre>	ained Lea auna (B1 atic Plants a Sulfide C Rhizosph of Reduc on Reduc	3) s (B14) Odor (C1) eres on Lived Iron (C	4)	Surface	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedime Drift De Algal Ma	drology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3) flarks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	one is requii	Water-Sta     Aquatic F     True Aqu     Hydroger     Oxidized     Presence     Recent In     Thin Muc	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduc on Reduc k Surface	3) s (B14) Odor (C1) eres on Lived Iron (C tion in Tille	4)	Surface	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep	drology Indicators cators (minimum of of other (A1) ater Table (A2) on (A3) flarks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial	one is requii	Water-Sta Aquatic F True Aqu Hydroger ✓ Oxidized Presence Recent In Thin Muc 7) Gauge or	ained Lea fauna (B1 atic Plants n Sulfide C Rhizosph e of Reduc on Reduc k Surface	3) s (B14) Odor (C1) eres on Lived Iron (C tion in Tille (C7) a (D9)	4)	Surface	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel	drology Indicators cators (minimum of o Water (A1) ater Table (A2) on (A3) farks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial y Vegetated Concav	one is requii	Water-Sta Aquatic F True Aqu Hydroger ✓ Oxidized Presence Recent In Thin Muc 7) Gauge or	ained Lea fauna (B1 atic Plants n Sulfide C Rhizosph e of Reduc on Reduc k Surface	3) s (B14) Odor (C1) eres on Lived Iron (C tion in Tille (C7) a (D9)	4)	Surface	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel	drology Indicators cators (minimum of of other (A1) ater Table (A2) on (A3) flarks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial by Vegetated Concavivations:	one is requii Imagery (B7 e Surface (I	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7)  Gauge or  B8)  Other (Ex	ained Lea fauna (B1) atic Plants a Sulfide C Rhizosph of Reduc on Reduc k Surface Well Data cplain in R	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel Field Obser	drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial by Vegetated Concavivations: er Present?	Imagery (Bi e Surface (I	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex	ained Lea auna (B1 atic Plants Sulfide C Rhizosph of Reduc on Reduc k Surface Well Data (plain in R	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel Field Obser Surface Wat	drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial by Vegetated Concaverations: are Present?	Imagery (B7 e Surface (I	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduct on Reduct k Surface Well Data cplain in R nches): nches):	3) s (B14) Odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface  Drainag  Dry-Se  Crayfis  (C3) Saturat  Stunted  Geomo  FAC-No	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel Field Obser Surface Wat Water Table Saturation P	drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) flarks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial by Vegetated Concave vations: are Present? Present?	Imagery (B7 e Surface (I	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduct on Reduct k Surface Well Data cplain in R nches): nches):	3) s (B14) Odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface  Drainag  Dry-Se  Crayfis  (C3) Saturat  Stunted  Geomo  FAC-No	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel Field Obser Surface Wat Water Table Saturation P (includes ca	drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial by Vegetated Concaverations: are Present?	Imagery (B7 e Surface (If es   es	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in  No ✓ Depth (in	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduct on Reduct k Surface Well Data cplain in R nches): nches): nches): nches): nches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface Drainag Dry-Se Crayfis (C3) Saturat Stunted Geomo FAC-No	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel Field Obser Surface Wat Water Table Saturation P (includes ca	drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial by Vegetated Concavivations: are Present? Present?	Imagery (B7 e Surface (If es   es	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in  No ✓ Depth (in	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduct on Reduct k Surface Well Data cplain in R nches): nches): nches): nches): nches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface Drainag Dry-Se Crayfis (C3) Saturat Stunted Geomo FAC-No	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel Field Obser Surface Wat Water Table Saturation P (includes ca	drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial by Vegetated Concavivations: are Present? Present?	Imagery (B7 e Surface (If es   es	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in  No ✓ Depth (in	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduct on Reduct k Surface Well Data cplain in R nches): nches): nches): nches): nches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface Drainag Dry-Se Crayfis (C3) Saturat Stunted Geomo FAC-No	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel Field Obser Surface Wat Water Table Saturation P (includes ca Describe Re	drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial by Vegetated Concaverations: are Present? Present? Present? Iresent? pillary fringe) corded Data (strean	Imagery (Bree Surface (If	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in  No ✓ Depth (in  ponitoring well, aerial	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduct on Reduct k Surface Well Data cplain in R nches): nches): nches): nches): nches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface Drainag Dry-Se Crayfis (C3) Saturat Stunted Geomo FAC-No	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedime Drift De Algal Ma Iron Dep Inundati Sparsel Field Obser Surface Wat Water Table Saturation P (includes ca Describe Re	drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial by Vegetated Concavivations: are Present? Present?	Imagery (Bree Surface (If	Water-Sta  Aquatic F  True Aqu  Hydroger  ✓ Oxidized  Presence  Recent In  Thin Muc  7) Gauge or  B8) Other (Ex  No ✓ Depth (in  No ✓ Depth (in  ponitoring well, aerial	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduct on Reduct k Surface Well Data cplain in R nches): nches): nches): nches): nches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface Drainag Dry-Se Crayfis (C3) Saturat Stunted Geomo FAC-No	e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) eutral Test (D5)

Project/Site: AEP North Delphos - Rockhill Delinea	tion (	City/County	Lima/All	
Applicant/Owner: AEP				State: Ohio Sampling Point: 1-AH (PEM)
Investigator(s): E. Wilson, J. Holmes		Section, To	wnship, Rai	nge: S019, T003, R007
Landform (hillslope, terrace, etc.): Depression				
Slope (%): 0 Lat: 40.7627174	I	Long: <u>-</u> 84	.0998446	6 Datum: WGS 84
Soil Map Unit Name: PmA				NWI classification: None
Are climatic / hydrologic conditions on the site typical for this	time of year	ar? Yes	No _	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly o	disturbed?	Are "	Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prol	blematic?	(If ne	eeded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	showing	samplin	g point le	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	·			
Hydric Soil Present? Yes No			e Sampled	
Wetland Hydrology Present? Yes   ✓ No	·	with	in a Wetlan	nd? Yes No
Remarks:				
PEM wetland portion of complex with	thin the	e ROW	•	
VEGETATION – Use scientific names of plants.				
Tree Stratum (Plot size: 30 ft r )	Absolute	Dominant		Dominance Test worksheet:
1		Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 3 (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: 100 (A/B)
		= Total Cov	er	
Sapling/Shrub Stratum (Plot size: 15 ft r )	5	<b>✓</b>	FACW	Prevalence Index worksheet:
Cornus amomum     Fraxinus pennsylvanica			FACW	Total % Cover of:  OBL species  Multiply by:  x 1 = 0
3			17.011	FACW species 100 x 2 = 200
4				FAC species 0 x 3 = 0
5				FACU species <u>0</u> x 4 = <u>0</u>
5 th r	10%	= Total Cov	ver	UPL species <u>0</u> x 5 = <u>0</u>
Herb Stratum (Plot size: 5 ft r   )   1. Phalaris arundinacea	65	1	FACW	Column Totals: 100 (A) 200 (B)
2. Carex vulpinoidea	15		FACW	Prevalence Index = B/A = 2.0
3. Juncus torreyi	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 <sup>1</sup>
7				4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
8				Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
9				
	90%	= Total Cov	/er	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 30 ft r )				be present, unless distance of presidentials.
1				Hydrophytic Vegetation
2		= Total Cov	er	Present? Yes No
Remarks: (Include photo numbers here or on a separate si		. 3.0.		1
Hydrophytic vegetation is present.				
, 55, 1050				

SOIL Sampling Point: 1-AH (PEM)

Profile Desc	cription: (Describe	to the depth	needed to docum	nent the	indicator	or confirm	n the absence of i	ndicators.)
Depth	Matrix			x Feature				
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
0 - 20	10YR 4/1	_ <u>95</u> <u>1</u>	IOYR 4/6	5	<u> </u>	<u>M</u>	Clay Loam	
-								
<del></del>								
<u> </u>								
_								
<sup>1</sup> Type: C=C	oncentration, D=De	oletion. RM=R	Reduced Matrix, MS	S=Masked	d Sand Gr	ains.	<sup>2</sup> Location: Pl	L=Pore Lining, M=Matrix.
Hydric Soil								Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1)		Sandy C	Sleyed Ma	atrix (S4)		Coast Prai	rie Redox (A16)
Histic E	pipedon (A2)		Sandy F	Redox (S5	5)		Dark Surfa	ice (S7)
ı —	istic (A3)			Matrix (S	,			anese Masses (F12)
	en Sulfide (A4)				neral (F1)			ow Dark Surface (TF12)
_	d Layers (A5)			Gleyed M			Other (Exp	olain in Remarks)
ı —	uck (A10)	(Δ11)		d Matrix ( Dark Surfa	-			
I — ·	d Below Dark Surfac ark Surface (A12)	ce (ATT)	_		irface (F7	`	3Indicators of h	nydrophytic vegetation and
_	Mucky Mineral (S1)			Depressio		,		drology must be present,
	ucky Peat or Peat (S	33)		- op. 000.0	()			surbed or problematic.
	Layer (if observed)							•
Type: N	/A							,
Depth (in			_				Hydric Soil Pre	sent? Yes No
Remarks:								
Hyaric	soils are pre	sent.						
HYDROLO	GY							
Wetland Hy	drology Indicators	:						
Primary Indi	cators (minimum of	one is require	d; check all that ap	ply)			Secondary Ir	ndicators (minimum of two required)
Surface	Water (A1)		Water-Stai	ned Leav	es (B9)		Surface	Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic Fa	una (B13	)		Drainage	e Patterns (B10)
Saturati	on (A3)		True Aqua	tic Plants	(B14)		Dry-Sea	ison Water Table (C2)
Water M	larks (B1)		Hydrogen					Burrows (C8)
Sedime	nt Deposits (B2)		Oxidized F	Rhizosphe	res on Liv	ing Roots	(C3) <a href="#"> Saturation</a>	on Visible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence	of Reduce	ed Iron (C	4)	_	or Stressed Plants (D1)
ı —	at or Crust (B4)		Recent Iro	n Reducti	on in Tille	d Soils (C		phic Position (D2)
ı —	posits (B5)		Thin Muck		. ,		✓ FAC-Ne	utral Test (D5)
	on Visible on Aerial							
	y Vegetated Concav	re Surface (B8	3) Other (Exp	lain in Re	emarks)			
Field Obser			./					
Surface Wat			Depth (inc					
Water Table			Depth (inc					
Saturation P		Yes No	Depth (inc	ches):		Wetl	and Hydrology Pr	esent? Yes No
	pillary fringe) corded Data (strean	n gauge, mon	itoring well, aerial p	ohotos, pr	evious ins	pections),	if available:	
Remarks:								
Hydrolo	gy indicator	s are pre	esent.					

Project/Site: _ ^ t ‡ ) ? n " ‡ S _ Í 5 " ] ‡ H ‡   B Å " ¡ ]	Í͇ City/	County:	jêő D	‡ ĺĺ_ñ	Sampling Date:	н н
Applicant/Owner: ^ t						
Investigator(s): ^q‡Æ¡ĺ] ñp‡ q‡€ ĺê_]						
Landform (hillslope, terrace, etc.): S_5?_]]; ñ						
Slope (%): Lat: q						
Soil Map Unit Name: _t ê						
Are climatic / hydrologic conditions on the site typical for this time						
Are Vegetation, Soil, or Hydrology signifi				Normal Circumstances" p	_	No
Are Vegetation, Soil, or Hydrology natura	-			eded, explain any answe		
SUMMARY OF FINDINGS – Attach site map sho						tures, etc.
Hydrophytic Vegetation Present? Yes No						
Hydric Soil Present? Yes ✓ No _		Is the	Sampled			
Wetland Hydrology Present? Yes <u>✓</u> No		withi	n a Wetlan	d? Yes	No	
Remarks:				,		
t › › ‡¢ _ n ĺ õ m̃ N˙q̄õ ;‡} n ]t‡ ! ‡¢ _ n ĺ õ mõ Nī 	<b>ौ</b> \$  <b>∯</b> n _	? ê ¡	n]m <u>?ñ</u>	_nő‡9—1‡ q4E_nÍo	õῆ] <b>k‡</b> ‡n"; ñ⊳:	#Eq ∣
<b>VEGETATION</b> – Use scientific names of plants.						
			Indicator	Dominance Test work	sheet:	
1	Cover Sp		Status	Number of Dominant S That Are OBL, FACW,		(A)
2.						(',
3				Total Number of Domin Species Across All Stra		(B)
4				·		
5				Percent of Dominant Sp That Are OBL, FACW,		(A/B)
Sapling/Shrub Stratum (Plot size: ‡ n‡? )	= To	otal Cove	er	Prevalence Index wor	ksheet:	
1. (?ő«¡ñ}]‡5_ññ]°Ížőñ¡Bő		/	· НÆ	Total % Cover of:		ov:
2. H ?ñ}]‡õê ê}ê		<u>,                                    </u>	· HÆ	OBL species		
3. <u>  " ő ê ñ } ] ‡ Í ő ñ B _ Í ő n ő</u>				FACW species		
4.				FAC species		I
5				FACU species	x 4 =	
	P = To	otal Cove	er	UPL species	x 5 =	
<u>Herb Stratum</u> (Plot size: _ ‡ n ‡ ? )   t " Õ Í Õ ? ; ] ‡ Õ ? } ñ N ; ñ Õ B _ Õ		/	√ HÆ	Column Totals:	(A)	(B)
1. Hõ?_ «‡ĺ}?¡Nõ		•	> @	Prevalence Index	- B/A - G	
2.		•	· HÆ	Hydrophytic Vegetation		=
				✓ 1 - Rapid Test for H		ion
4.				✓ 2 - Dominance Tes		
6.				✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>	
7				4 - Morphological A		
8					s or on a separate sl	, I
9				Problematic Hydro	phytic Vegetation' (E	Explain)
10				<sup>1</sup> Indicators of hydric soi	il and watland budgal	la au consust
Woody Vine Stratum (Plot size: ‡ n ‡ ?)	P = To	otal Cove	er	be present, unless distu		
1				Hydrophytic		
2.				Vegetation		
	= To	otal Cove	er	Present? Ye	s No	_
Remarks: (Include photo numbers here or on a separate shee	t.)					
€°N? 5"° <b>iž <u>i</u> Β-‡</b> _nõη]j <b>‡ ñ</b> ±]_ñ r	n q					

US Army Corps of Engineers

SOIL	Point: _	<u>H</u>	€‡2
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Profile Descript	ion: (Describe t	o the depth r	needed to docu	ment the i	ndicator	or confirm	n the absence	of indicators.)
Depth	Matrix		Red	ox Features	6			
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup> _	_Loc <sup>2</sup>	Texture	Remarks
	Ó ‡ D		Ó ‡ D		<u>H</u>	t ‡ D	_Hĺõ°‡	
-								
<u>-</u>								
_								
¹Type: C=Conce	entration, D=Depl	etion RM=Re	educed Matrix M	– ——— IS=Macked	Sand Gr	aine	<sup>2</sup> l ocation	n: PL=Pore Lining, M=Matrix.
Hydric Soil Indi		cuon, min-me	duced Matrix, M	io-iviaskeu	Oand On	all is.		s for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1			Sandy	Gleyed Ma	trix (S4)			Prairie Redox (A16)
Histic Epipe	•			Redox (S5)				Surface (S7)
Black Histic	. ,			d Matrix (S	•		_	Manganese Masses (F12)
Hydrogen S	ulfide (A4)		Loamy	Mucky Min	eral (F1)			Shallow Dark Surface (TF12)
Stratified La	yers (A5)		Loamy	Gleyed Ma	trix (F2)		Other	(Explain in Remarks)
2 cm Muck (	(A10)		_ ·	ed Matrix (F				
ı — ·	low Dark Surface	(A11)	_	Dark Surfa			2	
ı —	Surface (A12)			ed Dark Su		)		s of hydrophytic vegetation and
	y Mineral (S1)		Redox	Depression	ns (F8)			d hydrology must be present,
Restrictive Laye	Peat or Peat (S3	)					uniess	s disturbed or problematic.
Type: ) D	er (ii observed).							
''			_				Hydric Soi	Present? Yes No
Depth (inches	S):							
Remarks:								
€°N?1E	3; <b>‡</b> ]õ‡? <u>5</u> ‡?	1 ñn	a					
	1 F J-1 - <u>-</u> - F .	_ ]	7					
HYDROLOGY	,							
Wetland Hydrol	ogy Indicators:							
Primary Indicato	rs (minimum of or	ne is required;	check all that a	pply)			Second	ary Indicators (minimum of two required)
Surface Wat	ter (A1)		Water-Sta	ained Leave	es (B9)		Sur	face Soil Cracks (B6)
High Water	Table (A2)			auna (B13)	, ,		_	inage Patterns (B10)
Saturation (/	A3)			atic Plants				-Season Water Table (C2)
Water Marks	s (B1)		Hydrogen				Cra	yfish Burrows (C8)
Sediment De	eposits (B2)		✓ Oxidized			ing Roots	(C3) Sat	uration Visible on Aerial Imagery (C9)
Drift Deposit	ts (B3)		Presence	of Reduce	d Iron (C4	4)	Stu	nted or Stressed Plants (D1)
Algal Mat or	Crust (B4)		Recent Ire	on Reduction	on in Tille	d Soils (Ce	6) <u>🗸</u> Geo	omorphic Position (D2)
Iron Deposit			Thin Muc					C-Neutral Test (D5)
Inundation \	/isible on Aerial Ir	nagery (B7)	Gauge or	Well Data	(D9)			
Sparsely Ve	getated Concave	Surface (B8)	Other (Ex	plain in Re	marks)			
Field Observati	ons:							
Surface Water P	resent? Ye	sNo	Depth (ir	nches):		_		
Water Table Pre	sent? Ye	es No	Depth (ir	nches):		_		
Saturation Prese			Depth (ir				land Hydrolog	y Present? Yes No
(includes capillar	ry fringe)			101100)		_   '''	iana myarolog	,, resent: 100 <u> </u>
Describe Record	led Data (stream	gauge, monito	oring well, aerial	photos, pre	evious ins	spections),	if available:	
Remarks:								
e∘N2 í	<del>j</del> ñ°N‡ ¡ B ĉ	i m 22.4 ₽	l ñnd	1				
	11114100	, ıw :: <u>¬</u> ].#	_1	1				

Project/Site: 1730 AEP North Delphos - Rockhill Delin	neation C	ity/County	: Lima/All	en	Sampling Date: 2021-12-09				
Applicant/Owner: AEP		State: Ohio	Sampling Point: 1-AH PFO						
Investigator(s): C. Kwolek, E. Wilson	s	ection, To	wnship, Ran	nge: S019 T003 R007	<u>'</u>				
				(concave, convex, none):					
Slope (%): 1 Lat: 40.763052					Datum: WGS 84				
Soil Map Unit Name: Pewamo silty clay loam, 0 to 1	percent s	lopes (P	mA)	NWI classifica	ation: N/A				
Are climatic / hydrologic conditions on the site typical for this	time of year	r? Yes	No	(If no, explain in Re	emarks.)				
Are Vegetation, Soil, or Hydrology signature.	gnificantly d	isturbed?	Are "l	Normal Circumstances" pr	resent? Yes No				
Are Vegetation, Soil, or Hydrology na	aturally prob	lematic?	(If nee	eded, explain any answer	s in Remarks.)				
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.									
Hydrophytic Vegetation Present? Yes No	)								
Hydric Soil Present? Yes No			e Sampled						
Wetland Hydrology Present? Yes <u>✓</u> No		with	in a Wetlan	d? Yes	No				
Remarks:	المعالمة المعالمة		ithin fausa	stad damuaasian and	adia cont to amall				
Wetland sample point for PFO portion of 4-B. W perennial stream. All three wetland criteria pres	-	esent wi	unin rores	sted depression and	adjacent to small				
<b>VEGETATION</b> – Use scientific names of plants.									
	Absolute	Dominant	Indicator	Dominance Test works	sheet:				
	% Cover			Number of Dominant Sp					
1. Populus deltoides	<u>75</u> .	<u> </u>	FAC	That Are OBL, FACW, o					
2. Fraxinus pennsylvanica	20	<u> </u>	FACW_	Total Number of Domina	ant				
3				Species Across All Strat	4				
4				Percent of Dominant Sp	pecies				
5				That Are OBL, FACW, o					
Sapling/Shrub Stratum (Plot size: 15 ft r )	95%=	Total Cov	er [	Prevalence Index work	sheet:				
1. Quercus palustris	30	✓	FACW	Total % Cover of:					
2.					x 1 = 0				
3.					x 2 = 180				
4					x 3 = 225				
5.				FACU species 0	x 4 = 0				
	30% =	Total Cov	/er	UPL species 0	x 5 = 0				
Herb Stratum (Plot size: 5 ft r )   1. Phalaris arundinacea	40	/	FACW	Column Totals: 165	(A) <u>405</u> (B)				
l "				Prevalence Index	= R/A = 2.5				
2			1	Hydrophytic Vegetatio					
3				1 - Rapid Test for H					
4				✓ 2 - Dominance Test					
5 6				✓ 3 - Prevalence Inde					
7				4 - Morphological A	daptations <sup>1</sup> (Provide supporting				
8				data in Remarks	s or on a separate sheet)				
9				Problematic Hydrop	ohytic Vegetation <sup>1</sup> (Explain)				
10				_					
Woody Vine Stratum (Plot size: 30 ft r	400/	Total Cov	/er	<sup>1</sup> Indicators of hydric soil be present, unless distu	and wetland hydrology must irbed or problematic.				
1				Hydrophytic					
2				Vegetation Present? Yes	s No				
		Total Cov	/er	rieselle Tes	,				
Remarks: (Include photo numbers here or on a separate si	heet.)								

SOIL Sampling Point: 1-AH PFO

Profile Desc	ription: (Describe	to the depth	needed to docur	nent the	indicator	or confirm	the absence of	indicators.)
Depth	Matrix							
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0 - 20	10YR 3/1	90 7	7.5YR 5/8	10	<u> </u>	PL / M	Clay Loam _	
-								
<del></del>				- ——				
<u> </u>								
_								
¹Type: C=Cd	oncentration, D=De	oletion RM=R	Reduced Matrix M	S=Maske	d Sand Gr	ains	2l ocation: I	PL=Pore Lining, M=Matrix.
Hydric Soil		oletion, rawi–r	CCGGCCG WIGHTA, WI	5-Maske	a Carla Ci	airis.		or Problematic Hydric Soils <sup>3</sup> :
Histosol			Sandy (	Gleved Ma	atrix (S4)			airie Redox (A16)
_	pipedon (A2)			Redox (St			Dark Sur	
Black Hi	stic (A3)		Stripped	d Matrix (	S6)		Iron-Man	ganese Masses (F12)
Hydroge	n Sulfide (A4)				neral (F1)		Very Sha	illow Dark Surface (TF12)
_	d Layers (A5)				atrix (F2)		Other (E)	xplain in Remarks)
_	ick (A10)	444		d Matrix (	. ,			
ı — ·	d Below Dark Surface	ce (A11)		Dark Surf			3Indiantors of	f hudrophytic vegetation and
	ark Surface (A12) Mucky Mineral (S1)			o Dark Si Depressio	urface (F7	)		f hydrophytic vegetation and nydrology must be present,
	icky Peat or Peat (S	(3)	Redox i	Depressio	nis (FO)			sturbed or problematic.
	Layer (if observed)	,					1	otarboa or problematio.
Type:								,
Depth (inc			_				Hydric Soil Pr	resent? Yes No
Remarks:			_					
Hydric s	soil present							
HYDROLO	GY							
Wetland Hy	drology Indicators	:						
Primary India	cators (minimum of	one is require	d; check all that ap	ply)			Secondary	Indicators (minimum of two required)
✓ Surface	Water (A1)		✓ Water-Sta	ined Leav	/es (B9)		Surfac	e Soil Cracks (B6)
✓ High Wa	iter Table (A2)		Aquatic Fa	auna (B13	3)		Draina	ige Patterns (B10)
✓ Saturation	on (A3)		True Aqua	itic Plants	(B14)		Dry-Se	eason Water Table (C2)
✓ Water M	arks (B1)		Hydrogen	Sulfide O	dor (C1)		Crayfis	sh Burrows (C8)
Sedimer	nt Deposits (B2)		Oxidized F	Rhizosphe	eres on Liv	ing Roots	(C3) Satura	tion Visible on Aerial Imagery (C9)
Drift Dep	posits (B3)		Presence	of Reduc	ed Iron (C	4)	Stunte	ed or Stressed Plants (D1)
-	at or Crust (B4)		Recent Iro	n Reduct	ion in Tille	d Soils (C6		orphic Position (D2)
ı —	oosits (B5)		Thin Muck		. ,		✓ FAC-N	leutral Test (D5)
	on Visible on Aerial				. ,			
	/ Vegetated Concav	e Surface (B	B) Other (Exp	olain in Re	emarks)			
Field Obser		./		_				
Surface Wate			Depth (in			-		
Water Table		_	Depth (in			_		•
Saturation P	oillary fringe)		o Depth (in					Present? Yes No
Describe Re	corded Data (strean	n gauge, mon	itoring well, aerial	photos, p	revious ins	spections),	ıt available:	
Remarks:								
Hydrolo	gy present							

Project/Site: AEP North Delphos - Rockhill Deline	eation	City/Co	ounty:	Lima/All	en Sampling Date: 2021-07-01				
Applicant/Owner: AEP					State: Ohio Sampling Point: 1-AH/AI UPL				
		Section	n, Tov	wnship, Rar	nge: S019, T003, R007				
					(concave, convex, none): None				
					Datum: WGS 84				
Soil Map Unit Name: PmA		0 -			NWI classification: None				
Are climatic / hydrologic conditions on the site typical for the	nis time of ve	ar? Ye	s						
Are Vegetation, Soil, or Hydrology					Normal Circumstances" present? Yes No				
Are Vegetation, Soil, or Hydrology					eded, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.									
Hydrophytic Vegetation Present? Yes	No								
Hydric Soil Present? Yes	No			e Sampled	•				
Wetland Hydrology Present? Yes	No		withi	in a Wetlan	nd? Yes No				
Remarks:									
Upland sample point for complex v	wetland	1-Al	На	nd PEN	M wetland 1-Al.				
VEGETATION – Use scientific names of plants	s.								
Tree Stratum (Plot size: 30 ft r )	Absolute			Indicator	Dominance Test worksheet:				
1. Robinia pseudoacacia	<u>% Cover</u> 10	Spec		FACU	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)				
2 Prunus serotina	- <del>5</del>			FACU	That Ale OBL, PACW, OF PAC.				
3					Total Number of Dominant Species Across All Strata: 6 (B)				
4.					Opecies Across Air Strata.				
5					Percent of Dominant Species That Are OBL, FACW, or FAC: 17 (A/B)				
15 ft r	15%	= Tota	l Cov	er					
Sapling/Shrub Stratum (Plot size: 15 ft r )	35	./		FACU	Prevalence Index worksheet:				
1. Lonicera morrowii	- <del>33</del>	<del>/</del>		FAC	Total % Cover of:  OBL species  Multiply by:  x 1 = 0				
2. Rhamnus cathartica 3. Robinia pseudoacacia	- <del>10</del>		—	FACU	OBL species $0 \times 1 = 0$ FACW species $0 \times 2 = 0$				
				1700	FAC species 15 x 3 = 45				
4					FACU species 85 x 4 = 340				
5	 50%	= Tota	L Cov		UPL species 0 x 5 = 0				
Herb Stratum (Plot size: 5 ft r )		- 10ta	1000		Column Totals: 100 (A) 385 (B)				
1. Tussilago farfara	_ 20			FACU					
2. Trifolium repens	_ 10			FACU	Prevalence Index = B/A = 3.9				
3. Persicaria virginiana	_ 5			FAC	Hydrophytic Vegetation Indicators:				
4					1 - Rapid Test for Hydrophytic Vegetation				
5					2 - Dominance Test is >50%				
6					3 - Prevalence Index is ≤3.0¹				
7			_		4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)				
8					Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)				
9									
10		= Tota	L Cov		<sup>1</sup> Indicators of hydric soil and wetland hydrology must				
Woody Vine Stratum (Plot size: 30 ft r )		- 10la	ii Cov	CI	be present, unless disturbed or problematic.				
1					Hydrophytic				
2					Vegetation Present? Yes No				
Boundary (body about a series)		= Tota	I Cov	er	16510				
Remarks: (Include photo numbers here or on a separate	,								
No hydrophytic vegetation presen	ıt.								

SOIL Sampling Point: 1-AH/AI UPL

Profile Description	on: (Describe	to the depth				or confire	n the absence of	indicators.)		
Depth	Matrix Color (moist)	——————————————————————————————————————	Color (moist)	ox Feature	SType <sup>1</sup> _	Loc <sup>2</sup>	Texture	Remarks		
		100	Color (moist)		_туре			Remarks		
0 - 20 10	YR 4/3	100 _					Silt Loam _			
_ <del>-</del>										
-										
—— —										
_ <del>-</del>										
<u> </u>										
<sup>1</sup> Type: C=Concer	ntration, D=Dep	letion, RM=R	educed Matrix, N	IS=Masked	d Sand Gra	ains.	<sup>2</sup> Location: F	PL=Pore Lining, M=Matrix.		
Hydric Soil Indic	ators:						Indicators fo	r Problematic Hydric Soils <sup>3</sup> :		
Histosol (A1)			Sandy	Gleyed Ma	atrix (S4)		Coast Pra	airie Redox (A16)		
	Histic Epipedon (A2) Sandy Redox (S5)						Dark Sur	, ,		
Black Histic (	,			d Matrix (S				ganese Masses (F12)		
Hydrogen Su	. ,			Mucky Mir				Illow Dark Surface (TF12)		
Stratified Lay 2 cm Muck (A	. ,			Gleyed Ma ed Matrix (			Other (E)	xplain in Remarks)		
ı —	ow Dark Surface	e (A11)		Dark Surfa						
Thick Dark S		<i>(</i> ( ( ) )	_	ed Dark Su	. ,	)	3Indicators of	f hydrophytic vegetation and		
Sandy Mucky	, ,			Depressio				nydrology must be present,		
	Peat or Peat (S	3)	_					sturbed or problematic.		
Restrictive Layer	r (if observed):									
Type: N/A			_							
Depth (inches)	):		_				Hydric Soil Pr	resent? Yes No		
Remarks:										
No hydric s	solis pres	CIIL								
HYDROLOGY										
Wetland Hydrolo	gy Indicators:									
Primary Indicators	s (minimum of o	ne is required	d; check all that a	pply)			Secondary	Indicators (minimum of two required)		
Surface Wate	er (A1)		Water-Sta	ained Leav	es (B9)		Surfac	e Soil Cracks (B6)		
High Water T	able (A2)		Aquatic F	auna (B13	)		Draina	ge Patterns (B10)		
Saturation (A	3)		True Aqu	atic Plants	(B14)		Dry-Season Water Table (C2)			
Water Marks	(B1)		Hydroger	Sulfide O	dor (C1)		Crayfis	sh Burrows (C8)		
Sediment De	posits (B2)		Oxidized	Rhizosphe	res on Liv	ing Roots	(C3) Satura	tion Visible on Aerial Imagery (C9)		
Drift Deposits	s (B3)		Presence	of Reduce	ed Iron (C4	1)	Stunte	d or Stressed Plants (D1)		
Algal Mat or 0	Crust (B4)		_	on Reducti		d Soils (C	6) Geomo	orphic Position (D2)		
Iron Deposits	, ,		Thin Muc	k Surface (	(C7)		FAC-N	leutral Test (D5)		
Inundation Vi	sible on Aerial I	magery (B7)	Gauge or	Well Data	(D9)					
Sparsely Veg	etated Concave	Surface (B8	) Other (Ex	plain in Re	emarks)					
Field Observatio										
Surface Water Pre			Depth (ir							
Water Table Pres	ent? Y	es No	Depth (in	nches):		_				
Saturation Present (includes capillary		es No	Depth (in	nches):		_ Wet	land Hydrology F	Present? Yes No		
Describe Recorde		gauge, moni	toring well, aerial	photos, pr	evious ins	pections),	if available:			
Remarks:										
No hydrolo	av nreser	nt								
	ay bicsel	10								

Project/Site: AEP North Delphos - Rockhill Delinea	tion (	City/County	: <u>Lima/All</u>						
Applicant/Owner: AEP			State: Ohio Sampling Point: 1-Al						
Investigator(s): E. Wilson, J. Holmes	\$	Section, To	wnship, Ra	nge: S019, T003, R007					
Landform (hillslope, terrace, etc.): Depression									
Slope (%): 0 Lat: 40.7630983	ו	Long: <u>-</u> 84	.1001589	Datum: WGS 84					
Soil Map Unit Name: PmA				NWI classification: None					
Are climatic / hydrologic conditions on the site typical for this									
Are Vegetation, Soil, or Hydrology signature.	gnificantly o	disturbed?	Are "	'Normal Circumstances" present? Yes No					
Are Vegetation, Soil, or Hydrology na				eeded, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.									
Hydrophytic Vegetation Present? Yes No	)								
Hydric Soil Present? Yes No			e Sampled						
Wetland Hydrology Present? Yes ✓ No	<u> </u>	with	in a Wetlar	nd? Yes No					
Remarks:									
Small PEM wetland alongside interm	nittent	strean	า 1-018	•					
VEGETATION – Use scientific names of plants.									
Tree Stratum (Plot size: 30 ft r	Absolute % Cover		Indicator	Dominance Test worksheet:					
1				Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)					
2				Total Number of Dominant					
3				Species Across All Strata: 3 (B)					
4				Percent of Dominant Species					
5				That Are OBL, FACW, or FAC: 100 (A/B)					
Sapling/Shrub Stratum (Plot size: 15 ft r )		- 10tai 00		Prevalence Index worksheet:					
1. Cornus amomum	5		FACW	Total % Cover of: Multiply by:					
2. Fraxinus pennsylvanica			FACW_	OBL species <u>5</u> x1 = <u>5</u>					
3				FACW species $\frac{95}{9}$ $\times 2 = \frac{190}{9}$					
4				FAC species $0$ $x 3 = 0$ FACU species $0$ $x 4 = 0$					
5		= Total Co	———	UPL species 0 x 5 = 0					
Herb Stratum (Plot size: 5 ft r )				Column Totals: 100 (A) 195 (B)					
1. Phalaris arundinacea	70								
2. Impatiens capensis	15 5		FACW	Prevalence Index = B/A = 2.0					
3. Carex frankii			OBL	Hydrophytic Vegetation Indicators:					
4				✓ 1 - Rapid Test for Hydrophytic Vegetation ✓ 2 - Dominance Test is >50%					
5				✓ 3 - Prevalence Index is ≤3.0 <sup>1</sup>					
6				4 - Morphological Adaptations¹ (Provide supporting					
7 8				data in Remarks or on a separate sheet)					
9.				Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)					
10				1					
Woody Vine Stratum (Plot size: 30 ft r	90%	= Total Co	ver	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.					
1				Hydrophytic					
2				Vegetation Present?  Yes No					
		= Total Co	ver	rieseitti ies NO					
Remarks: (Include photo numbers here or on a separate si	heet.)								
Hydrophytic vegetation is present.									

SOIL Sampling Point: 1-AI

Profile Description: (Describe to the de	pth needed to docu	ment the	indicator	or confire	n the absence of ind	icators.)			
Depth <u>Matrix</u>	Redox Features								
(inches) Color (moist) %	Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks			
0 - 20 10YR 3/1 95	10YR 4/3	_ <u>5</u>	. <u>C</u>	<u>M</u>	Silty Clay Loam				
-									
<del></del>									
_									
<sup>1</sup> Type: C=Concentration, D=Depletion, RN	/=Reduced Matrix. N	– ——— IS=Masked	d Sand Gr	ains.	<sup>2</sup> Location: PL=F	Pore Lining, M=Matrix.			
Hydric Soil Indicators:	Troduced matrix, if	io maone.	a Garia Gi	uii 10.		oblematic Hydric Soils <sup>3</sup> :			
Listosol (A1)	Sandy	Gleyed Ma	atrix (S4)		Coast Prairie	Redox (A16)			
Histic Epipedon (A2)		Redox (S5			Dark Surface				
Black Histic (A3)	Strippe	d Matrix (	36)		Iron-Mangane	ese Masses (F12)			
Hydrogen Sulfide (A4)	Loamy	Mucky Mi	neral (F1)		Very Shallow	Dark Surface (TF12)			
Stratified Layers (A5)		Gleyed M			Other (Explai	n in Remarks)			
2 cm Muck (A10)		ed Matrix (	,						
Depleted Below Dark Surface (A11)		Dark Surfa		`	3 Indicators of bus	Ironhutia vacatation and			
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)		ed Dark Su Depressio		)	-	Irophytic vegetation and plogy must be present,			
5 cm Mucky Peat or Peat (S3)		Depressio	113 (1 0)			ped or problematic.			
Restrictive Layer (if observed):					umood diotari	or problemate.			
Type: N/A						,			
Depth (inches):					Hydric Soil Prese	nt? Yes No			
Remarks:									
HYDROLOGY									
Wetland Hydrology Indicators:									
Primary Indicators (minimum of one is required)	uired; check all that a	pply)			Secondary Indi	cators (minimum of two required)			
Surface Water (A1)	Water-Sta	ained Leav	es (B9)		Surface So	oil Cracks (B6)			
High Water Table (A2)	Aquatic F	auna (B13	5)		Drainage F	Patterns (B10)			
Saturation (A3)	True Aqu	atic Plants	(B14)		Dry-Seaso	n Water Table (C2)			
Water Marks (B1)	Hydroger	Sulfide O	dor (C1)		Crayfish B	urrows (C8)			
Sediment Deposits (B2)	Oxidized	Rhizosphe	res on Liv	ing Roots		Visible on Aerial Imagery (C9)			
✓ Drift Deposits (B3)	Presence	of Reduce	ed Iron (C	4)	Stunted or	Stressed Plants (D1)			
Algal Mat or Crust (B4)	Recent Ir	on Reducti	ion in Tille	d Soils (C	6) <u><!--</u--> Geomorph</u>	ic Position (D2)			
Iron Deposits (B5)	Thin Muc	k Surface	(C7)		✓ FAC-Neutr	al Test (D5)			
Inundation Visible on Aerial Imagery (	B7) Gauge or	Well Data	(D9)						
Sparsely Vegetated Concave Surface	(B8) Other (Ex	plain in Re	emarks)						
Field Observations:									
Surface Water Present? Yes	No Depth (ii	nches):		_					
	No Depth (in								
Saturation Present? Yes	No Depth (in	nches):		Wet	land Hydrology Pres	ent? Yes No			
(includes capillary fringe)					if available.				
Describe Recorded Data (stream gauge, r	nonitoring well, aerial	priotos, pr	evious ins	spections),	if available:				
Remarks:									
	orecent								
Hydrology indicators are	JI COCIII.								

Project/Site: AEP North Delphos - Rockhill Delinea	Project/Site: AEP North Delphos - Rockhill Delineation City/County: Lima/ A								
Applicant/Owner: AEP		State: Ohio Sampling Point: 1-AJ							
Investigator(s): E. Wilson, J. Holmes	Sec	ction, Tov	vnship, Ran	nge:S013, <sup>-</sup>	T003, R006				
				concave, convex, none):					
Slope (%): 0 Lat: 40.7787373	Lor	ng: <u>-</u> 84.	1118436		Datum: WGS 84				
Soil Map Unit Name: PmA				NWI classific	cation: None				
Are climatic / hydrologic conditions on the site typical for this	time of year?	Yes							
Are Vegetation, Soil, or Hydrology si	ignificantly dist	turbed?	Are "I	Normal Circumstances" p	present? Yes No				
Are Vegetation, Soil, or Hydrology n	aturally proble	matic?	(If nee	eded, explain any answe	rs in Remarks.)				
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.									
Hydrophytic Vegetation Present? Yes No				_					
Hydric Soil Present? Yes No			Sampled						
Wetland Hydrology Present? Yes <u>✓</u> No	<u> </u>	withi	n a Wetlan	d? Yes	No				
Remarks:	vdrology di	io to no	arby bou	ico rupoff (through	outvort) dumns out in this				
Small PFO within small depression. Disturbed h area.	yarology at	ie to ne	earby nou	ise runon (tinough	culvert) dumps out in this				
VEGETATION – Use scientific names of plants.									
20 ##			Indicator	Dominance Test work	sheet:				
Tree Stratum (Plot size: 30 ft r )	% Cover S			Number of Dominant S					
1. Acer saccharinum 2. Quercus palustris	35 15		FACW	That Are OBL, FACW,	or FAC: 6 (A)				
			FACW_	Total Number of Domin					
3				Species Across All Stra	ata: <u>6</u> (B)				
4				Percent of Dominant Sp					
5	50% = 1	Total Cov	 er	That Are OBL, FACW,	or FAC: 100 (A/B)				
Sapling/Shrub Stratum (Plot size: 15 ft r )		otal oov	·	Prevalence Index wor	ksheet:				
1. Fraxinus pennsylvanica	10	<u> </u>	FACW_	Total % Cover of:					
2. Acer saccharinum	5	<u> </u>	FACW_		x 1 = 15				
3				FACW species 85	x 2 = <u>170</u>				
4				FAC species 0	x 3 = <u>0</u>				
5				FACU species 0					
Harb Strature (Diet siese 5 ft r	<u>15%                                    </u>	Total Cov	er	UPL species 0	x 5 = 0				
Herb Stratum (Plot size: 5 ft r )  1. Carex Iurida	15	1	OBL	Column Totals: 100	(A) <u>185</u> (B)				
Acer saccharinum	10		FACW	Prevalence Index	s = B/A = 1.9				
3. Fraxinus pennsylvanica	5 -		FACW	Hydrophytic Vegetation	on Indicators:				
4. Solidago gigantea	5		FACW	✓ 1 - Rapid Test for I	Hydrophytic Vegetation				
5.				✓ 2 - Dominance Tes	st is >50%				
6				✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>				
7					Adaptations <sup>1</sup> (Provide supporting				
8.					s or on a separate sheet)				
9.				Problematic Hydro	phytic Vegetation <sup>1</sup> (Explain)				
10				1 Indicators of budgie aci	il and watland hydrology must				
Woody Vine Stratum (Plot size: 30 ft r )	<u>35%</u> = T	Total Cov	er	be present, unless dist	il and wetland hydrology must urbed or problematic.				
1				Hydrophytic					
2				Vegetation	- <b>/</b> N-				
		Total Cov	er	Present? Ye	s No				
Remarks: (Include photo numbers here or on a separate s	sheet.)								
Hydrophytic vegetation is present									

SOIL Sampling Point: 1-AJ

Profile Desc	ription: (Describe	to the depth	needed to docu	ment the	indicator	or confir	n the absence of i	ndicators.)
Depth	Matrix							
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0 - 20	7.5YR 3/1	95	7.5YR 5/3	5	<u> </u>	<u>M</u>	Clay Loam	
-								
<u> </u>								
					- —			
<del></del>					- ——			
<u> </u>								
-								
¹Type: C=Co	ncentration, D=Dep	letion RM=F	Reduced Matrix Mi	S=Maske	d Sand Gr	ains	2l ocation: Pl	=Pore Lining, M=Matrix.
Hydric Soil I		iction, rtivi–i	CCGGCCG WIGHTA, WI	O-Maske	a Caria Ci	airis.		Problematic Hydric Soils <sup>3</sup> :
Histosol			Sandy	Gleyed Ma	atrix (S4)			rie Redox (A16)
I —	ipedon (A2)			Redox (St			Dark Surfa	
Black His	stic (A3)		Strippe	d Matrix (	36)		Iron-Manga	anese Masses (F12)
Hydroge	n Sulfide (A4)				neral (F1)		Very Shallo	ow Dark Surface (TF12)
_	Layers (A5)			Gleyed M			Other (Exp	lain in Remarks)
2 cm Mu	, ,	(4.44)		ed Matrix (				
ı — ·	Below Dark Surface	e (A11)		Dark Surf		`	3Indicators of h	undrankutia usastatian and
I	rk Surface (A12) ucky Mineral (S1)			ed Dark Si Depressio	urface (F7	)		nydrophytic vegetation and drology must be present,
	cky Peat or Peat (S	3)	Redox	Depressio	115 (1-0)			urbed or problematic.
	ayer (if observed)						The second secon	arboa or problemate.
Type: N/								•
Depth (inc			_				Hydric Soil Pre	sent? Yes No
Remarks:	1103).		<u> </u>					
Hydric s	oils are pre	sent.						
HYDROLO	3Y							
	rology Indicators:							
1	ators (minimum of		ed: check all that ar	(vlac			Secondary Ir	ndicators (minimum of two required)
✓ Surface		7110 10 10 quile	Water-Sta		res (R9)			Soil Cracks (B6)
_	ter Table (A2)		Aquatic Fa		` '		_	e Patterns (B10)
Saturatio	, ,		True Aqua					son Water Table (C2)
✓ Water Ma			Hydrogen		, ,			Burrows (C8)
ı —	t Deposits (B2)		✓ Oxidized F			ina Roots		on Visible on Aerial Imagery (C9)
I —	osits (B3)		Presence	-		-	—	or Stressed Plants (D1)
I — ·	t or Crust (B4)		Recent Iro		•	,		phic Position (D2)
Iron Dep	osits (B5)		Thin Muck			•		utral Test (D5)
✓ Inundatio	n Visible on Aerial	Imagery (B7)	Gauge or	Well Data	(D9)		_	
Sparsely	Vegetated Concav	e Surface (B	B) Other (Ex	plain in Re	emarks)			
Field Observ	ations:							
Surface Water	r Present?	′es N	o Depth (in	ches): 1_		_		
Water Table	Present?	'es N	o Depth (in	ches):		_		
Saturation Pr (includes cap	esent?		o Depth (in				land Hydrology Pr	esent? Yes No
	orded Data (stream	gauge, mon	itoring well, aerial	photos, p	revious ins	spections)	, if available:	
Remarks:								
	ny indicator	c aro or	ocant thrau	iahair	+ watla	and		
Tryurolo	gy indicator	s are pr	csent till Ot	igilou	. wella	iiu.		

Project/Site: AEP North Delphos - Rockhill Delir	neation (	City/Co	unty:	Lima/All	en Sampling Date: 2021-07-01				
Applicant/Owner: AEP					State: Ohio Sampling Point: 1-AJ/AK UPL				
Investigator(s): E. Wilson, J. Holmes		Section	n, Tov	wnship, Rar	nge: S013, T003, R006				
					(concave, convex, none): None				
Slope (%): 0 Lat: 40.7787171		Long: _	-84.	112677	Datum: WGS 84				
Soil Map Unit Name: PmA					NWI classification: None				
Are climatic / hydrologic conditions on the site typical for	this time of yea	ar? Ye	s	No	(If no, explain in Remarks.)				
Are Vegetation, Soil, or Hydrology	_ significantly	disturb	ed?	Are "	Normal Circumstances" present? Yes No				
Are Vegetation, Soil, or Hydrology	_ naturally pro	blemat	ic?	(If ne	eded, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.									
Hydrophytic Vegetation Present? Yes	No								
Hydric Soil Present? Yes <u>✓</u>				e Sampled	_				
Wetland Hydrology Present? Yes	No		with	in a Wetlan	nd? Yes No				
Remarks:									
Upland sample point for PFO wetl	lands 1-A	AJ ar	nd <sup>*</sup>	I-AK.					
VEGETATION – Use scientific names of plan	ts.								
Tree Stratum (Plot size:30 ft r)	Absolute			Indicator	Dominance Test worksheet:				
1. Acer saccharinum	<u>% Cover</u> 5	Speci		FACW	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)				
2									
3.					Total Number of Dominant Species Across All Strata: 3 (B)				
4					Percent of Dominant Species				
5					That Are OBL, FACW, or FAC: 33 (A/B)				
Sapling/Shrub Stratum (Plot size: 15 ft r )	5%	= Tota	I Cov	er	Prevalence Index worksheet:				
1					Total % Cover of: Multiply by:				
2					OBL species <u>0</u> x 1 = <u>0</u>				
3					FACW species $\frac{5}{2}$ $\times 2 = \frac{10}{2}$				
4					FAC species $5 \times 3 = 15$				
5					FACU species $\frac{55}{0}$ $\times 4 = \frac{220}{0}$ UPL species $\times 5 = \frac{55}{0}$				
Herb Stratum (Plot size: 5 ft r )		= Tota	I Cov	er	05 045				
1. Trifolium repens	55		· ——	FACU	Column Totals: 65 (A) 245 (B)				
2. Zea mays	35		·	NI	Prevalence Index = B/A = 3.8				
3. Poa pratensis	5			FAC	Hydrophytic Vegetation Indicators:				
4					1 - Rapid Test for Hydrophytic Vegetation				
5					2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹				
6					4 - Morphological Adaptations¹ (Provide supporting				
7 8					data in Remarks or on a separate sheet)				
9					Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)				
10.									
Woody Vine Stratum (Plot size: 30 ft r )	95%	= Tota	l Cov	er	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
1					Hydrophytic				
2					Vegetation				
		= Tota	l Cov	er	Present? Yes No				
Remarks: (Include photo numbers here or on a separa	,								
No hydrophytic vegetation prese	nt.								

Soll Sampling Point: 1-AJ/AK UPL

Profile Description: (Describe to the				or confin	n the absence of ii	idicators.)
Depth Matrix (inches) Color (moist) %		lox Feature %	Type <sup>1</sup>	Loc²	Texture	Remarks
0 - 20 10YR 4/2 95		 5	С	M	Clay Loam	
		_				
<u>-</u>						
17 O-0	DM-D-dudM-tdu-1	10-141	. ———		21	-Description Manager
<sup>1</sup> Type: C=Concentration, D=Depletion  Hydric Soil Indicators:	, RM=Reduced Matrix, N	/IS=Masked	a Sand Gi	ains.		.=Pore Lining, M=Matrix.  Problematic Hydric Soils³:
•	Candy	Clayed Ma	striv (CA)			•
Histosol (A1) Histic Epipedon (A2)		Gleyed Ma Redox (S5			Coast Prair	rie Redox (A16)
Black Histic (A3)		ed Matrix (S				anese Masses (F12)
Hydrogen Sulfide (A4)		Mucky Mir				ow Dark Surface (TF12)
Stratified Layers (A5)		Gleyed Ma				lain in Remarks)
2 cm Muck (A10)	✓ Deplet	ted Matrix (	F3)			
Depleted Below Dark Surface (A1		Dark Surfa	. ,			
Thick Dark Surface (A12)		ted Dark Su	-	)		ydrophytic vegetation and
Sandy Mucky Mineral (S1)	Redox	Depressio	ns (F8)			drology must be present,
5 cm Mucky Peat or Peat (S3)					unless dist	urbed or problematic.
Restrictive Layer (if observed):						
Type: N/A					Hydric Soil Pre	sent? Yes No
Depth (inches):						
No hydric soils present						
No hydric soils present						
No hydric soils present  HYDROLOGY  Wetland Hydrology Indicators:						
HYDROLOGY		apply)			Secondary Ir	ndicators (minimum of two required)
HYDROLOGY  Wetland Hydrology Indicators:	required; check all that a	apply) ained Leav	es (B9)		Surface	Soil Cracks (B6)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is	required; check all that a		, ,		Surface	
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)	required; check all that a Water-St Aquatic F	ained Leav	)		Surface  Drainage	Soil Cracks (B6)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1) High Water Table (A2)	required: check all that a Water-St Aquatic F True Aqu Hydrogei	ained Leav Fauna (B13 uatic Plants n Sulfide O	(B14) dor (C1)		<ul><li> Surface</li><li> Drainage</li><li> Dry-Sea</li><li> Crayfish</li></ul>	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)	required: check all that a Water-St Aquatic F True Aqu Hydroger	rained Leav Fauna (B13 uatic Plants n Sulfide O Rhizosphe	(B14) dor (C1) eres on Liv	-	Surface  V Drainage Dry-Sea Crayfish (C3) Saturatio	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	required: check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presence	rained Leav Fauna (B13 uatic Plants n Sulfide O Rhizosphe e of Reduce	(B14) (B14) dor (C1) eres on Lived Iron (C	4)	Surface  V Drainage  Dry-Sea  Crayfish  (C3) Saturation  Stunted	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	required; check all that a  Water-St  Aquatic F  True Aqu  Hydroger  Oxidized  Recent Ir	rained Leav Fauna (B13 uatic Plants in Sulfide Or Rhizosphe e of Reduce fron Reducti	(B14) (B14) dor (C1) eres on Lived Iron (C	4)	Surface  V Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	required; check all that a  Water-St  Aquatic F  True Aqu  Hydroger  Oxidized  Presencer  Recent In	rained Leav Fauna (B13 Jatic Plants In Sulfide Of Rhizosphe In Geduce Fon Reduction	(B14) dor (C1) eres on Lived Iron (C fon in Tille	4)	Surface  V Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Image	required; check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presencer Recent In Thin Muc	ained Leav Fauna (B13 uatic Plants n Sulfide O Rhizosphe e of Reduce ron Reducti ck Surface ( r Well Data	(B14) dor (C1) eres on Lived Iron (C don in Tille (C7) (D9)	4)	Surface  V Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Image  Sparsely Vegetated Concave Surfa	required; check all that a  Water-St  Aquatic F  True Aqu  Hydroger  Oxidized  Presencer  Recent In  Thin Muc	ained Leav Fauna (B13 uatic Plants n Sulfide O Rhizosphe e of Reduce ron Reducti ck Surface ( r Well Data	(B14) dor (C1) eres on Lived Iron (C don in Tille (C7) (D9)	4)	Surface  V Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Image  Sparsely Vegetated Concave Surfifield Observations:	required: check all that a  Water-St Aquatic F True Aqu Hydroger Oxidized Presencer Recent Ir Thin Muc ary (B7) Gauge ooled (B8) Other (E:	ained Leav Fauna (B13 uatic Plants n Sulfide Or Rhizosphe e of Reduce ron Reducti ck Surface ( r Well Data xplain in Re	(B14) (B14) (dor (C1) eres on Lived Iron (C fon in Tille (C7) (D9) emarks)	4) ed Soils (C	Surface  V Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Image  Sparsely Vegetated Concave Surficial Observations:  Surface Water Present?  Yes	required: check all that a gray water-St and Aquatic Fundament of the control of	ained Leav Fauna (B13 uatic Plants n Sulfide Or Rhizosphe e of Reduce ron Reducti ck Surface ( r Well Data xplain in Re	(B14) (B14) dor (C1) eres on Lived Iron (C fon in Tille (C7) (D9) ermarks)	4) ed Soils (C	Surface  V Drainage Dry-Sea Crayfish (C3) Saturation Stunted Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Image  Sparsely Vegetated Concave Surficield Observations:  Surface Water Present?  Yes  Water Table Present?	required; check all that a  Water-St Aquatic F True Aqu Hydrogei Oxidized Presence Recent II Thin Muc ary (B7) Gauge o face (B8) Other (E:	rained Leav Fauna (B13 vatic Plants in Sulfide Or Rhizosphe e of Reduce ron Reducti ck Surface ( ir Well Data xplain in Re inches):nches):	(B14) (B14) dor (C1) eres on Lived Iron (C don in Tille (C7) (D9) emarks)	4) ed Soils (C	Surface  Drainage Dry-Sea Crayfish  (C3) Saturatic Stunted 6) Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Image Sparsely Vegetated Concave Surficiel Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes (includes capillary fringe)	required; check all that a Water-St Aquatic F True Aqu Hydrogei Oxidized Presence Recent II Thin Muc Gauge o ace (B8) Other (E: No Depth (i No	rained Leav Fauna (B13 vatic Plants in Sulfide Or Rhizosphe e of Reduce ron Reducti ck Surface ( ir Well Data xplain in Re inches): inches): inches): inches):	(B14) (B14) dor (C1) eres on Lived Iron (C fon in Tille (C7) (D9) emarks)	4) ed Soils (C	Surface  Drainage Dry-Sea Crayfish Saturatie Stunted Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Image  Sparsely Vegetated Concave Surficield Observations:  Surface Water Present? Yes  Water Table Present? Yes  Saturation Present? Yes  Saturation Present? Yes	required; check all that a Water-St Aquatic F True Aqu Hydrogei Oxidized Presence Recent II Thin Muc Gauge o ace (B8) Other (E: No Depth (i No	rained Leav Fauna (B13 vatic Plants in Sulfide Or Rhizosphe e of Reduce ron Reducti ck Surface ( ir Well Data xplain in Re inches): inches): inches): inches):	(B14) (B14) dor (C1) eres on Lived Iron (C fon in Tille (C7) (D9) emarks)	4) ed Soils (C	Surface  Drainage Dry-Sea Crayfish Saturatie Stunted Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Image Sparsely Vegetated Concave Surficiel Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes (includes capillary fringe)	required; check all that a Water-St Aquatic F True Aqu Hydrogei Oxidized Presence Recent II Thin Muc Gauge o ace (B8) Other (E: No Depth (i No	rained Leav Fauna (B13 vatic Plants in Sulfide Or Rhizosphe e of Reduce ron Reducti ck Surface ( ir Well Data xplain in Re inches): inches): inches): inches):	(B14) (B14) dor (C1) eres on Lived Iron (C fon in Tille (C7) (D9) emarks)	4) ed Soils (C	Surface  Drainage Dry-Sea Crayfish Saturatie Stunted Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Image  Sparsely Vegetated Concave Surficiated Observations:  Surface Water Present? Yes  Water Table Present? Yes  Saturation Present? Yes  (includes capillary fringe)  Describe Recorded Data (stream gauge)	required; check all that a Water-St Aquatic F True Aqu Hydrogei Oxidized Presence Recent II Thin Muc Gauge o ace (B8) Other (E: No Depth (i No	rained Leav Fauna (B13 vatic Plants in Sulfide Or Rhizosphe e of Reduce ron Reducti ck Surface ( ir Well Data xplain in Re inches): inches): inches): inches):	(B14) (B14) dor (C1) eres on Lived Iron (C fon in Tille (C7) (D9) emarks)	4) ed Soils (C	Surface  Drainage Dry-Sea Crayfish Saturatie Stunted Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Image  Sparsely Vegetated Concave Surficial Observations:  Surface Water Present?  Water Table Present?  Yes  Saturation Present?  Yes  (includes capillary fringe)  Describe Recorded Data (stream gauge)	required; check all that a Water-St Aquatic F True Aqu Hydrogei Oxidized Presence Recent II Thin Muc Gauge o ace (B8) Other (E: No Depth (i No	rained Leav Fauna (B13 vatic Plants in Sulfide Or Rhizosphe e of Reduce ron Reducti ck Surface ( ir Well Data xplain in Re inches): inches): inches): inches):	(B14) (B14) dor (C1) eres on Lived Iron (C fon in Tille (C7) (D9) emarks)	4) ed Soils (C	Surface  Drainage Dry-Sea Crayfish Saturatie Stunted Geomor FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)

Project/Site: AEP North Delphos - Rockhill Delinea	: Lima/ Al	len Sampling Date: 2021-07-01							
Applicant/Owner: AEP		State: Ohio Sampling Point: 1-AK							
Investigator(s): E. Wilson, J. Holmes	s	ection, To	wnship, Rar	nge: S013, T003, R006					
				(concave, convex, none): Concave					
Slope (%): 0 Lat: 40.7787373	Lo	ong: <u>-</u> 84	.1130876	Datum: WGS 84					
Soil Map Unit Name: PmA				NWI classification: None					
Are climatic / hydrologic conditions on the site typical for this	time of year								
Are Vegetation, Soil, or Hydrology signature.	Are "I	Normal Circumstances" present? Yes No							
Are Vegetation, Soil, or Hydrology na	aturally prob	lematic?	(If ne	eded, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.									
Hydrophytic Vegetation Present? Yes No									
Hydric Soil Present? Yes No			e Sampled	_					
Wetland Hydrology Present? Yes   ✓ No	·	with	in a Wetlan	d? Yes No					
Remarks:									
PFO wetland that continues offsite.	Aeriai v	view ic	oks sa	turated.					
VEGETATION – Use scientific names of plants.									
7 0 1 20 ft r		Dominant		Dominance Test worksheet:					
Tree Stratum (Plot size: 30 ft r )  1. Acer saccharinum	<u>% Cover</u> _ 35	Species?	FACW	Number of Dominant Species					
Quercus palustris	15		FACW	That Are OBL, FACW, or FAC: 7 (A)					
3 Fraxinus pennsylvanica	10		FACW	Total Number of Dominant					
	-10		TACV	Species Across All Strata: 7 (B)					
4 5.				Percent of Dominant Species					
	60% =	: Total Cov	 /er	That Are OBL, FACW, or FAC: 100 (A/B)					
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index worksheet:					
1. Fraxinus pennsylvanica	15	<b>✓</b>	FACW	Total % Cover of: Multiply by:					
2. Acer saccharinum	5	<b>✓</b>	FACW_	OBL species $\frac{0}{2}$ $\times 1 = \frac{0}{122}$					
3				FACW species 95 x 2 = 190					
4				FAC species $\frac{5}{2}$ $\times 3 = \frac{15}{2}$					
5				FACU species $\frac{0}{0}$ $x = 4$					
Herb Stratum (Plot size: 5 ft r )	20%=	Total Cov	/er	UPL species $\frac{0}{100}$ $x = \frac{0}{205}$ (B)					
1. Acer saccharinum	10	✓	FACW	Column Totals: 100 (A) 205 (B)					
2. Fraxinus pennsylvanica	5	<b>✓</b>	FACW	Prevalence Index = B/A = 2.1					
3. Toxicodendron radicans	5	<b>✓</b>	FAC	Hydrophytic Vegetation Indicators:					
4				1 - Rapid Test for Hydrophytic Vegetation					
5				✓ 2 - Dominance Test is >50%					
6				✓ 3 - Prevalence Index is ≤3.0 <sup>1</sup>					
7				4 - Morphological Adaptations <sup>1</sup> (Provide supporting					
8				data in Remarks or on a separate sheet)					
9				Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)					
10				<sup>1</sup> Indicators of hydric soil and wetland hydrology must					
Woody Vine Stratum (Plot size: 30 ft r )	20% =	: Total Cov	/er	be present, unless disturbed or problematic.					
1				Hydrophytic					
2				Vegetation Present? Yes No					
		Total Cov	/er	165 NO					
Remarks: (Include photo numbers here or on a separate si	heet.)								
Hydrophytic vegetation is present									

SOIL Sampling Point: 1-AK

Profile Desc	ription: (Describe	to the depth	n needed to docur	nent the	indicator	or confirm	n the absence of ir	ndicators.)		
Depth	Matrix		Redo	x Feature	s					
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks		
0 - 20	7.5YR 3/1	<u> 95                                    </u>	7.5YR 5/3	5	<u> </u>	<u>M</u>	Clay Loam			
-										
<u> </u>										
<u> </u>										
	oncentration, D=Dep	pletion, RM=F	Reduced Matrix, MS	S=Masked	d Sand Gr	ains.		=Pore Lining, M=Matrix.		
Hydric Soil								Problematic Hydric Soils <sup>3</sup> :		
Histosol				Sleyed Ma				rie Redox (A16)		
I — ·	oipedon (A2) stic (A3)			Redox (S5 d Matrix (5			Dark Surfac	ce (S7) anese Masses (F12)		
ı —	en Sulfide (A4)				neral (F1)			ow Dark Surface (TF12)		
	d Layers (A5)			Gleyed M				lain in Remarks)		
2 cm Mu	ıck (A10)			d Matrix (						
I — ·	d Below Dark Surfac	ce (A11)	_	Dark Surfa			2			
_	ark Surface (A12)				urface (F7	)		ydrophytic vegetation and		
	lucky Mineral (S1) icky Peat or Peat (S	:3)	Redox L	Depressio	ns (F8)			drology must be present, urbed or problematic.		
	Layer (if observed)	,					unless disti	urbed of problematic.		
Type: N								,		
Depth (in			_				Hydric Soil Pres	sent? Yes No		
Remarks:										
Hydric	soils are pre	sent.								
HYDROLO	GY									
Wetland Hy	drology Indicators	:								
1	cators (minimum of		ed; check all that ap	ply)			Secondary In	ndicators (minimum of two required)		
	Water (A1)		✓ Water-Sta		res (B9)			Soil Cracks (B6)		
High Wa	ater Table (A2)		Aquatic Fa				Drainage Patterns (B10)			
Saturation	on (A3)		True Aqua	tic Plants	(B14)		Dry-Seas	son Water Table (C2)		
✓ Water M	larks (B1)		Hydrogen					Burrows (C8)		
Sedimer	nt Deposits (B2)		Oxidized F	Rhizosphe	eres on Liv	ing Roots	(C3) <a>Saturation</a>	on Visible on Aerial Imagery (C9)		
Drift Dep	oosits (B3)		Presence		•	,		or Stressed Plants (D1)		
1 — "	at or Crust (B4)		Recent Iro			d Soils (C	<i>-</i>	phic Position (D2)		
ı —	posits (B5)	(DZ)	Thin Muck				<u>✓</u> FAC-Net	utral Test (D5)		
1 —	on Visible on Aerial		_ `							
Field Obser	Vegetated Concav	e Suriace (B	8) Other (Exp	nam in Ke	emarks)					
Surface Wat		/oc N	o Depth (in	choc):						
Water Table			o Depth (in							
Saturation P			o Depth (inc				and Hydrology Pre	esent? Yes No		
(includes cap		162 IV	o Depti (iii	es)		_   ••••	and Hydrology Pre	esent! TesNO		
Describe Re	corded Data (strean	n gauge, mor	nitoring well, aerial p	ohotos, pi	evious ins	spections),	if available:			
Remarks:										
Hydrolo	gy indicator	e aro nr	esent throu	ahout	· wetl	and				
וייטוטוט	gy mulacator	a are pr	CSCIIL HII UU	grioui	. wella	iiid.				

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 1730 AEP North Delphos - Rockhill Delineation Ci	ty/County: Fort Jennings/ Putnam Sampling Date: 2021-07-01
•	State: Ohio Sampling Point: 1-AL
Investigator(s): E. Wilson, J. Holmes Se	ection, Township, Range: S004, T002, R005
	relief (concave, convex, none): Concave Slope (%): 1
	Long:84.2938438 Datum: WGS 84
	NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year	
	sturbed? Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally probl	
SUMMARY OF FINDINGS – Attach site map showing s	ampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area
Hydric Soil Present? Yes No	within a Wetland? Yes No
Wetland Hydrology Present? Yes No	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
PEM Wetland Within an open heid that may b	e used for hay. Wetland lies within depression.
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 Le	aves (B9) Drainage Patterns (B10)
High Water Table (A2) Aquatic Fauna (B	
Saturation (A3) Marl Deposits (B1	
Water Marks (B1) Hydrogen Sulfide	
	heres on Living Roots (C3) Saturation Vis ble on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Redu Algal Mat or Crust (B4) Recent Iron Redu	uced Iron (C4) Stunted or Stressed Plants (D1)  Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surfac	
Inundation Visible on Aerial Imagery (B7) Other (Explain in	· · · · · · · · · · · · · · · · · · ·
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 No
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos,	previous inspections), if available:
Demodus	
Hydrology indicators are present	

<u>,                                      </u>				
To a Otration (District 30 ft r	Absolute		nt Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30 ft r )			? 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				Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)
5				That Are OBL, FACW, or FAC: 100 (A/B)
6				Prevalence Index worksheet:
7				
45.6		= Total Co	over	GBE species X
Sapling/Shrub Stratum (Plot size: 15 ft r )				FACW species $\frac{95}{5}$ $\times 2 = \frac{190}{15}$
1				FAC species $\frac{5}{2}$ $\times 3 = \frac{15}{2}$
2				FACU species $0 \times 4 = 0$
				UPL species 0 x 5 = 0
3	<del></del>	-		Column Totals: 100 (A) 205 (B)
4				
5				Prevalence Index = B/A = 2.1
6.				Hydrophytic Vegetation Indicators:
				✓ 1 - Rapid Test for Hydrophytic Vegetation
7			_	✓ 2 - Dominance Test is >50%
		= Total Co	over	
Herb Stratum (Plot size: 5 ft r				✓ 3 - Prevalence Index is ≤3.0 <sup>1</sup>
1. Phalaris arundinacea	70	✓	FACW	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Carex cristatella	20	✓	FACW	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
- Corov gravi			<u> </u>	
				<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4. Toxicodendron radicans	5		<u>FAC</u>	be present, unless disturbed or problematic.
5				Definitions of Vegetation Strata:
6				
				<b>Tree</b> – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
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.
				Woody vines – All woody vines greater than 3.28 ft in
12			<del>-</del>	height.
	100%	= Total Co	over	
Woody Vine Stratum (Plot size: 30 ft r				
1				
2				
3				Hydrophytic
4				Vegetation Present? Yes No
		= Total Co	over	resent? res No
Remarks: (Include photo numbers here or on a separate				<u> </u>
	,			
Hydrophytic vegetation is present.				

SOIL Sampling Point: 1-AL

Profile Desc	ription: (Describe	to the de	oth needed to docur	nent the	indicator	or confirm	n the absence	of indicators.)
Depth	Matrix			x Feature				
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>	Remarks
0 - 20	7.5YR 3/1	95	7.5YR 5/4	5	<u>C</u>	PL / M	Clay Loam	
_								
l — -				·				-
	-							
_								
				·				
_								
	-		-		. —			
				· <del></del>				
_								
<sup>1</sup> Type: C=Co	oncentration, D=Dep	letion, RM	l=Reduced Matrix, M	S=Maske	d Sand Gr	ains.	<sup>2</sup> Location	: PL=Pore Lining, M=Matrix.
Hydric Soil I	Indicators:						Indicators	for Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Belov	w Surface	(S8) ( <b>LR</b>	R R,		Muck (A10) ( <b>LRR K, L, MLRA 149B</b> )
	pipedon (A2)		MLRA 149B					Prairie Redox (A16) (LRR K, L, R)
Black Hi	, ,		Thin Dark Surfa					Mucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4) d Layers (A5)		Loamy Mucky N			k, L)		Surface (S7) (LRR K, L)
	d Layers (A5) d Below Dark Surfac	- (Δ11)	Loamy Gleyed Depleted Matrix		<del>-</del> )			ulue Below Surface (S8) ( <b>LRR K, L</b> )  Park Surface (S9) ( <b>LRR K, L</b> )
	ark Surface (A12)	.e (A11)	✓ Redox Dark Su		)			anganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)		Depleted Dark					ont Floodplain Soils (F19) ( <b>MLRA 149B</b> )
1	Bleyed Matrix (S4)		Redox Depress		,			Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy R	ledox (S5)						Red P	arent Material (F21)
	Matrix (S6)							Shallow Dark Surface (TF12)
Dark Sui	rface (S7) ( <b>LRR R, I</b>	MLRA 149	<b>B</b> )				Other	(Explain in Remarks)
3Indicators of	F bydrophytic vocata	tion and u	atland budgalagu mug	t ha araa	ont unloc	a diaturbad	l or problematic	
	_ayer (if observed):		etland hydrology mus	st be pres	ent, unies	s disturbed	Tor problemation	<i>j</i> .
Type: No		•						
							Uhadaia Cail	Present? Yes No
	ches):						Hydric Soil	Present? Yes No
Remarks:								
Hydric s	oils are pres	ent						
lingario	one are pree	OIIC.						

Project/Site: AEP North Delphos - Rockhill Delinea	tion c	City/Coun	<sub>nty:</sub> <u>Lima/All</u>	len	Sampling Date: 2021-06-30
Applicant/Owner: AEP		Sampling Point: 2-A PEM			
Investigator(s): Tyler Russell	8	Section, 1	Township, Rai	<sub>nge:</sub> Section 13, 3S 6	E
Landform (hillslope, terrace, etc.): Depression					
Slope (%): 5 Lat: 40.784646	լ	ong:8	34.12247		Datum: WGS 84
Soil Map Unit Name: Gwg5B2				NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this			_		
Are Vegetation, Soil, or Hydrology si					present? Yes No
Are Vegetation, Soil, or Hydrology na	-			eded, explain any answe	
SUMMARY OF FINDINGS – Attach site map s					,
Hydrophytic Vegetation Present? Yes No	)				
Hydric Soil Present? Yes No			the Sampled		N-
Wetland Hydrology Present? Yes ✓ No	·	Wi	ithin a Wetlan	id? Yes	No
Remarks:					
<b>VEGETATION</b> – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r			nt Indicator Status	Dominance Test work	
1				Number of Dominant Sp That Are OBL, FACW, of	
2.					
3				Total Number of Domin Species Across All Stra	_
4				Percent of Dominant Sp	
5				That Are OBL, FACW, of	
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total C	Cover	Prevalence Index work	ksheet:
1				Total % Cover of:	
2					x 1 = 10
3				FACW species 100	x 2 = 200
4					x 3 = <u>15</u>
5					x 4 = 0
Herb Stratum (Plot size: 5 ft r )	=	= Total C	Cover	· —	x 5 = 0
Agrimonia parviflora	40	/	FACW	Column Totals: 115	(A) <u>225</u> (B)
2. Carex cristatella	25		FACW	Prevalence Index	= B/A = <u>1.96</u>
3. Lysimachia nummularia	20		FACW	Hydrophytic Vegetation	
4. Carex grayi	10		FACW	✓ 1 - Rapid Test for H	Hydrophytic Vegetation
5. Scirpus atrovirens	10		OBL	✓ 2 - Dominance Tes	t is >50%
6. Phalaris arundinacea	5		_ FACW_	✓ 3 - Prevalence Inde	
7. Toxicodendron radicans	5		_ FAC	4 - Morphological A	Adaptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8				1	phytic Vegetation <sup>1</sup> (Explain)
9					(
10	115%				I and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	11370	= Total C	over	be present, unless distu	ırbed or problematic.
1				Hydrophytic	
2				Vegetation	s No
		= Total C	Cover	Present? Yes	S NO
Remarks: (Include photo numbers here or on a separate s	heet.)				
Hydrophytic vegetation present					

SOIL Sampling Point: 2-A PEM

Profile Desc	cription: (Describe	to the de	oth needed to docu	ment the	indicator	or confirn	n the absence of inc	dicators.)				
Depth	Matrix		Redo	ox Feature	es							
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup> _	Loc <sup>2</sup>	Texture	Remarks				
0-1	10YR 3/2	_ <u>100</u> _					Clay Loam					
1-20	10YR 4/2	85	10YR 4/4	15	С	PL / M	Clay Loam					
-												
<u> </u>												
<u> </u>												
		pletion, RM	I=Reduced Matrix, M	IS=Maske	d Sand Gr	ains.		Pore Lining, M=Matrix.				
Hydric Soil								roblematic Hydric Soils <sup>3</sup> :				
Histosol				Gleyed M				e Redox (A16)				
I —	pipedon (A2) istic (A3)			Redox (Sad Matrix (			Dark Surfac	e (S7) nese Masses (F12)				
	en Sulfide (A4)				ineral (F1)			v Dark Surface (TF12)				
1	d Layers (A5)			-	latrix (F2)			nin in Remarks)				
2 cm Mu	uck (A10)			ed Matrix				,				
	d Below Dark Surfa	ce (A11)	_	Dark Surf								
I —	ark Surface (A12)				urface (F7)	)		drophytic vegetation and				
	Mucky Mineral (S1) ucky Peat or Peat (S	22)	Redox	Depression	ons (F8)			rology must be present, rbed or problematic.				
	Layer (if observed)						unless distu	bed of problematic.				
l _								,				
" —	ches):						Hydric Soil Pres	ent? Yes No				
Remarks:												
Hydric	soil present											
HYDROLO	GY											
Wetland Hy	drology Indicators	:										
Primary Indi	cators (minimum of	one is requ	ired; check all that a	pply)			Secondary Inc	licators (minimum of two required)				
I —	Water (A1)		Water-Sta	ained Lea	/es (B9)		Surface Soil Cracks (B6)					
— "	ater Table (A2)		Aquatic F	,	,		Drainage Patterns (B10)					
✓ Saturati	,		True Aqu		, ,		Dry-Season Water Table (C2)					
ı —	farks (B1)		Hydrogen			·	Crayfish E	, ,				
	nt Deposits (B2)		✓ Oxidized			_		No Visible on Aerial Imagery (C9)				
I —	posits (B3) at or Crust (B4)				ed Iron (Ca tion in Tille	,		r Stressed Plants (D1) hic Position (D2)				
1 —	posits (B5)		Thin Muc			u solis (oc	✓ FAC-Neu	, ,				
ı —	on Visible on Aerial	Imagery (E						1001 (D0)				
	y Vegetated Concav				. ,							
Field Obser			· / <u> </u>									
Surface Wat	er Present?	Yes	No Depth (in	nches):								
Water Table			No Depth (ir									
				Saturation Present? Yes No Depth (inches): 3 Wetland Hydrology Present? Yes No								
Saturation P	pillary fringe)											
Saturation P	pillary fringe)		onitoring well, aerial	photos, p			if available:					
Saturation P	pillary fringe)			photos, p			if available:					
Saturation P (includes cal Describe Re	pillary fringe) corded Data (strear			photos, p			if available:					
Saturation P (includes cal Describe Re	pillary fringe)			photos, p			if available:					

Project/Site: AEP North Delphos - Rockhill Deline	eation (	City/Cou	ounty: Lima/Allen Sampling Date: 2021-0				
Applicant/Owner: AEP			Sampling Point: 2-A/B U	JPL			
Investigator(s): Tyler Russell		Section,	Township, Rar	o, Range: Section 13, 3S 6E			
				(concave, convex, none):	_		
Slope (%): 2 Lat: 40.785245	ι	Long:	84.12333		Datum: WGS 84		
Soil Map Unit Name: Blg1B1				NWI classific	ation:		
Are climatic / hydrologic conditions on the site typical for th	nis time of yea	ar? Yes	No	(If no, explain in R	emarks.)		
Are Vegetation, Soil, or Hydrology	significantly of	disturbe	d? Are "l	Normal Circumstances" p	oresent? Yes No _		
Are Vegetation, Soil, or Hydrology	naturally prob	blematic	? (If ne	eded, explain any answe	rs in Remarks.)		
SUMMARY OF FINDINGS - Attach site map	showing	samp	ling point lo	ocations, transects	, important features,	etc.	
Hydrophytic Vegetation Present? Yes !	No						
Hydric Soil Present? Yes 1	No		s the Sampled				
Wetland Hydrology Present? Yes !	No	W	vithin a Wetlan	id? Yes	No		
Remarks:							
Upland sample associated with we	etland 2-	-A PE	EM and 2-	-B PEM			
VEGETATION – Use scientific names of plants	3.						
20 ft r	Absolute		ant Indicator	Dominance Test work	sheet:		
Tree Stratum (Plot size: 30 ft r )  Acer saccharum	25	Specie	ss? Status FACU	Number of Dominant Sp		· A \	
2.				That Are OBL, FACW, o	or FAC: 0 (A	Α)	
3				Total Number of Domini Species Across All Stra		(B)	
4.				·		,	
5.				Percent of Dominant Sp That Are OBL, FACW, of		A/B)	
Continue Observe (Distriction 15 ft r	35%	= Total (	Cover				
Sapling/Shrub Stratum (Plot size: 15 ft r )  1. Ligustrum vulgare	15	1	FACU	Prevalence Index worl  Total % Cover of:			
Ligustrum vuigare     Lonicera maackii	- <del>15</del>				$\times 1 = 0$		
3					x 2 = 0		
4				· .	x 3 = 0		
5.				FACU species 65	x 4 = <u>260</u>		
F.4.	30%	= Total	Cover	UPL species 0	x 5 = <u>0</u>		
Herb Stratum (Plot size: 5 ft r ) 1 Parthenocissus quinquefolia	15	/	FACU	Column Totals: 65	(A) <u>260</u>	(B)	
"				Prevalence Index	= B/A = 4.00		
2				Hydrophytic Vegetation			
4				1 - Rapid Test for ⊦	lydrophytic Vegetation		
5				2 - Dominance Tes	t is >50%		
6.				3 - Prevalence Inde			
7				4 - Morphological A	Adaptations <sup>1</sup> (Provide suppo	orting	
8					s or on a separate sheet) ohytic Vegetation¹ (Explain)		
9				Froblematic Hydron	mytic vegetation (Explain)	'	
10	450/			Indicators of hydric soil	l and wetland hydrology mu	ıst	
Woody Vine Stratum (Plot size: 30 ft r )	<u>15%                                    </u>	= Total	Cover	be present, unless distu			
1				Hydrophytic			
2				Vegetation Present? Yes	s No		
Pomarka: /Include photo pumbers here or on a service		= Total	Cover	100			
Remarks: (Include photo numbers here or on a separate	,						
No Hydrophytic vegetation presen	ıt. Bare (	groui	nd due to	canopy cover			

US Army Corps of Engineers

Soll Sampling Point: 2-A/B UPL

Profile Description: (	Describe to the dep	th needed to docu	ment the in	dicator	or confirm	n the absence of ir	dicators.)			
Depth	Matrix		x Features		. 2					
	(moist) %	Color (moist)		Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks			
0 - 20 10YR 5	5/3 100					Loamy Sand				
-										
<u>-</u>										
<del></del>										
<del>-</del>										
<sup>1</sup> Type: C=Concentration		=Reduced Matrix, M	S=Masked	Sand Gra	ains.		=Pore Lining, M=Matrix.			
Hydric Soil Indicators	:						Problematic Hydric Soils <sup>3</sup> :			
— Histosol (A1)	2)		Gleyed Mati			_	ie Redox (A16)			
<ul><li>Histic Epipedon (A</li><li>Black Histic (A3)</li></ul>	2)		Redox (S5) d Matrix (S6			Dark Surfac	nese Masses (F12)			
Hydrogen Sulfide (	A4)		Mucky Mine				w Dark Surface (TF12)			
Stratified Layers (A	,		Gleyed Mat				ain in Remarks)			
2 cm Muck (A10)		Deplete	d Matrix (F	3)						
Depleted Below Da		_	Dark Surfac	. ,		3				
Thick Dark Surface	. ,		d Dark Sur				ydrophytic vegetation and			
Sandy Mucky Mine 5 cm Mucky Peat of		Redox	Depression	s (F8)			drology must be present, urbed or problematic.			
Restrictive Layer (if o	, ,					unless dist	arbed of problematic.			
Depth (inches):						Hydric Soil Pres	sent? Yes No			
Remarks:		<del></del>								
HYDROLOGY										
Wetland Hydrology In	dicators:									
Primary Indicators (mir	imum of one is requi	red; check all that ap	oply)			Secondary In	dicators (minimum of two required)			
Surface Water (A1	)	Water-Sta	ined Leave	s (B9)		Surface	Soil Cracks (B6)			
High Water Table	(A2)	Aquatic Fa	auna (B13)			Drainage	Patterns (B10)			
Saturation (A3)		True Aqua	atic Plants (l	B14)		Dry-Season Water Table (C2)				
Water Marks (B1)		Hydrogen	Sulfide Odd	or (C1)		Crayfish	Burrows (C8)			
Sediment Deposits	s (B2)	Oxidized I	Rhizosphere	es on Livi	ng Roots	· / —	on Visible on Aerial Imagery (C9)			
Drift Deposits (B3)		Presence	of Reduced	l Iron (C4	-)	Stunted	or Stressed Plants (D1)			
Algal Mat or Crust	(B4)	Recent Iro			Soils (C	. —	ohic Position (D2)			
Iron Deposits (B5)		Thin Muck	•	,		FAC-Net	utral Test (D5)			
	on Aerial Imagery (B									
	d Concave Surface (	B8) Other (Ex	plain in Ren	narks)						
Field Observations:										
Surface Water Present		No Depth (in								
Water Table Present?		No Depth (in								
Saturation Present? (includes capillary fring	e)	No Depth (in					esent? Yes No			
Describe Recorded Da	ta (stream gauge, mo	onitoring well, aerial	pnotos, pre	vious ins	pections),	if available:				
Remarks:										
No hydrology	present									

Project/Site: AEP North Delphos - Rockhill Delinea	tion c	ity/County	Lima/All	en	Sampling Date: 2	2021-06-30			
Applicant/Owner: AEP				State: Ohio	Sampling Point:	2-B PEM			
Investigator(s): Tyler Russell	s	Section, To	wnship, Rai	<sub>nge:</sub> Section 13, 3S 6	iΕ				
				(concave, convex, none):	_				
Slope (%): 5 Lat: 40.78655		ong:84	.12477		Datum: WGS 84	4			
				NWI classific					
Are climatic / hydrologic conditions on the site typical for this									
Are Vegetation, Soil, or Hydrology si	ignificantly d	isturbed?	Are "	Normal Circumstances" p	oresent? Yes	No			
Are Vegetation, Soil, or Hydrology na				eded, explain any answe					
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.									
Hydrophytic Vegetation Present? Yes No									
Hydric Soil Present? Yes No			e Sampled						
Wetland Hydrology Present? Yes Vo	<u> </u>	with	in a Wetlar	nd? Yes	No				
Remarks:									
PEM wetland with open water and k	oare gro	ound.							
VEGETATION – Use scientific names of plants.									
7 0 1 30 ft r		Dominant		Dominance Test work	sheet:				
Tree Stratum (Plot size: 30 ft r )  1	% Cover			Number of Dominant Sp That Are OBL, FACW, o		(A)			
2				Total Number of Domin					
3				Species Across All Stra	ta: <u>3</u>	(B)			
4 5				Percent of Dominant Sp					
		Total Cov	/er	That Are OBL, FACW, o	or FAC: 100	(A/B)			
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index work					
1. Fraxinus pennsylvanica	5		FACW_	Total % Cover of:		<u>/ by:</u>			
2					x 1 = 2				
3				FACW species 29					
4				FAC species 2					
5				FACU species 0					
Herb Stratum (Plot size: 5 ft r )	<u>5%                                    </u>	Total Cov	er	UPL species 0 Column Totals: 33					
1. Lysimachia nummularia	15	✓	FACW	Column Totals: 33	(A) <u>66</u>	(B)			
2. Phalaris arundinacea	6	<b>✓</b>	FACW	Prevalence Index	= B/A = 2.00				
3. Agrimonia parviflora	3		FACW	Hydrophytic Vegetation	on Indicators:				
4. Scirpus atrovirens	2		OBL	✓ 1 - Rapid Test for H	Hydrophytic Vegeta	ation			
5. Toxicodendron radicans	2		FAC	✓ 2 - Dominance Tes					
6				✓ 3 - Prevalence Inde					
7				4 - Morphological A	Adaptations¹ (Provi				
8				Problematic Hydron		,			
9					on, no regetation	(=xpidiii)			
10	20%			<sup>1</sup> Indicators of hydric soil	l and wetland hydr	ology must			
Woody Vine Stratum (Plot size: 30 ft r		= Total Cov	er	be present, unless distu					
1				Hydrophytic					
2				Vegetation Present? Yes	s No				
Remarks: (Include photo numbers here or on a separate s		Total Cov	rer						
	•	· ·		و داداد امراه امراه	au a l				
Hydrophytic vegetation present. Ar	eas of (	open v	vatera	na muady bare	grouna.				

SOIL Sampling Point: 2-B PEM

Profile Desc	cription: (Describe	to the dep	th needed to docu	ment the	indicator	or confirm	n the absence of ir	ndicators.)			
Depth	Matrix			x Feature							
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>		Remarks			
0-2	10YR 3/2	_ <u>100</u>					Clay Loam				
2-20	10YR 4/2	80	10YR 4/4	20	<u>C</u>	<u>PL / M</u>	Clay Loam				
-											
_											
<u> </u>											
		pletion, RM:	=Reduced Matrix, M	S=Maske	d Sand Gr	ains.		=Pore Lining, M=Matrix.			
Hydric Soil								Problematic Hydric Soils <sup>3</sup> :			
Histosol				Gleyed Ma				ie Redox (A16)			
	pipedon (A2) istic (A3)			Redox (St d Matrix (			Dark Surfac	ce (57) inese Masses (F12)			
	en Sulfide (A4)				neral (F1)			ow Dark Surface (TF12)			
1	d Layers (A5)			Gleyed M				lain in Remarks)			
2 cm Mu	uck (A10)		Deplete	ed Matrix (	(F3)						
	d Below Dark Surfac	ce (A11)	_	Dark Surf	, ,		3				
I —	ark Surface (A12)				urface (F7	)		ydrophytic vegetation and			
	/lucky Mineral (S1) ucky Peat or Peat (S	:3)	Redox	Depression	ons (F8)			drology must be present, urbed or problematic.			
	Layer (if observed)						unless dist	arbed of problematic.			
l _								,			
" —	ches):						Hydric Soil Pres	sent? Yes No			
Remarks:											
Liveleie	: !										
Hyaric	soil present										
<b>HYDROLO</b>	GY										
Wetland Hy	drology Indicators	:									
Primary Indi	cators (minimum of	one is requi	red; check all that ap	oply)			Secondary In	dicators (minimum of two required)			
Surface	Water (A1)		Water-Sta	ined Leav	/es (B9)		Surface Soil Cracks (B6)				
High Wa	ater Table (A2)		Aquatic Fa	auna (B13	3)		✓ Drainage Patterns (B10)				
✓ Saturati	on (A3)		True Aqua	atic Plants	(B14)		Dry-Season Water Table (C2)				
Water M	larks (B1)		Hydrogen		, ,			Burrows (C8)			
Sedime	nt Deposits (B2)		Oxidized I	Rhizosphe	eres on Liv	ing Roots	(C3) Saturation	on Visible on Aerial Imagery (C9)			
I —	posits (B3)		Presence		•	,		or Stressed Plants (D1)			
1 —	at or Crust (B4)		Recent Iro			d Soils (C	. —	ohic Position (D2)			
ı —	posits (B5)		Thin Muck		` '		✓ FAC-Net	utral Test (D5)			
	on Visible on Aerial										
Field Obser	y Vegetated Concav	e Surface (	B8) Other (Ex	piain in Re	emarks)						
Surface Wat		V-00	No Depth (in	abas):							
			No Depth (in								
Water Table			No Depth (in				and Hudralagu Bro	esent? Yes No			
Saturation P (includes car	pillary fringe)	res	No Depth (iii	icries). <u>G</u>		_   well	and Hydrology Pre	sent? Tes No			
		n gauge, mo	onitoring well, aerial	photos, p	revious ins	spections),	if available:				
Remarks:											
Wetland	hydrology	presen	t								
	,	,	-								
1											

Project/Site: AEP North Delphos - Rockhill Delinea	tion (	City/Co	ounty: _	Lima/All	en Sa	ampling Date: 2021-06-30
Applicant/Owner: AEP		State: Ohio Sa	ampling Point: 2-C PEM			
Investigator(s): Tyler Russell		Section	n, Towi	nship, Rai	nge: Section 13, 3S 6E	
					(concave, convex, none): Co	oncave
Slope (%): 5 Lat: 40.77526	ι	Long: _	-84.1	12578	Da	atum: WGS 84
Soil Map Unit Name: Blg1A1					NWI classification	on: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Ye	es <b>/</b>	No _	(If no, explain in Rem	arks.)
Are Vegetation, Soil, or Hydrology si	ignificantly o	disturb	ed?	Are "	Normal Circumstances" pres	sent? Yes No
Are Vegetation, Soil, or Hydrology n	aturally prol	blemat	tic?	(If ne	eded, explain any answers in	n Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing	samı	pling	point le	ocations, transects, ir	mportant features, etc.
Hydrophytic Vegetation Present? Yes No	o					
	o			Sampled		
Wetland Hydrology Present? Yes V	<u> </u>		within	a Wetlar	nd? Yes	_ No
Remarks:						
<b>VEGETATION</b> – Use scientific names of plants.						
	Absolute	Domi	inant li	ndicator	Dominance Test workshe	eet:
Tree Stratum (Plot size:30 ft r)	% Cover				Number of Dominant Spec	cies
1					That Are OBL, FACW, or F	FAC: 3 (A)
2					Total Number of Dominant	•
3					Species Across All Strata:	<u>3</u> (B)
5					Percent of Dominant Speci That Are OBL, FACW, or F	
15 ft r	:	= Tota	al Cove	r		(12)
Sapling/Shrub Stratum (Plot size: 15 ft r )					Prevalence Index worksh Total % Cover of:	
1						x 1 = 10
3						x 2 = 170
4						x 3 = 30
5						x 4 = 0
			al Cove	r	UPL species 0	
Herb Stratum (Plot size: 5 ft r )	25	/	, [	ACW	Column Totals: 105	(A) <u>210</u> (B)
1. Carex cristatella 2. Agrimonia parviflora	20			ACW	Prevalence Index = I	B/A = 2.00
3. Lysimachia nummularia	20			ACW	Hydrophytic Vegetation I	
4. Carex vulpinoidea	15			ACW	✓ 1 - Rapid Test for Hyd	
5. Scirpus atrovirens	10			OBL	2 - Dominance Test is	
6. Toxicodendron radicans	10			AC	3 - Prevalence Index is	s ≤3.0 <sup>1</sup>
7. Phalaris arundinacea	5		<u>F</u>	ACW		ptations <sup>1</sup> (Provide supporting
8						on a separate sheet)
9					Problematic Hydrophy	tic Vegetation (Explain)
10					Indicators of hydric soil an	nd wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r	105%	= Tota	al Cove	r	be present, unless disturbe	
1					Hydrophytic	
2.					Vegetation	<b>/</b>
		= Tota	al Cove	r	Present? Yes _	No
Remarks: (Include photo numbers here or on a separate s	sheet.)					
Hydrophytic vegetation present						

SOIL Sampling Point: 2-C PEM

Profile Desc	cription: (Describe	to the dept	th needed to docu	ment the	indicator	or confirm	n the absence of indic	cators.)		
Depth	Matrix		Redo	x Feature	es					
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup> _	_Loc <sup>2</sup>	Texture	Remarks		
0-2	10YR 3/2	100					Clay Loam			
2 - 15	10YR 4/2	85	10YR 4/4	<u> 15 </u>	<u> </u>	<u>PL / M</u>	Clay Loam			
15 - 20	10YR 4/2	80	7.5YR 4/6	20	С	М	Clay Loam			
_										
<u> </u>										
<u> </u>										
	oncentration, D=Dep	letion, RM=	Reduced Matrix, M	S=Maske	d Sand Gr	ains.		ore Lining, M=Matrix.		
Hydric Soil								blematic Hydric Soils <sup>3</sup> :		
Histosol					atrix (S4)		Coast Prairie F	• •		
I —	pipedon (A2) istic (A3)			Redox (S: d Matrix (			Dark Surface (	se Masses (F12)		
	en Sulfide (A4)				ineral (F1)			Dark Surface (TF12)		
1	d Layers (A5)				latrix (F2)		Other (Explain			
I —	uck (A10)			ed Matrix						
	d Below Dark Surfac	e (A11)	_	Dark Surf	. ,		3			
I —	ark Surface (A12)				urface (F7)	)		ophytic vegetation and		
	/lucky Mineral (S1) ucky Peat or Peat (S	3)	Redox	Depression	ons (Fo)			ogy must be present, ed or problematic.		
	Layer (if observed)	-						THE OF PROPERTY OF THE PROPERT		
Type:								./		
Depth (in	ches):						Hydric Soil Presen	t? Yes No		
Remarks:										
Llydria	coil procept									
Hydric	soil present									
HYDROLO	GY									
Wetland Hy	drology Indicators:									
Primary Indi	cators (minimum of c	one is requir	ed; check all that ap	oply)			Secondary Indic	ators (minimum of two required)		
Surface	Water (A1)		Water-Sta	ined Leav	ves (B9)		Surface Soi	l Cracks (B6)		
High Wa	ater Table (A2)		Aquatic Fa	auna (B13	3)		✓ Drainage Patterns (B10)			
✓ Saturati	on (A3)		True Aqua	atic Plants	s (B14)		Dry-Season Water Table (C2)			
1 —	larks (B1)		Hydrogen				Crayfish Bu	* *		
1 —	nt Deposits (B2)		Oxidized I			_		/isible on Aerial Imagery (C9)		
1 —	posits (B3)				ed Iron (C	,		Stressed Plants (D1)		
1 —	at or Crust (B4)		Recent Iro			d Soils (C		. ,		
ı —	oosits (B5) on Visible on Aerial	Imagany (P7	Thin Muck 7) Gauge or		, ,		✓ FAC-Neutra	rest (D5)		
	y Vegetated Concav									
Field Obser		c ouridoc (E	<u> </u>	piaiii iii i	emanto,					
Surface Wat		es l	No Depth (in	ches):						
Water Table			No Depth (in							
Saturation P			No Depth (in				and Hydrology Prese	nt? Yes No		
(includes ca	pillary fringe)						,			
Describe Re	corded Data (stream	n gauge, mo	nitoring well, aerial	photos, p	revious ins	spections),	if available:			
Remarks:										
Wetland	l hydrology <sub>l</sub>	present	t							

Project/Site: AEP North Delphos - Rockhill Delineation		-			Sampling Date: 2021-06-30
Applicant/Owner: AEP					Sampling Point: 2-C UPL
Investigator(s): Tyler Russell	Section, To	tion, Township, Range: Section 13, 3S 6E			
Landform (hillslope, terrace, etc.): Upland			Local relief	(concave, convex, none):	Concave
Slope (%): 2 Lat: 40.77517	L	ong: <u>-</u> 84	1.11239		Datum: WGS 84
Soil Map Unit Name: Blg1A1				NWI classific	ation:
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					
Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)					
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 Sample			•
Wetland Hydrology Present? Yes No	·	with	nin a Wetlar	nd? Yes	No
Remarks:					
Upland sample associated with wetland 2-C PEM					
VEGETATION – Use scientific names of plants.					
7 0 1 20 ft r	Absolute		Indicator	Dominance Test works	sheet:
	% Cover		Status	Number of Dominant Sp That Are OBL, FACW, of	
1 2			FACU		
3.				Total Number of Domina Species Across All Strat	•
4.					``
5				Percent of Dominant Sp That Are OBL, FACW, of	
Sapling/Shrub Stratum (Plot size: 15 ft r ) = Total Cover   Prevalence Index worksheet:					
1				Total % Cover of:	
2.				OBL species 0	x 1 = <u>0</u>
3					x 2 = <u>0</u>
4					x = 90
5					$x = 4 = \frac{280}{0}$
Herb Stratum (Plot size: 5 ft r		= Total Co	ver	UPL species 0 Column Totals: 100	$\times 5 = \frac{0}{370}$ (B)
1 Trifolium pratense	30				
2. Glechoma hederacea	25		FACU	Prevalence Index	= B/A = <u>3.70</u>
3. Poa pratensis	20		FAC	Hydrophytic Vegetatio	
4. Dactylis glomerata	15		FACU	1 - Rapid Test for H 2 - Dominance Tes	
5. Plantago major			FAC	3 - Prevalence Inde	
6					Adaptations <sup>1</sup> (Provide supporting
7 8				data in Remarks	s or on a separate sheet)
9.				Problematic Hydrop	ohytic Vegetation <sup>1</sup> (Explain)
10				1	
Woody Vine Stratum (Plot size: 30 ft r )	let size: 30 ft r		ver	be present, unless distu	l and wetland hydrology must irbed or problematic.
1				Liveranhutia	
2.				Hydrophytic Vegetation	
		= Total Cover		Present? Yes	s No
Remarks: (Include photo numbers here or on a separate sheet.)					
No Hydrophytic vegetation present	•				

SOIL Sampling Point: 2-C UPL

Profile Desc	cription: (Describe	to the dept	h needed to docu	ment the i	indicator	or confir	n the absence of ir	ndicators.)			
Depth	Matrix			ox Feature		1 2	Toutous	Demode			
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks			
0 - 20	10YR 4/3	_ <u>100</u>					Loamy Sand				
<u> </u>											
-											
-											
<del>-</del>											
	oncentration, D=Dep	oletion, RM=	Reduced Matrix, M	S=Masked	d Sand Gra	ains.		=Pore Lining, M=Matrix.			
Hydric Soil	Indicators:						Indicators for I	Problematic Hydric Soils <sup>3</sup> :			
Histosol	, ,			Gleyed Ma				ie Redox (A16)			
	pipedon (A2)			Redox (S5	-		Dark Surface				
	istic (A3)			d Matrix (S				nese Masses (F12)			
_ , 。	en Sulfide (A4)			Mucky Mir				ow Dark Surface (TF12)			
_	d Layers (A5) uck (A10)			Gleyed Maded Matrix (			Other (Exp	lain in Remarks)			
_	d Below Dark Surfac	e (A11)		Dark Surfa	,						
	ark Surface (A12)	, , , , ,	_	ed Dark Su			3Indicators of h	ydrophytic vegetation and			
_	Mucky Mineral (S1)			Depressio				drology must be present,			
5 cm Mu	ucky Peat or Peat (S	3)					unless dist	urbed or problematic.			
Restrictive	Layer (if observed)	:									
Туре:							Unidate Call Day				
Depth (in	ches):						Hydric Soil Pres	sent? Yes No			
Remarks:											
-	ric soil prese										
HYDROLO	GY										
Wetland Hy	drology Indicators:	:									
Primary Indi	cators (minimum of o	one is require	ed; check all that a	pply)			Secondary In	dicators (minimum of two required)			
Surface	Water (A1)		Water-Sta	ained Leav	es (B9)		Surface	Soil Cracks (B6)			
High Wa	ater Table (A2)		Aquatic F	auna (B13	)		Drainage Patterns (B10)				
Saturati	on (A3)		True Aqu	atic Plants	(B14)		Dry-Season Water Table (C2)				
Water M	larks (B1)		Hydrogen	Sulfide O	dor (C1)		Crayfish Burrows (C8)				
Sedime	nt Deposits (B2)		Oxidized	Rhizosphe	res on Liv	ing Roots	(C3) Saturation	on Visible on Aerial Imagery (C9)			
Drift De	posits (B3)		Presence	of Reduce	ed Iron (C4	1)	Stunted	or Stressed Plants (D1)			
Algal Ma	at or Crust (B4)		Recent Ire	on Reducti	on in Tille	d Soils (C	6) Geomor	ohic Position (D2)			
Iron Dep	posits (B5)		Thin Muc	k Surface (	(C7)		FAC-Net	utral Test (D5)			
Inundati	on Visible on Aerial	Imagery (B7	) Gauge or	Well Data	(D9)						
Sparsel	y Vegetated Concav	e Surface (B	88) Other (Ex	plain in Re	emarks)						
Field Obser											
Surface Wat	er Present?	/es N	lo Depth (ir	nches):		_					
Water Table	Present?	/es N	lo Depth (ir	nches):		_					
	pillary fringe)		lo Depth (ir				Wetland Hydrology Present? Yes No				
Describe Re	corded Data (stream	n gauge, mo	nitoring well, aerial	pnotos, pr	evious ins	pections)	if available:				
Remarks:											
No bydr	ology proce	nt									
i vo riyur	ology prese	110									

Project/Site: AEP North Delphos - Rockhill Delinea	tion c	City/County	: Lima/All		<u>1-06-30</u>
Applicant/Owner: AEP				State: Ohio Sampling Point: 2-D	
Investigator(s): E. Wilson, J. Holmes	8	Section, To	wnship, Rar	nge: S019, T003, R007	
Landform (hillslope, terrace, etc.): Depression			Local relief	(concave, convex, none): None	
Slope (%): 0 Lat: 40.7654773	ı	ong:84	.102298	Datum: WGS 84	
Soil Map Unit Name: BsA				NWI classification: None	
Are climatic / hydrologic conditions on the site typical for this					
Are Vegetation, Soil, or Hydrology signature.	gnificantly o	listurbed?	Are "	Normal Circumstances" present? Yes	No
Are Vegetation, Soil, or Hydrology na				eded, explain any answers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map s				ocations, transects, important featur	res, etc.
Hydrophytic Vegetation Present? Yes No	·				
Hydric Soil Present? Yes No			e Sampled		
Wetland Hydrology Present? Yes ✓ No	<u> </u>	with	in a Wetlan	d? Yes No	
Remarks:					
Large PEM wetland within low depre	ession.				
<b>VEGETATION</b> – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r	Absolute	Dominant		Dominance Test worksheet:	
1	% Cover			Number of Dominant Species 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/D)
	:		/er	That Are OBL, FACW, or FAC: 100	(A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index worksheet:	
1				Total % Cover of: Multiply by:	-
2				OBL species $\frac{90}{5}$ $x 1 = \frac{90}{10}$ FACW species $\frac{5}{2}$ $x 2 = \frac{10}{2}$	-
3				FAC species 0	_
4 5				FACU species $0 \times 4 = 0$	
	:		/er	UPL species 5 x 5 = 25	
Herb Stratum (Plot size: 5 ft r )					(B)
1. Scirpus pendulus 2. Scirpus atrovirens	35 30		OBL	Prevalence Index = B/A = 1.3	
2. Scirpus atrovirens 3. Carex frankii	15		OBL OBL	Hydrophytic Vegetation Indicators:	
4. Carex lurida	10		OBL	✓ 1 - Rapid Test for Hydrophytic Vegetation	
5. Carex vulpinoidea	5		FACW	✓ 2 - Dominance Test is >50%	
6. Dipsacus laciniatus	5		UPL	✓ 3 - Prevalence Index is ≤3.0 <sup>1</sup>	
7				4 - Morphological Adaptations <sup>1</sup> (Provide s	
8.				data in Remarks or on a separate shee	' I
9				Problematic Hydrophytic Vegetation <sup>1</sup> (Exp	olain)
10				<sup>1</sup> Indicators of hydric soil and wetland hydrolog	v must
Woody Vine Stratum (Plot size: 30 ft r )	100%	= Total Cov	/er	be present, unless disturbed or problematic.	y must
1				Hydrophytic	
2				Vegetation Present? Yes No	.
Remarks: (Include photo numbers here or on a separate si		= Total Cov	/er		
Hydrophytic vegetation is present.					

SOIL Sampling Point: 2-D

Profile Desc	cription: (Describ	e to the dept				or confir	m the absence of ir	ndicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	ox Feature		Loc <sup>2</sup>	Toytura	Domarka			
(inches)				_ <u>%</u>	Type <sup>1</sup>		Texture	Remarks			
0 - 20	10YR 4/2	_ <u>95</u> .	10YR 5/6	_ 5	<u> </u>	<u> M</u>	Clay Loam				
<del>-</del>											
-											
-											
<u> </u>							· — —				
	oncentration, D=De	pletion, RM=	Reduced Matrix, N	IS=Maske	d Sand Gr	ains.		=Pore Lining, M=Matrix.			
Hydric Soil	Indicators:						Indicators for I	Problematic Hydric Soils <sup>3</sup> :			
Histosol				Gleyed M				ie Redox (A16)			
	pipedon (A2)			Redox (S			Dark Surface				
	istic (A3) en Sulfide (A4)			ed Matrix (	S6) ineral (F1)			nese Masses (F12)			
_ , 。	d Layers (A5)			-	latrix (F1)			ow Dark Surface (TF12) lain in Remarks)			
_	uck (A10)			ed Matrix			Office (EXP	all il Remarks)			
_	d Below Dark Surfa	ce (A11)		Dark Surf							
Thick Da	ark Surface (A12)		Deplet	ed Dark S	urface (F7	)	<sup>3</sup> Indicators of h	ydrophytic vegetation and			
	Mucky Mineral (S1)		Redox	Depression	ons (F8)			drology must be present,			
	ucky Peat or Peat (						unless dist	urbed or problematic.			
	Layer (if observed	):									
Type: <u>N</u>			_				Hydric Soil Pres	sent? Yes No			
Depth (in	ches):		_				11,411.0 00 1 10.				
HYDROLO	GY										
Wetland Hy	drology Indicators	s:									
Primary Indi	cators (minimum of	one is require	ed; check all that a	pply)			Secondary In	dicators (minimum of two required)			
Surface	Water (A1)		Water-Sta	ained Lea	ves (B9)		_	Soil Cracks (B6)			
High Wa	ater Table (A2)		Aquatic F	auna (B13	3)		Drainage Patterns (B10)				
Saturati	, ,			atic Plants	` '		Dry-Season Water Table (C2)				
_	larks (B1)		Hydroger					Burrows (C8)			
	nt Deposits (B2)		✓ Oxidized			-	—	on Visible on Aerial Imagery (C9)			
	posits (B3)				ed Iron (C	•	<del></del>	or Stressed Plants (D1)			
	at or Crust (B4)		Recent In			ed Solls (C	· —	ohic Position (D2)			
	oosits (B5) on Visible on Aeria	I Imagany (P7	Thin Muc ) Gauge or		, ,		V FAC-Nei	utral Test (D5)			
	y Vegetated Conca				. ,						
Field Obser	· -	ve ourrace (L	Other (EX	piaiii iii iX	emarks)						
Surface Wat		Vac N	lo Depth (ir	oches).							
Water Table			lo Depth (ii								
Saturation P			lo Depth (ii				land Hydrology Pre	esent? Yes No			
(includes ca	pillary fringe)										
Describe Re	corded Data (strea	m gauge, mo	nitoring well, aerial	pnotos, p	revious in	spections)	, if available:				
Remarks:											
Hydrolo	gy is presei	nt.									
_	•										

Project/Site: AEP North Delphos - Rockhill		City/County:	Lima / A	Ilen Sampling Date: 2021-06-30
Applicant/Owner: AEP				State: Ohio Sampling Point: 2-D/1-AG UI
Investigator(s): J. Holmes E. Wilson		Section, To	wnship, Rar	S019 T003 R007
Landform (hillslope, terrace, etc.): Upland, Flat		ι	ocal relief (	(concave, convex, none): None
Slope (%): 1 Lat: 40.765820		Long: -84.	102389	Datum: WGS 84
Soil Map Unit Name:BsA				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 "l	Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology	naturally pr	oblematic?	(If ne	eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site	map showing	g sampling	g point lo	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No			
	No	.	e Sampled	_
	No	with	n a Wetlan	d? Yes No
Remarks:				
Representative of Areas outsid  VEGETATION – Use scientific names of p		. area pr	evious	ly disturbed by construction
	Absolute			Dominance Test worksheet:
Tree Stratum (Plot size: 30 ft r ) 1.		Species?		Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2				Total Number of Dominant Species Across All Strata: 2 (B)
4.				(=,
5				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r	, —	_ = Total Cov	er	Prevalence Index worksheet:
1				Total % Cover of: Multiply by:
2.				OBL species 0 x 1 = 0
3.				FACW species $0 \times 2 = 0$
4.				FAC species $0 \times 3 = 0$
5.				FACU species 60 x 4 = 240
		_ = Total Cov	er	UPL species <u>40</u> x 5 = <u>200</u>
Herb Stratum (Plot size: 5 ft r )  1. Dipsacus Iaciniatus	40	/	UPL	Column Totals: 100 (A) 440 (B)
2. Bromus inermis	$\frac{40}{30}$	- <del></del>	FACU	Prevalence Index = B/A = 4.4
3. Erigeron annuus	<u>55</u> 15		FACU	Hydrophytic Vegetation Indicators:
4. Lolium perenne	<u>15</u>		FACU	1 - Rapid Test for Hydrophytic Vegetation
5				2 - Dominance Test is >50%
6				3 - Prevalence Index is ≤3.0¹
7.				4 - Morphological Adaptations <sup>1</sup> (Provide supporting
8.				data in Remarks or on a separate sheet)
9.				Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
10				The Product of Books and Control to the design of the state of the sta
Woody Vine Stratum (Plot size: 30 ft r	100%	_ = Total Cov	er	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1				Hydrophytic
2				Vegetation Present? Yes No
		_ = Total Cov	er	165NO
Remarks: (Include photo numbers here or on a seg  A preponderance of hydrophyt	•	ion is no	t prese	ent

Sampling Point: 2-D/1-AG UPL

Profile Desc	cription: (Describe	to the depti	needed to docur	nent the i	indicator	or confirn	n the absence o	f indicators.)			
Depth	Matrix		Redo	x Feature	s						
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks			
0-20	10YR 4/3	100					Sandy Clay Loam				
<u> </u>											
					· ——						
l											
-											
<del></del>											
<u> </u>											
_											
1Tune: C=C	anaantration D=Da	olotion DM=	Paduaad Matrix MS	-Maakas	d Cand Cr		2l continu	PL=Pore Lining, M=Matrix.			
Hydric Soil	oncentration, D=De	pielion, Rivi-i	Reduced Matrix, Mis	-wasked	a Sand Gr	airis.		or Problematic Hydric Soils <sup>3</sup> :			
'								•			
Histosol	` '			Sleyed Ma				rairie Redox (A16)			
	pipedon (A2)			Redox (S5			_	rface (S7)			
	istic (A3)			Matrix (S				nganese Masses (F12)			
	en Sulfide (A4)				neral (F1)			allow Dark Surface (TF12)			
	d Layers (A5)			-	atrix (F2)		Other (E	explain in Remarks)			
	uck (A10)	οο (Λ11)		d Matrix (	,						
	d Below Dark Surfac ark Surface (A12)	æ (ATT)	_	Oark Surfa	ace (F6) urface (F7)		3Indiantars	of hydrophytic vegetation and			
						1					
	Mucky Mineral (S1) ucky Peat or Peat (S	22	Redox I	Depressio	ns (Fo)			hydrology must be present,			
							uniess d	listurbed or problematic.			
_	Layer (if observed)	1.									
Type:							Hydric Soil P	Present? Yes No			
Depth (in	ches):		_				Tiyane con r	1636Ht. 163 NO			
Remarks:							•				
THE SOI	I profile doe	5 1101 1110	set the chie	110 10	і апу і	iyunc	Son maica	itors			
HYDROLO	GY										
Wetland Hy	drology Indicators	:									
1	cators (minimum of		ed: check all that an	nlv)			Secondary	y Indicators (minimum of two required)			
	Water (A1)		Water-Sta		ee (RQ)						
I —	, ,				, ,		Surface Soil Cracks (B6)				
	ater Table (A2)		Aquatic Fa				Drainage Patterns (B10)				
Saturati	, ,		True Aqua		, ,		Dry-Season Water Table (C2)				
	Marks (B1)		Hydrogen					ish Burrows (C8)			
	nt Deposits (B2)		Oxidized F			_		ation Visible on Aerial Imagery (C9)			
I —	posits (B3)		Presence		•	,		ed or Stressed Plants (D1)			
1 —	at or Crust (B4)		Recent Iro			d Soils (Ce	_	norphic Position (D2)			
Iron Dep	posits (B5)		Thin Muck	Surface (	(C7)		FAC-	Neutral Test (D5)			
Inundati	ion Visible on Aerial	Imagery (B7)	Gauge or '	Well Data	(D9)						
Sparsely	y Vegetated Concav	e Surface (B	8) Other (Exp	lain in Re	emarks)						
Field Obser											
Surface Wat	ter Present?	res N	o Depth (in	ches):		_					
Water Table	Present?	res N	o Depth (in	ches):							
Saturation P			o Depth (in				and Hydrology	Present? Yes No			
(includes ca	pillary fringe)							Tresent: Tes No			
	corded Data (stream y and or second							ampling			
Remarks:	,	,	,		P						

Project/Site: AEP North Delphos - Rockhill Delinea	tion c	ity/Count	<sub>y:</sub> <u>Lima/All</u>	<u>en</u>	Sampling Date: 2021-06-30
Applicant/Owner: AEP					Sampling Point: 2-E
Investigator(s): E. Wilson, J. Holmes	s	Section, T	ownship, Rar	<sub>nge:</sub> S019, T0	03, R007
Landform (hillslope, terrace, etc.): Depression			Local relief (	(concave, convex, none):	Concave
Slope (%): 0 Lat: 40.7683624	L	.ong: <u>-8</u>	4.1054541		Datum: WGS 84
Soil Map Unit Name: GuB				NWI classifica	ation: None
Are climatic / hydrologic conditions on the site typical for this					
Are Vegetation, Soil, or Hydrology si	gnificantly d	listurbed?	Are "	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	lematic?	(If ne	eded, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	showing	samplii	ng point lo	ocations, transects,	, important features, etc.
Hydrophytic Vegetation Present? Yes No	·				
Hydric Soil Present? Yes No			he Sampled		
Wetland Hydrology Present? Yes   ✓ No	·	wit	hin a Wetlan	d? Yes	No
Remarks:		0111			
Large PEM wetland within depression	on in Ru	JW.			
<b>VEGETATION</b> – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r )			nt Indicator	Dominance Test works	
1	% Cover			Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	4
3				Species Across All Strat	ta: <u>1</u> (B)
4.       5.				Percent of Dominant Sp That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size: 15 ft r )	=	= Total Co	over	Prevalence Index work	ksheet:
1				Total % Cover of:	
2					x 1 = <u>85</u>
3					x 2 = <u>30</u>
4					x 3 = 0
5					x 4 = 0
Herb Stratum (Plot size: 5 ft r )	=	= Total Co	over		x = 0 (A) 115 (B)
1. Typha angustifolia	80	✓	OBL	Column Totals: 100	(7)
2. Phalaris arundinacea	15		FACW	Prevalence Index	= B/A = 1.2
3. Leersia oryzoides	5		OBL	Hydrophytic Vegetatio	
4				1 - Rapid Test for H	
5				2 - Dominance Test	
6				✓ 3 - Prevalence Inde	
7				data in Remarks	daptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8				Problematic Hydrop	ohytic Vegetation¹ (Explain)
9					
Woody Vine Stratum (Plot size: 30 ft r	100%	= Total Co	over	<sup>1</sup> Indicators of hydric soil be present, unless distu	l and wetland hydrology must irbed or problematic.
1				Hydrophytic	
2				Vegetation	s No
Boundary (Included the Included to Included the Included	=======================================	= Total Co	over	rieseitt fes	, NU
Remarks: (Include photo numbers here or on a separate s	neet.)				
Hydrophytic vegetation is present					

SOIL Sampling Point: 2-E

		ment the	maioatoi	or commi	n the absence of i	idicators.		
Depth <u>Matrix</u>		ox Feature			<del></del>			
(inches) Color (moist) %	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks		
0 - 20 10YR 3/1 90	10YR 3/6	_ <u>10</u>	_ <u>C</u>	<u>PL / M</u>	Silty Clay Loam			
-								
<u> </u>			- ——					
<u> </u>								
<u>-</u>								
<sup>1</sup> Type: C=Concentration, D=Depletion, RM:	=Reduced Matrix M	– ——— IS=Maske	d Sand Gi	ains	2l ocation: Pl	_=Pore Lining, M=Matrix.		
Hydric Soil Indicators:	Troduced matrix, ir	io maono	a cana ci	<u> </u>		Problematic Hydric Soils <sup>3</sup> :		
L Histosol (A1)	Sandy	Gleyed M	atrix (S4)		Coast Prai	rie Redox (A16)		
Histic Epipedon (A2)		Redox (S			Dark Surfa			
Black Histic (A3)	Strippe	d Matrix (	S6)		Iron-Mang	anese Masses (F12)		
Hydrogen Sulfide (A4)	Loamy	Mucky Mi	ineral (F1)		Very Shall	ow Dark Surface (TF12)		
Stratified Layers (A5)		Gleyed M			Other (Exp	lain in Remarks)		
2 cm Muck (A10)		ed Matrix						
Depleted Below Dark Surface (A11)		Dark Surf		`	3Indicators of I	undrankutia unantatian and		
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)		Depression	urface (F7	)		nydrophytic vegetation and drology must be present,		
5 cm Mucky Peat or Peat (S3)	\(\text{Nedox}\)	Depressio	) iis (i o)			urbed or problematic.		
Restrictive Layer (if observed):						arboa or problemate.		
Type: N/A						•		
Depth (inches):					Hydric Soil Pre	sent? Yes No		
Remarks:								
Hydric soils are present								
HYDROLOGY								
Wetland Hydrology Indicators:	red; check all that a	pply)			Secondary I	ndicators (minimum of two required)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi			ves (B9)					
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)	Water-Sta	ained Leav	` '		Surface	Soil Cracks (B6)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi	Water-Sta Aquatic F	ained Leav auna (B13	3)		Surface  V Drainag			
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)	Water-Sta Aquatic F True Aqu	ained Leav auna (B13 atic Plants	3) s (B14)		Surface Drainag Dry-Sea	Soil Cracks (B6) e Patterns (B10) son Water Table (C2)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)	Water-Str Aquatic F True Aqu Hydroger	ained Leav auna (B13 atic Plants s Sulfide C	B) s (B14) odor (C1)	ving Roots	<ul><li> Surface</li><li> Drainag</li><li> Dry-Sea</li><li> Crayfish</li></ul>	Soil Cracks (B6) e Patterns (B10)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	Water-Str Aquatic F True Aqu Hydroger	ained Leav auna (B13 atic Plants Sulfide C Rhizosphe	B) s (B14) odor (C1) eres on Liv		Surface  Drainag  Dry-Sea  Crayfish  (C3) Saturation	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	Water-State Aquatic Formula Aquatic Formula Aquatic Formula Aquatic	ained Leav auna (B13 atic Plants Sulfide C Rhizosphe of Reduc	B) s (B14) odor (C1) eres on Liv ed Iron (C	4)	Surface  Drainag  Dry-Sea  Crayfish  (C3)  Saturati  Stunted	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence	ained Leav auna (B13 atic Plants Sulfide C Rhizosphe of Reduct on Reduct	B) S (B14) Odor (C1) Peres on Lived Iron (C	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) V Saturati  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent In Thin Muc	ained Leavauna (B13 atic Plants Sulfide C Rhizosphe of Reduct on Reduct k Surface	B) s (B14) cdor (C1) eres on Lived Iron (C ction in Tille (C7)	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) V Saturati  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent In Thin Muc T) Gauge or	ained Leav auna (B13 atic Plants Sulfide C Rhizosphe of Reduct on Reduct k Surface Well Data	B) s (B14) cloor (C1) eres on Lived Iron (C clion in Tille (C7) a (D9)	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) V Saturati  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B'  Sparsely Vegetated Concave Surface (Field Observations:	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent In Thin Muc T) Gauge or B8) Other (Ex	ained Leav auna (B13 atic Plants Sulfide C Rhizosphe of Reduct on Reduct k Surface Well Data splain in R	B) s (B14) cloor (C1) eres on Lived Iron (C clion in Tille (C7) a (D9)	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) V Saturati  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B'  Sparsely Vegetated Concave Surface (Field Observations:	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent In Thin Muc T) Gauge or B8) Other (Ex	ained Leav auna (B13 atic Plants Sulfide C Rhizosphe of Reduct on Reduct k Surface Well Data splain in R	B) s (B14) cloor (C1) eres on Lived Iron (C clion in Tille (C7) a (D9)	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) V Saturati  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B)  Sparsely Vegetated Concave Surface (Indicated Concave Surfa	Water-Sta Aquatic F True Aqu Hydroger Oxidized Presence Recent In Thin Muc 7) Gauge or B8) Other (Ex	ained Leavaluna (B13) atic Plants Sulfide Con Reduction Reduction Reduction Well Data Eplain in Reduction	B) s (B14) cloor (C1) eres on Lived Iron (C clion in Tille (C7) a (D9)	4)	Surface  V Drainag  Dry-Sea  Crayfish  (C3) V Saturati  Stunted  Geomor	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B'  Sparsely Vegetated Concave Surface (Field Observations:  Surface Water Present?  Water Table Present?  Yes  Water Table Present?	Water-Sta  — Aquatic F  — True Aqu  — Hydroger  — Oxidized  — Presence  — Recent In  — Thin Muc  7) — Gauge or  B8) — Other (Ex  No Depth (in	ained Leavaluna (B13 atic Plants a Sulfide Con Reduction	B) s (B14) cloor (C1) eres on Lived Iron (C clion in Tille (C7) a (D9)	4) Ad Soils (C6	Surface  V Drainag  Dry-Sea  Crayfish  Saturati  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B'  Sparsely Vegetated Concave Surface (Field Observations:  Surface Water Present?  Water Table Present?  Yes  Saturation Present?  Yes  (includes capillary fringe)	Water-Sta  — Aquatic F — True Aqu — Hydroger — Oxidized — Presence — Recent In — Thin Muc 7) — Gauge or B8) — Other (Ex No Depth (in No Depth (in	ained Leavaluna (B13 atic Plants Sulfide Con Reduction R	B) S (B14) Odor (C1) Peres on Lived Iron (C Cion in Tille (C7) A (D9) Emarks)	4) Ad Soils (Ce	Surface  V Drainag  Dry-Sea  Crayfish  Saturati  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requirum of one is	Water-Sta  — Aquatic F — True Aqu — Hydroger — Oxidized — Presence — Recent In — Thin Muc 7) — Gauge or B8) — Other (Ex No Depth (in No Depth (in	ained Leavaluna (B13 atic Plants Sulfide Con Reduction R	B) S (B14) Odor (C1) Peres on Lived Iron (C Cion in Tille (C7) A (D9) Emarks)	4) Ad Soils (Ce	Surface  V Drainag  Dry-Sea  Crayfish  Saturati  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B  Sparsely Vegetated Concave Surface (Concave	Water-Sta  — Aquatic F — True Aqu — Hydroger — Oxidized — Presence — Recent In — Thin Muc 7) — Gauge or B8) — Other (Ex No Depth (in No Depth (in	ained Leavaluna (B13 atic Plants Sulfide Con Reduction R	B) S (B14) Odor (C1) Peres on Lived Iron (C Cion in Tille (C7) A (D9) Emarks)	4) Ad Soils (Ce	Surface  V Drainag  Dry-Sea  Crayfish  Saturati  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required one in the individual one is required one is required one in the individual one in the individual one is required one in the individual one in the individua	Water-Sta  — Aquatic F — True Aqu — Hydroger — Oxidized — Presence — Recent In — Thin Muc 7) — Gauge or B8) — Other (Ex No Depth (in No Depth (in No Depth (in onitoring well, aerial	ained Leavaluna (B13 atic Plants Sulfide Con Reduction R	B) S (B14) Odor (C1) Peres on Lived Iron (C Cion in Tille (C7) A (D9) Emarks)	4) Ad Soils (Ce	Surface  V Drainag  Dry-Sea  Crayfish  Saturati  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B  Sparsely Vegetated Concave Surface (Concave	Water-Sta  — Aquatic F — True Aqu — Hydroger — Oxidized — Presence — Recent In — Thin Muc 7) — Gauge or B8) — Other (Ex No Depth (in No Depth (in No Depth (in onitoring well, aerial	ained Leavaluna (B13 atic Plants Sulfide Con Reduction R	B) S (B14) Odor (C1) Peres on Lived Iron (C Cion in Tille (C7) A (D9) Emarks)	4) Ad Soils (Ce	Surface  V Drainag  Dry-Sea  Crayfish  Saturati  Stunted  Geomor  FAC-Ne	Soil Cracks (B6) e Patterns (B10) son Water Table (C2) Burrows (C8) on Visible on Aerial Imagery (C9) or Stressed Plants (D1) phic Position (D2) utral Test (D5)		

Project/Site: AEP North Delphos - Rockhill Deline	eation (				
Applicant/Owner: AEP					State: Ohio Sampling Point: 2-E/F UPL
Investigator(s): E. Wilson, J. Holmes	:				
					(concave, convex, none): None
Slope (%): 0 Lat: 40.769132		Long: _	-84.	.1059261	Datum: WGS 84
Soil Map Unit Name: GuB					NWI classification: None
Are climatic / hydrologic conditions on the site typical for the	his time of yea	ar? Ye	s	No _	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	significantly	disturb	ed?	Are "	Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology	naturally pro	blemat	tic?	(If ne	eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing	samı	plin	g point lo	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No				
Hydric Soil Present? Yes	No			e Sampled	_
Wetland Hydrology Present? Yes	No		with	in a Wetlan	nd? Yes No
Remarks:					
Upland sample point for wetlands	2-E and	2-F	•		
VEGETATION – Use scientific names of plant	S.				
- 20 ft r	Absolute			Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30 ft r ) 1.	<u>% Cover</u>				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (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: 33 (A/B)
		= Tota	l Cov	er	
Sapling/Shrub Stratum (Plot size: 15 ft r )					Prevalence Index worksheet:  Total % Cover of: Multiply by:
1					
2					FACW species 0 x 2 = 0
3					FAC species 25 x 3 = 75
5					FACU species 75 x 4 = 300
		= Tota	l Cov	er	UPL species $0 \times 5 = 0$
Herb Stratum (Plot size: 5 ft r )	45		,	EACH	Column Totals: 100 (A) 375 (B)
1. Trifolium repens 2. Plantago lanceolata	$-\frac{45}{30}$		_	FACU FACU	Prevalence Index = B/A = 3.8
3. Poa pratensis	$-\frac{30}{25}$			FAC	Hydrophytic Vegetation Indicators:
4		<u> </u>			1 - Rapid Test for Hydrophytic Vegetation
5					2 - Dominance Test is >50%
6					3 - Prevalence Index is ≤3.0¹
7					4 - Morphological Adaptations <sup>1</sup> (Provide supporting
8					data in Remarks or on a separate sheet)
9.					Problematic Hydrophytic Vegetation¹ (Explain)
10					Indicators of hydric call and watland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	100%	= Tota	l Cov	er	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1					Hydrophytic
2					Vegetation Present? Yes No
Demantes (Include whate with the base of the second		= Tota	I Cov	er	165 110
Remarks: (Include photo numbers here or on a separate	,				
Upland sample point. No hydrophy	ytic vege	etati	ion	preser	nt.

Soll Sampling Point: 2-E/F UPL

Profile Description: (Des	scribe to the dept	h needed to docu	ment the i	ndicator	or confir	n the absence of in	ndicators.)			
	atrix		x Feature:		1 2	T 1	D to			
(inches) Color (mo		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks			
0 - 20 10YR 4/3	100		- ——			Silt Loam				
<u> </u>										
-										
<del></del>										
<sup>1</sup> Type: C=Concentration,	D=Depletion, RM=	Reduced Matrix, M	S=Masked	Sand Gra	ains.		=Pore Lining, M=Matrix.			
Hydric Soil Indicators:		0	011-14				Problematic Hydric Soils <sup>3</sup> :			
Histosol (A1) Histic Epipedon (A2)			Gleyed Ma Redox (S5			Coast Prair	ie Redox (A16)			
Black Histic (A3)			d Matrix (S				nese Masses (F12)			
Hydrogen Sulfide (A4)	)		Mucky Mir				w Dark Surface (TF12)			
Stratified Layers (A5)			Gleyed Ma			Other (Expl	ain in Remarks)			
2 cm Muck (A10)			ed Matrix (I							
Depleted Below Dark		_	Dark Surfa	. ,		3				
Thick Dark Surface (A	,		ed Dark Su		)		ydrophytic vegetation and			
Sandy Mucky Mineral 5 cm Mucky Peat or P		Redox	Depressio	ns (Fo)			drology must be present, urbed or problematic.			
Restrictive Layer (if obse						diffess diste	arbed or problematic.			
Type: N/A	,						,			
Depth (inches):						Hydric Soil Pres	sent? Yes No			
Remarks:		<del>_</del>								
HYDROLOGY										
Wetland Hydrology India	ators:									
Primary Indicators (minimu	um of one is require	ed; check all that a	oply)			Secondary In	dicators (minimum of two required)			
Surface Water (A1)		Water-Sta	ined Leave	es (B9)		Surface S	Soil Cracks (B6)			
High Water Table (A2	)	Aquatic Fa	auna (B13)	)		Drainage	Patterns (B10)			
Saturation (A3)		True Aqua	atic Plants	(B14)		Dry-Season Water Table (C2)				
Water Marks (B1)		Hydrogen	Sulfide Od	dor (C1)		Crayfish	Burrows (C8)			
Sediment Deposits (B	2)	Oxidized I	Rhizosphe	res on Liv	ing Roots	(C3) Saturatio	on Visible on Aerial Imagery (C9)			
Drift Deposits (B3)		Presence		•	,		or Stressed Plants (D1)			
Algal Mat or Crust (B4	+)	Recent Iro			d Soils (C	<i>,</i> — .	phic Position (D2)			
Iron Deposits (B5)		Thin Muck				FAC-Neu	utral Test (D5)			
Inundation Visible on										
Sparsely Vegetated C	oncave Surface (E	88) Other (Ex	plain in Re	marks)						
Field Observations:		. / 5								
Surface Water Present?		lo Depth (in								
Water Table Present?										
Saturation Present? (includes capillary fringe)		lo Depth (in					esent? Yes No			
Describe Recorded Data (	stream gauge, mo	nitoring well, aerial	pnotos, pr	evious ins	pections)	, іт avallable:				
Remarks:										
Upland sample բ	oint. No hy	drology pre	esent.							
	,									
1										

Project/Site: AEP North Delphos - Rockhill	(	City/Cour	<sub>nty:</sub> <u>Lima</u> / 🗛	Allen <sub>State:</sub> Ohio	Sampling Date: 2021-06-30
Applicant/Owner: AEP				Sampling Point: 2-F	
Investigator(s): J. Holmes E. Wilson		Section,	Township, Rai	nge: S019 T0	03 R007
Landform (hillslope, terrace, etc.): Depression					
Slope (%): 1 Lat: 40.769101	ι	_ong: _ <b>-8</b>	4.105922		Datum: WGS 84
Soil Map Unit Name:GuB				NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	No _	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly o	disturbed	l? Are "	Normal Circumstances" p	present? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prol	olematic	? (If ne	eded, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing	sampl	ing point k	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No				_	
Hydric Soil Present? Yes No			the Sampled		No
Wetland Hydrology Present? Yes <u>✓</u> No Remarks:		w	ithin a Wetlan	id? fes	NO
Roadside depression .					
<b>VEGETATION</b> – Use scientific names of plants.					
00 tt	Absolute		ant Indicator s? Status	Dominance Test work	
1				Number of Dominant Sport That Are OBL, FACW, or	
2.				Total Number of Domin	
3				Species Across All Stra	^
4				Percent of Dominant Sp	
5				That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		rotare	50401	Prevalence Index wor	
1				Total % Cover of:	
2					$x = \frac{45}{110}$
3				l .	x 3 = 0
5					x 4 = 0
				· —	x 5 = 0
Herb Stratum (Plot size: 5 ft r )  1. Eleocharis obtusa	45	/	OBL	Column Totals: 100	(A) <u>155</u> (B)
2. Phalaris arundinacea	30		FACW	Prevalence Index	= B/A = 1.6
3. Persicaria pensylvanica	25		FACW	Hydrophytic Vegetation	
4				✓ 1 - Rapid Test for F	Hydrophytic Vegetation
5				2 - Dominance Tes	
6				✓ 3 - Prevalence Inde	
7				data in Remarks	Adaptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8				Problematic Hydro	phytic Vegetation¹ (Explain)
9					
Woody Vine Stratum (Plot size: 30 ft r )	100%	= Total C	Cover	<sup>1</sup> Indicators of hydric soi be present, unless distu	il and wetland hydrology must urbed or problematic.
1				Hydrophytic	
2.				Vegetation	- √ N-
		= Total 0	Cover	Present? Yes	s No
Remarks: (Include photo numbers here or on a separate si	-				
A preponderance of hydrophytic ve	getatio	on is <sub>l</sub>	present		

SOIL Sampling Point: 2-F

Profile Des	cription: (Describ	e to the de	pth needed to docu	ment the	indicator	or confir	m the absence of ir	ndicators.)			
Depth	Matrix			ox Feature							
(inches)	Color (moist)	%	Color (moist)	%	Type¹_	_Loc <sup>2</sup>	Texture	Remarks			
0-7	10YR 4/2	_ <u>100</u>					Silt Loam				
5-7	10YR 5/1	<u>85</u>	10YR 4/6	_ <u>15</u>	_ <u>C</u>	<u>M</u>	Silty Clay Loam				
-											
-											
_											
_											
1- 0.0							2,				
	Indicators:	pletion, Ri	M=Reduced Matrix, N	1S=Maske	d Sand Gr	ains.		.=Pore Lining, M=Matrix.  Problematic Hydric Soils <sup>3</sup> :			
Histoso			Sandy	Gleyed M	atriv (S4)			rie Redox (A16)			
I —	pipedon (A2)			Redox (S			Dark Surfa				
_	listic (A3)			ed Matrix (			_	anese Masses (F12)			
Hydrog	en Sulfide (A4)				ineral (F1)		Very Shallo	ow Dark Surface (TF12)			
ı —	d Layers (A5)			Gleyed N			Other (Exp	lain in Remarks)			
I —	uck (A10) ed Below Dark Surfa	00 (011)		ed Matrix							
I — ·	ed Below Dark Suria eark Surface (A12)	ice (ATT)		Dark Surf	urface (F7)	1	<sup>3</sup> Indicators of h	ydrophytic vegetation and			
1	Mucky Mineral (S1)			Depression		,		drology must be present,			
	ucky Peat or Peat (	S3)	_		, ,			urbed or problematic.			
Restrictive	Layer (if observed	):									
Туре:							Hydric Soil Pres	sent? Yes No			
Depth (ir	nches):						Hydric Soil Pres	sentr res No			
Remarks:							•				
The so	il profile me	ets the	criteria for h	naving	a dep	leted	matrix				
HYDROLO											
1	drology Indicators										
		one is requ	uired; check all that a					ndicators (minimum of two required)			
_	Water (A1)			ained Lea	` '		Surface Soil Cracks (B6)				
	ater Table (A2)			auna (B1			Drainage Patterns (B10) Dry-Season Water Table (C2)				
	ion (A3) ∕Iarks (B1)			atic Plants n Sulfide C	, ,		_ ′	Burrows (C8)			
	ent Deposits (B2)				eres on Liv	ina Roots		on Visible on Aerial Imagery (C9)			
ı —	posits (B3)		· <b>^</b>		ed Iron (C4			or Stressed Plants (D1)			
I —	at or Crust (B4)				tion in Tille			phic Position (D2)			
-	posits (B5)		Thin Muc			`	· —	utral Test (D5)			
Inundat	ion Visible on Aeria	I Imagery (	B7) Gauge or	Well Data	a (D9)						
Sparse	y Vegetated Conca	ve Surface	(B8) Other (Ex	oplain in R	emarks)						
Field Obse											
Surface Wa			No Depth (in								
Water Table			No Depth (ii					_			
	pillary fringe)		No Depth (ii					esent? Yes No			
Describe Re	scorded Data (Sifeal	iii gauge, fi	nonitoring well, aerial	priotos, p	revious ins	pecilons)	, ii avaliable.				
Remarks:											
	indicater:	of w.o.+	land budgala	<b>a.</b> ,	ro 6 - 6 - 6	ont c	t tha tima af	ing			
INIUITIPIE	indicators	oi weti	land hydrolo	gy we	ie pres	sent a	t the time of	sampling			
1											

Project/Site: AEP North Delphos - Rockhill Delineat	ion c	City/County:	Lima/ Al	len	Sampling Date: 2021-09-02
Applicant/Owner: AEP					. 0
Investigator(s): E. Wilson, C. Kwolek	8	Section, To	wnship, Rar	nge: S011 T003 R006	<u> </u>
Landform (hillslope, terrace, etc.): Depression					
Slope (%): 0 Lat: 40.790535	L	ong: <u>-84</u>	129338		Datum: WGS 84
Soil Map Unit Name: SrA				NWI classific	<sub>ation:</sub> None
Are climatic / hydrologic conditions on the site typical for this t	ime of yea	ır? Yes	No	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology sig	nificantly d	disturbed?	Are "	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology nat	turally prob	olematic?	(If ne	eded, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map si	howing	samplin	g point lo	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No			e Sampled		
Wetland Hydrology Present? Yes   ✓ No		with	in a Wetlan	id? Yes	No
Remarks:					
PEM wetland that is underneath pow	ver line	e towe	r in dep	pression in Ag fi	ield (soybeans).
VEGETATION – Use scientific names of plants.					
	Absolute	Dominant		Dominance Test work	sheet:
Tree Stratum (Plot size: 30 ft r )		Species?	Status	Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	_
3				Species Across All Stra	ta: <u>2</u> (B)
5				Percent of Dominant Sp That Are OBL, FACW, of	
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total Cov	er	Prevalence Index worl	ksheet:
1				Total % Cover of:	Multiply by:
2				OBL species 0	x 1 = <u>0</u>
3					x 2 = <u>140</u>
4					x 3 = <u>60</u>
5					x 4 = 40
Herb Stratum (Plot size: 5 ft r)		= Total Cov	er		x 5 = 0
	65	✓	FACW	Column Totals: 100	(A) <u>240</u> (B)
2. Ambrosia trifida	20	<u> </u>	FAC	Prevalence Index	= B/A = <u>2.4</u>
3. Solidago altissima	10		FACU	Hydrophytic Vegetation	
] ·	5		FACW_	1 - Rapid Test for H	
5				2 - Dominance Tes	
6				✓ 3 - Prevalence Inde	ex is ≤3.0° Adaptations¹ (Provide supporting
7					s or on a separate sheet)
8				Problematic Hydrop	ohytic Vegetation¹ (Explain)
10					
	100%	= Total Cov	er	<sup>1</sup> Indicators of hydric soil be present, unless distu	l and wetland hydrology must irbed or problematic.
1				Hydrophytic	
2				Vegetation Present? Yes	s No
Damarka, (Individe photo guestians because the		= Total Cov	er	160	
Remarks: (Include photo numbers here or on a separate sh	leet.)				
Hydrophytic vegetation is present.					

SOIL Sampling Point: 3-A

Profile Desc	cription: (Describe	to the dept	h needed to docu	ment the	indicator	or confirm	n the absence of	indicators.)			
Depth	Matrix			x Feature		1 - 2	<b>T</b>	D to			
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks			
0 - 20	10YR 4/2	_ <u>93</u>	10YR 4/6	- 7	- <u>C</u>	PL / M	Clay Loam				
<u> </u>											
<u> </u>											
-											
1							2				
Hydric Soil	oncentration, D=De	pletion, RM=I	Reduced Matrix, M	S=Maske	d Sand Gr	ains.		PL=Pore Lining, M=Matrix.  r Problematic Hydric Soils <sup>3</sup> :			
Histosol			Sandy	Gleved M	atriv (S4)			airie Redox (A16)			
Histosol (A1) Sandy Gleyed Matrix (S4) Histic Epipedon (A2) Sandy Redox (S5)							Dark Surf	• •			
	istic (A3)			d Matrix (			_	ganese Masses (F12)			
Hydroge	en Sulfide (A4)				neral (F1)		Very Sha	llow Dark Surface (TF12)			
I —	d Layers (A5)			Gleyed M			Other (Ex	rplain in Remarks)			
_	ick (A10)	oo (A11)		ed Matrix ( Dark Surfa							
	d Below Dark Surfa ark Surface (A12)	ce (ATT)	_		, ,	)	3Indicators of	hydrophytic vegetation and			
	Thick Dark Surface (A12)  Sandy Mucky Mineral (S1)  Depleted Dark Surface (F7)  Redox Depressions (F8)							ydrology must be present,			
I — ·	ıcky Peat or Peat (S	33)	_	·	. ,			sturbed or problematic.			
I	Layer (if observed)	):									
Type: N	one						Hydric Soil Pr	esent? Yes No			
Depth (in	ches):						Hydric Soil Pr	esentr res No			
Remarks:											
Hydrics	soils are pre	sent.									
HYDROLO	GY										
Wetland Hy	drology Indicators	:									
Primary India	cators (minimum of	one is require	ed; check all that a	oply)			Secondary	Indicators (minimum of two required)			
Surface	Water (A1)		Water-Sta	ined Leav	res (B9)		Surface	e Soil Cracks (B6)			
High Wa	ater Table (A2)		Aquatic Fa	auna (B13	3)		✓ Drainage Patterns (B10)				
Saturation	on (A3)		True Aqua	atic Plants	(B14)		Dry-Season Water Table (C2)				
	larks (B1)		Hydrogen		, ,			h Burrows (C8)			
ı —	nt Deposits (B2)		✓ Oxidized I			_		tion Visible on Aerial Imagery (C9)			
	posits (B3)		Presence		•	,		d or Stressed Plants (D1)			
-	at or Crust (B4) posits (B5)		Recent Iro			a Solis (Ci	_	orphic Position (D2) eutral Test (D5)			
ı —	on Visible on Aerial	Imagery (B7	Thin Muck ) Gauge or		. ,		V PAC-N	edital Test (D3)			
_	y Vegetated Concav		_ ~		. ,						
Field Obser		(=	<u> </u>								
Surface Wat	er Present?	Yes N	lo Depth (in	ches):							
Water Table			lo Depth (in								
Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No											
(includes car Describe Re	oillary fringe) corded Data (strear	n gauge, mor	nitoring well, aerial	photos, p	revious ins	spections),	if available:				
Remarks:											
Hydrolo	gy indicator	s are pr	esent.								

Project/Site: AEP North Delphos - Rockhill Delinea	ation c	ity/Cou	<sub>nty:</sub> <u>Lima/ Al</u>	llen	Sampling Date: 2021-09-02
Applicant/Owner: AEP				State: Ohio	Sampling Point: 3-A UPL
Investigator(s): E. Wilson, C. Kwolek	s	Section,	Township, Rar	nge: S011 T003 R006	<b>j</b>
				(concave, convex, none):	
Slope (%): 0 Lat: 40.790325	L	.ong: <u>-</u> 8	84.129423		Datum: WGS 84
Soil Map Unit Name: SrA				NWI classifica	ation: None
Are climatic / hydrologic conditions on the site typical for this	s time of yea	r? Yes	No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrologys	significantly d	listurbed	d? Are "	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology r	naturally prob	olematic	? (If ne	eded, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing	sampl	ling point lo	ocations, transects,	, important features, etc.
Hydrophytic Vegetation Present? Yes N	lo <b>✓</b>				
Hydric Soil Present? Yes N	lo		the Sampled		
Wetland Hydrology Present? Yes N	lo	w	ithin a Wetlan	ıd? Yes	No
Remarks:					
Upland sample point for PEM wetla	nd 3-A.				
VEGETATION – Use scientific names of plants.					
7. 0. 1. 20 ft r			ant Indicator	Dominance Test works	sheet:
Tree Stratum (Plot size:30 ft r)  1. Robinia pseudoacacia	<u>% Cover</u> .	Species	s? Status FACU	Number of Dominant Sp	
2				That Are OBL, FACW, o	)
3.				Total Number of Domina	4
4				Species Across All Strat	ta: <u>4</u> (B)
5				Percent of Dominant Sp That Are OBL, FACW, of	
		= Total 0	Cover		(+=-,
Sapling/Shrub Stratum (Plot size: 15 ft r )			FAOU	Prevalence Index work	
1. Juglans nigra	_ 5			Total % Cover of:	
2					x 1 = 0
3					x 2 = 20
4					x 3 = 60 x 4 = 240
5	- <del></del> =	T. (.) (		UPL species 0	$x = \frac{0}{0}$
Herb Stratum (Plot size: 5 ft r )	3/0=	= Total (	Jover	Column Totals: 90	(A) 320 (B)
1. Setaria pumila	20		FAC	Column Totals.	(A) (B)
2. Solidago canadensis	15		FACU_	Prevalence Index	= B/A = 3.6
3. Glycine max	_ 10			Hydrophytic Vegetatio	n Indicators:
4. Rosa multiflora	_ <u>10</u>		FACU_	1 - Rapid Test for H	lydrophytic Vegetation
5. Verbesina alternifolia	_ <u>10</u>		FACW_	2 - Dominance Test	
6				3 - Prevalence Inde	
7					daptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8					phytic Vegetation <sup>1</sup> (Explain)
9				_ , ,	
10	0=0/				and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	0376	= Total (	Jover	be present, unless distu	rbed or problematic.
1				Hydrophytic	
2				Vegetation	
	=	= Total 0	Cover	Present? Yes	s No
Remarks: (Include photo numbers here or on a separate	sheet.)				
No hydrophytic vegetation present	t.				

SOIL Sampling Point: 3-A UPL

Profile Descrip	ption: (Describe	to the depth				or confire	n the absence of	indicators.)			
Depth (inches)	Matrix Color (moist)	<del></del> _	Red	ox Feature %	SType <sup>1</sup> _	Loc <sup>2</sup>	Texture	Remarks			
	10YR 4/4	100	Color (Illoist)		_ type		Sandy Loam	Remarks			
	10 1 10 4/4						Sandy Loani				
-											
<del></del> -											
	centration, D=Dep	oletion, RM=F	Reduced Matrix, N	IS=Masked	Sand Gra	ains.		PL=Pore Lining, M=Matrix.			
Hydric Soil Inc								Problematic Hydric Soils <sup>3</sup> :			
Histosol (A	,			Gleyed Ma			Coast Prairie Redox (A16)				
Histic Epip	. ,			Redox (S5	-		Dark Surfa	ace (S7) ganese Masses (F12)			
Black Histic (A3) Stripped Matrix (S6) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1)								low Dark Surface (TF12)			
Stratified L	. ,			Gleyed Ma				plain in Remarks)			
2 cm Muck				ed Matrix (				plant in the indirect			
Depleted B	Selow Dark Surfac	e (A11)	Redox	Dark Surfa	ce (F6)						
Thick Dark	Surface (A12)		Deplet	ed Dark Su	ırface (F7)		<sup>3</sup> Indicators of	hydrophytic vegetation and			
Sandy Mucky Mineral (S1) Redox Depressions (F8)								ydrology must be present,			
	y Peat or Peat (S	•					unless dis	sturbed or problematic.			
	yer (if observed):	:									
Type: Non			_				Hydric Soil Pre	esent? Yes No			
Depth (inche	es):		_				11,4110 0011 111				
Remarks:											
No hydrid	c soils pres	ent.									
110 117 0111	, oono pi oo										
HADBOLOG	<b>v</b>										
HYDROLOG	t ology Indicators:										
1	ors (minimum of c		d: chook all that a	nnlu)			Sacandary	Indicators (minimum of two required)			
	•	nie is require		• • • • • • • • • • • • • • • • • • • •	aa (BO)						
Surface Water	r Table (A2)			ained Leav auna (B13	, ,			e Soil Cracks (B6)			
Saturation	, ,			atic Plants			Drainage Patterns (B10) Dry-Season Water Table (C2)				
Water Mar	, ,			Sulfide O	, ,			h Burrows (C8)			
—	Deposits (B2)			Rhizosphe	, ,	ina Roots		ion Visible on Aerial Imagery (C9)			
Drift Depos				of Reduce		-	—	d or Stressed Plants (D1)			
	or Crust (B4)			on Reducti				orphic Position (D2)			
Iron Depos	, ,			k Surface (			· —	eutral Test (D5)			
ı —	Visible on Aerial I	Imagery (B7)									
	egetated Concave										
Field Observa			<u> </u>								
Surface Water	Present? Y	es N	o Depth (ir	nches):							
Water Table Pr			Depth (in			- 1					
Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No V											
(includes capilla	ary fringe)							100 NO			
Describe Reco	rded Data (stream	gauge, mon	itoring well, aerial	photos, pr	evious ins	pections),	if available:				
Remarks:											
No hydrol	logy indica	tors pre	esent.								

Project/Site: 1730 AEP North Delphos - Rockhill Delir	neation_ Ci	ty/County:	Lima/Alle	en	Sampling Date: 2021-12-09
Applicant/Owner: AEP				State: Ohio	Sampling Point: 4-A
Investigator(s): C. Kwolek, E. Wilson	Se	ection, Tov	vnship, Ran	nge: S019 T003 R007	7
				concave, convex, none):	
Slope (%): 1 Lat: 40.764251	Lo	ong: 84.1	00722		Datum: WGS 84
Soil Map Unit Name: Glynwood-Urban land complex					
Are climatic / hydrologic conditions on the site typical for this	time of year	? Yes <b>-</b>	No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology si	gnificantly di	sturbed?	Are "I	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally probl	ematic?	(If nee	eded, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	showing s	ampling	g point lo	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes <u>✓</u> No			Sampled	_	
Wetland Hydrology Present? Yes <u>✓</u> No	·	withi	n a Wetlan	d? Yes	No
Remarks:	otoboc ala	na cmal	l donrocc	sion adiacont to borr	n and upland forest All
Wetland sample point for PEM 4-A. Wetland str three wetland criteria present.	etches alc	nig Siliai	ruepress	non adjacent to ben	ii and upiand forest. All
<b>VEGETATION</b> – Use scientific names of plants.					
7 0 1 20 ft r		Dominant		Dominance Test works	sheet:
Tree Stratum (Plot size:30 ft r)  1	% Cover		_Status_	Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	ant
3				Species Across All Stra	ta: <u>4</u> (B)
4				Percent of Dominant Sp	
5	=	Total Cov	 er	That Are OBL, FACW, o	or FAC: <u>75</u> (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		Total Cov		Prevalence Index work	ksheet:
1				Total % Cover of:	
2			——		x 1 = 20
3					x 2 = 120
4				FAC species 0	
5				FACU species 20	x = 4 = 80 x = 5 = 0
Herb Stratum (Plot size: 5 ft r )	=	Total Cov	er	UPL species 0	
1. Phalaris arundinacea	40	✓	FACW	Column Totals: 100	(A) <u>220</u> (B)
2. Bromus inermis	20	<b>✓</b>	FACU	Prevalence Index	= B/A = <u>2.2</u>
3. Carex Iupulina	20	✓	OBL	Hydrophytic Vegetatio	n Indicators:
4. Symphyotrichum praealtum	20	<u> </u>	FACW_	1 - Rapid Test for H	
5				✓ 2 - Dominance Test	
6				3 - Prevalence Inde	
7					daptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8					phytic Vegetation <sup>1</sup> (Explain)
9					Anytio Cogotation (Explain)
10	100%		——	<sup>1</sup> Indicators of hydric soil	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	100% =	Total Cov	er	be present, unless distu	rbed or problematic.
1				Hydrophytic	
2				Vegetation Present? Yes	s No
Boundary (body and a state of the state of t		Total Cov	er		
Remarks: (Include photo numbers here or on a separate s	neet.)				

SOIL Sampling Point: 4-A

Profile Desc	ription: (Describe	e to the dep	oth needed to docu	ment the	indicator	or confirm	n the absence of i	indicators.)			
Depth	Matrix			x Feature			_				
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks			
0-8	10YR 3/2	_ <u>93</u>	10YR 4/6	_	_ <u>C</u>	PL / M	Clay Loam				
8-20	10YR 6/2	90	10YR 6/8	10	_ <u>C</u>	<u>M</u>	Clay Loam				
-											
<u> </u>											
<u>-</u>											
		pletion, RM	=Reduced Matrix, M	S=Maske	d Sand Gr	ains.		L=Pore Lining, M=Matrix.			
Hydric Soil								Problematic Hydric Soils <sup>3</sup> :			
Histosol					atrix (S4)			irie Redox (A16)			
I — ·	oipedon (A2)			Redox (S			Dark Surfa				
	stic (A3) n Sulfide (A4)			d Matrix (	ರಿರಿ) ineral (F1)			anese Masses (F12) low Dark Surface (TF12)			
	d Layers (A5)				latrix (F2)			plain in Remarks)			
_	ick (A10)			ed Matrix				,			
_	d Below Dark Surfa	ce (A11)	✓ Redox	Dark Surf	ace (F6)						
Thick Da	ark Surface (A12)		Deplete	ed Dark S	urface (F7	)	<sup>3</sup> Indicators of I	hydrophytic vegetation and			
	lucky Mineral (S1)		Redox	Depression	ons (F8)			drology must be present,			
	icky Peat or Peat (						unless dis	turbed or problematic.			
	Layer (if observed	•									
Type:							Hydric Soil Pre	esent? Yes No			
Depth (in	ches):										
Remarks:											
Hydric	soil present										
•											
HYDROLO	GY										
	drology Indicators										
1			ired; check all that a	nnly)			Secondary I	ndicators (minimum of two required)			
		one is requ			(DO)		Secondary Indicators (minimum of two required)				
_	Water (A1)		Water-Sta		, ,		Surface Soil Cracks (B6)				
Saturatio	iter Table (A2)		Aquatic Fa	,	,		Drainage Patterns (B10)				
Saturation	` '		Hydrogen		, ,		Dry-Season Water Table (C2) Crayfish Burrows (C8)				
I —	nt Deposits (B2)		✓ Oxidized I		, ,	ina Poots		ion Visible on Aerial Imagery (C9)			
ı —	posits (B3)		Presence			_		or Stressed Plants (D1)			
I —	at or Crust (B4)		Recent Iro		,	,		rphic Position (D2)			
-	oosits (B5)		Thin Much			a cons (co	_	eutral Test (D5)			
ı —	on Visible on Aerial	Imagery (P	_		. ,			odiai 1001 (D0)			
I —	Vegetated Conca		<i>-</i>								
Field Obser			(23) (23)	<b>F</b>							
Surface Wat	er Present?	Yes	No Depth (in	nches):							
Water Table			No Depth (in								
Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No No											
(includes car	oillary fringe)										
Describe Re	corded Data (strear	m gauge, m	onitoring well, aerial	photos, p	revious in	spections),	if available:				
Remarks:											
Hydrolo	gy present										
-											

Project/Site: 1730 AEP North Delphos - Rockhill Del	lineation_	City/Co	ounty:	Lima/All	en	Sampling Date: 2	021-12-09		
Applicant/Owner: AEP					State: Ohio Sampling Point: 4-A/B/C UPL				
Investigator(s): C. Kwolek, E. Wilson		Sectio	n, To	wnship, Rar	nge: S019 T003 R00	7			
					(concave, convex, none):				
Slope (%): 0 Lat: 40.764074		Long:	-84	.100096		Datum: WGS 84	ļ.		
Soil Map Unit Name: Pewamo silty clay loam, 0 to	1 percent	slope	es (P	mA)	NWI classific	ation: N/A			
Are climatic / hydrologic conditions on the site typical for th	is time of yea	ar? Ye	es	No	(If no, explain in R	lemarks.)			
Are Vegetation, Soil, or Hydrology	significantly	disturt	ed?	Are "	Normal Circumstances" p	present? Yes	No		
Are Vegetation, Soil, or Hydrology	naturally pro	blema	tic?	(If ne	eded, explain any answe	rs in Remarks.)			
SUMMARY OF FINDINGS - Attach site map	showing	sam	pling	g point lo	ocations, transects	, important fea	tures, etc.		
Hydrophytic Vegetation Present? Yes N	No								
Hydric Soil Present? Yes N	No		ls th	e Sampled		,			
Wetland Hydrology Present? Yes N	No		with	in a Wetlan	nd? Yes	No			
Remarks:									
Upland sample point for PEMs 4-A, 4-B, and 4-C. Sample taken within upland forest. No wetland criteria present.									
VECETATION III a saisatiffa a susan af alauta									
VEGETATION – Use scientific names of plants		D	1	lu dia atau	Daminana Tastural				
Tree Stratum (Plot size:30 ft r)	Absolute <u>% Cover</u>			Indicator Status	Dominance Test work				
1. Ostrya virginiana	70			FACU	Number of Dominant S That Are OBL, FACW,		(A)		
2. Quercus palustris	40			FACW	Total Number of Domin				
3					Species Across All Stra	A	(B)		
4					Percent of Dominant S	necies			
5					That Are OBL, FACW,		(A/B)		
Sapling/Shrub Stratum (Plot size: 15 ft r )	<u>110%</u>	= Tota	al Cov	er er	Prevalence Index wor	ksheet.			
1. Amelanchier arborea	25		,	FACU	Total % Cover of:		hv.		
2. Quercus palustris	20			FACW		x 1 = 0	<u></u>		
3						x 2 = 120			
4					FAC species 0				
5					FACU species 95	x 4 = <u>380</u>			
	45%	= Tota	al Cov	er	UPL species 0	x 5 = <u>0</u>			
Herb Stratum (Plot size: 5 ft r )					Column Totals: 155	(A) <u>500</u>	(B)		
1					Prevalence Index	= B/A = 3.23			
2					Hydrophytic Vegetation				
4					1 - Rapid Test for I		tion		
5					2 - Dominance Tes				
6					3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>			
7.					4 - Morphological A	Adaptations <sup>1</sup> (Provid	de supporting		
8.						s or on a separate s	,		
9					Problematic Hydro	phytic Vegetation (	(Explain)		
10					<sup>1</sup> Indicators of hydric soi	il and watland budge	alamu marrat		
Woody Vine Stratum (Plot size: 30 ft r		= Tota	al Cov	er er	be present, unless dist				
1					Hydrophytic				
2.					Vegetation	44	,		
		= Tota		/er	Present? Ye	s No	_		
Remarks: (Include photo numbers here or on a separate	sheet.)								

SOIL Sampling Point: 4-A/B/C UPL

Profile Desc	cription: (Describ	e to the dept	h needed to docu	ment the	indicator	or confire	n the absence of	indicators.)			
Depth	Matrix			ox Feature		1 2	T 4	Damada			
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup> _	_Loc <sup>2</sup>		Remarks			
0 - 20	10YR 3/3	_ <u>100</u>					Clay Loam				
<u> </u>											
				_							
<del></del>					- ——						
	oncentration, D=De	epletion, RM=	Reduced Matrix, M	IS=Masked	d Sand Gra	ains.		L=Pore Lining, M=Matrix.			
Hydric Soil	Indicators:						Indicators for	Problematic Hydric Soils <sup>3</sup> :			
Histosol	, ,			Gleyed Ma				irie Redox (A16)			
Histic Epipedon (A2) Sandy Redox (S5)							Dark Surfa	, ,			
Black Histic (A3) Stripped Matrix (S6) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1)								Janese Masses (F12)			
	en Sulfide (A4) d Layers (A5)			Gleyed M				low Dark Surface (TF12) plain in Remarks)			
_	uck (A10)			ed Matrix (			Office (EX	plant in Remarks)			
ı —	d Below Dark Surfa	ace (A11)		Dark Surfa							
Thick Da	ark Surface (A12)		Deplet	ed Dark Su	urface (F7)	)	<sup>3</sup> Indicators of	hydrophytic vegetation and			
Sandy N	lucky Mineral (S1)		Redox	Depressio	ns (F8)		wetland hy	drology must be present,			
	icky Peat or Peat (						unless dis	turbed or problematic.			
Restrictive	Layer (if observed										
Type:							Hydric Soil Pre	esent? Yes No			
Depth (in	ches):						Tiyane Son Fit	res No			
Remarks:											
No hydi	ric soil pres	ent									
No myan	no son pres	Citt									
HYDROLO											
1	drology Indicator										
	cators (minimum of	one is require						Indicators (minimum of two required)			
—	Water (A1)			ained Leav				e Soil Cracks (B6)			
ı —	ater Table (A2)			auna (B13				ge Patterns (B10)			
Saturation	, ,			atic Plants	, ,			ason Water Table (C2)			
I —	larks (B1)			Sulfide O	, ,	ina Dooto	Crayfish Burrows (C8)				
	nt Deposits (B2)			Rhizosphe of Reduce		-	—	ion Visible on Aerial Imagery (C9) for Stressed Plants (D1)			
	posits (B3) at or Crust (B4)			on Reducti	,	,	_	rphic Position (D2)			
- '	posits (B5)		_	k Surface		u cons (co	· —	eutral Test (D5)			
ı —	on Visible on Aeria	I Imagery (B7		Well Data			170-140	sulfai rest (D0)			
I —	y Vegetated Conca										
Field Obser		ve ourrace (E	Other (EX	фантите	Jiliai Kaj						
Surface Wat		Vac N	lo Depth (ii	nches).							
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No											
Saturation P (includes cap		162 N	Jeptn (II	iches):		_   wet	ianu myurology P	resent res NO			
	corded Data (strea	m gauge, mo	nitoring well, aerial	photos, pr	revious ins	pections),	if available:				
Remarks:											
I											

Project/Site: 1730 AEP North Delphos - Rockhill Delin	neation Cit	ty/County:	Lima/Alle	en	Sampling Date: 2021-12-09				
Applicant/Owner: AEP				State: Ohio	Sampling Point: 4-B PEM				
Investigator(s): C. Kwolek, E. Wilson	Se	ection, Tov	vnship, Ran	ge: S019 T003 R007	7				
				concave, convex, none):	_				
Slope (%): 1 Lat: 40.763845	Lo	ng: <u>-</u> 84.	099978		Datum: WGS 84				
Soil Map Unit Name: Glynwood-Urban land complex									
Are climatic / hydrologic conditions on the site typical for this	time of year	? Yes	No	(If no, explain in Re	emarks.)				
Are Vegetation, Soil, or Hydrology signature.	gnificantly dis	sturbed?	Are "N	Normal Circumstances" p	resent? Yes No				
Are Vegetation, Soil, or Hydrology na	aturally probl	ematic?	(If nee	eded, explain any answer	rs in Remarks.)				
SUMMARY OF FINDINGS – Attach site map s	showing s	ampling	g point lo	cations, transects	, important features, etc.				
Hydrophytic Vegetation Present? Yes No									
Hydric Soil Present? Yes No			Sampled		No				
Wetland Hydrology Present? Yes ✓ No Remarks:		withi	n a Wetlan	a? Yes	No				
	lotland str	otchoc :	alona ema	all depression adiac	ont to horm and unland				
Wetland sample point for PEM portion of 4-B. Wetland stretches along small depression adjacent to berm and upland forest. All three wetland criteria present.									
<b>VEGETATION</b> – Use scientific names of plants.									
30 ft *		Dominant		Dominance Test works	sheet:				
	% Cover S		Status_	Number of Dominant Sp					
1				That Are OBL, FACW, o	or FAC: 2 (A)				
2 3				Total Number of Domina Species Across All Strat	0				
4.				•					
5				Percent of Dominant Sp That Are OBL, FACW, or					
15 ft r	=	Total Cov	er .						
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index work  Total % Cover of:					
1					x 1 = 20				
2. 3.				FACW species 80					
4				•	x 3 = 0				
5.				FACU species 0					
		Total Cov	er	UPL species 0	x 5 = 0				
Herb Stratum (Plot size: 5 ft r )	80	/	FACW	Column Totals: 100	(A) <u>180</u> (B)				
1. Phalaris arundinacea 2 Scirpus cyperinus	20 -		OBL	Prevalence Index	- R/A - 1.8				
3			OBL	Hydrophytic Vegetatio					
4				✓ 1 - Rapid Test for H					
5.				✓ 2 - Dominance Test	t is >50%				
6				✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>				
7					daptations <sup>1</sup> (Provide supporting				
8.					s or on a separate sheet)				
9				Problematic Hydrop	ohytic Vegetation¹ (Explain)				
10				1 malicators of budgie coil	l and wallend hydroleny myst				
Woody Vine Stratum (Plot size: 30 ft r )	100% =	Total Cov	er	be present, unless distu	l and wetland hydrology must irbed or problematic.				
1				Hydrophytic					
2				Vegetation	s No				
	=	Total Cov	er	Present? Yes	5 NO				
Remarks: (Include photo numbers here or on a separate si	heet.)								

SOIL Sampling Point: 4-B PEM

Profile Desc	cription: (Describe	e to the der	oth needed to docu	ment the	indicator	or confirn	n the absence of	indicators.)			
Depth	Matrix			x Feature							
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup> _	_Loc <sup>2</sup> _	Texture	Remarks			
0-20	10YR 4/1	_ <u>90</u>	10YR 5/8	_ <u>10</u>	_ <u>C</u>	<u>PL / M</u>	Clay Loam _				
-											
<u> </u>											
<del></del>											
l											
<u> </u>											
-											
<sup>1</sup> Type: C=C	oncentration, D=De	pletion, RM	=Reduced Matrix, M	- ——— S=Maske	d Sand Gr	ains.	<sup>2</sup> Location: F	PL=Pore Lining, M=Matrix.			
Hydric Soil								r Problematic Hydric Soils³:			
Histosol	I (A1)		Sandy	Gleyed M	atrix (S4)		Coast Pra	airie Redox (A16)			
Histic Epipedon (A2) Sandy Redox (S5)							Dark Surf	face (S7)			
ı —	istic (A3)			d Matrix (				ganese Masses (F12)			
	en Sulfide (A4)				ineral (F1)			llow Dark Surface (TF12)			
_	d Layers (A5)			-	latrix (F2)		Other (Ex	rplain in Remarks)			
_	uck (A10) d Below Dark Surfa	oce (Δ11)	✓ Deplete	ed Matrix Dark Surf							
I — ·	ark Surface (A12)	ice (ATT)	_		urface (F7	)	3Indicators of	hydrophytic vegetation and			
_	Mucky Mineral (S1)			Depression		,		ydrology must be present,			
	ucky Peat or Peat (		_		( - /			sturbed or problematic.			
Restrictive	Layer (if observed	i):									
Type:											
Depth (in	ches):						Hydric Soil Pr	resent? Yes No			
Remarks:											
Llydria	coil procept	•									
myunc :	soil present	ı									
HYDROLO	GY										
Wetland Hy	drology Indicators	š:									
Primary India	cators (minimum of	one is requ	ired; check all that a	oply)			Secondary	Indicators (minimum of two required)			
Surface	Water (A1)		Water-Sta	ined Lea	ves (B9)		_	e Soil Cracks (B6)			
High Wa	ater Table (A2)		Aquatic F	auna (B1	3)		Drainage Patterns (B10)				
Saturation	on (A3)		True Aqua	atic Plants	s (B14)		Dry-Se	eason Water Table (C2)			
Water M	/larks (B1)		Hydrogen		, ,			sh Burrows (C8)			
Sedime	nt Deposits (B2)		Oxidized	Rhizosph	eres on Liv	ing Roots	(C3) Saturat	tion Visible on Aerial Imagery (C9)			
Drift De	posits (B3)		Presence		-	-	_	d or Stressed Plants (D1)			
Algal Ma	at or Crust (B4)					d Soils (Ce		orphic Position (D2)			
ı —	posits (B5)		Thin Muck				✓ FAC-N	eutral Test (D5)			
	ion Visible on Aeria										
	y Vegetated Conca	ve Surface (	(B8) Other (Ex	plain in R	emarks)						
Field Obser			./								
Surface Wat			No Depth (in								
Water Table			No Depth (in					,			
Saturation P		Yes	No Depth (in	ches):		Wetl	and Hydrology P	Present? Yes No			
	pillary fringe) corded Data (strea	m gauge, m	onitoring well, aerial	photos, p	revious ins	spections),	if available:				
Remarks:											
Hydrolo	gy present										
' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	ay bicaciit										

Project/Site: 1730 AEP North Delphos - Rockhill Delineation	on_ City/County: Lima/All	len Sampling Date: 2021-12-09
Applicant/Owner: AEP		State: Ohio Sampling Point: 4-B PFO
Investigator(s): C. Kwolek, E. Wilson	Section, Township, Rar	nge: S019 T003 R007
		(concave, convex, none): Concave
Slope (%): 1 Lat: 40.763569	Long: 84.100073	Datum: WGS 84
Soil Map Unit Name: Pewamo silty clay loam, 0 to 1 perc	ent slopes (PmA)	NWI classification: N/A
Are climatic / hydrologic conditions on the site typical for this time of	of year? Yes No	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology significa	antly disturbed? Are "I	Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally	y problematic? (If ne	eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map show	ing sampling point k	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No		
Hydric Soil Present? Yes No		
Wetland Hydrology Present? Yes No	within a Wetlan	nd? Yes No
Remarks:	ad museemt within ferre	
Wetland sample point for PFO portion of 4-B. Wetlar perennial stream. All three wetland criteria present.	ia present within fores	sted depression and adjacent to small
VEGETATION – Use scientific names of plants.		
Abso		Dominance Test worksheet:
Tree Stratum (Plot size: 30 ft r ) % Co	over Species? Status FACW	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.		Total Number of Dominant
3		Species Across All Strata: 1 (B)
4		Percent of Dominant Species
5		That Are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )	= Total Cover	Prevalence Index worksheet:
1		Total % Cover of: Multiply by:
2		OBL species $\frac{0}{20}$ $\times 1 = \frac{0}{100}$
3		FACW species $90$ $x 2 = 180$
4		FAC species $0 \times 3 = 0$
5		FACU species $\frac{0}{0}$ $x = \frac{0}{0}$
Herb Stratum (Plot size: 5 ft r	= Total Cover	UPL species $0$ $x = 0$ (B)  Column Totals: $0$ $(A)$ $180$ $(B)$
1		Column Totals: 90 (A) 180 (B)
2		Prevalence Index = B/A = 2.0
3		Hydrophytic Vegetation Indicators:
4		✓ 1 - Rapid Test for Hydrophytic Vegetation
5		✓ 2 - Dominance Test is >50%
6		✓ 3 - Prevalence Index is ≤3.0¹
7		4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
8		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
9		
10		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	= Total Cover	be present, unless disturbed or problematic.
1		Hydrophytic
2		Vegetation   Present?   Yes No
Remarks: (Include photo numbers here or on a separate sheet.)	= Total Cover	
Tremains. (moldae prioto numbers nere or on a separate sheet.)		
I .		

SOIL Sampling Point: 4-B PFO

l	cription: (Describe	to the depth				or confirn	n the absence of i	indicators.)			
Depth (inches)	Matrix Color (moist)	<u></u> %	Color (moist)	ox Feature %	Type <sup>1</sup>	Loc²	Texture	Remarks			
0 - 20	10YR 3/1		7.5YR 5/8	10	C	PL / M	Clay Loam	Komarko			
	10111071	- <del></del>			- <del>-</del>						
-											
_											
1							2				
	oncentration, D=De	pletion, RM=R	deduced Matrix, M	S=Maske	d Sand Gr	ains.		L=Pore Lining, M=Matrix.			
Hydric Soil			0	01114	- (- (O ()			Problematic Hydric Soils <sup>3</sup> :			
Histosol				Gleyed M				irie Redox (A16)			
Histic Epipedon (A2) Sandy Redox (S5)							Dark Surfa	ganese Masses (F12)			
	Black Histic (A3) Stripped Matrix (S6) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1)							low Dark Surface (TF12)			
	d Layers (A5)				latrix (F2)			plain in Remarks)			
_	uck (A10)			ed Matrix				,			
_	d Below Dark Surface	ce (A11)		Dark Surf							
Thick Da	ark Surface (A12)		Deplete	ed Dark S	urface (F7	)	<sup>3</sup> Indicators of	hydrophytic vegetation and			
	Mucky Mineral (S1)		Redox	Depression	ons (F8)			drology must be present,			
	ucky Peat or Peat (S						unless dis	turbed or problematic.			
	Layer (if observed)	):									
Type:			_				Hydric Soil Pre	esent? Yes No			
Depth (in	ches):		_				Tiyano com Ti				
Remarks:											
	soil present										
HYDROLO	GY										
Wetland Hy	drology Indicators	:									
Primary India	cators (minimum of	one is required	d; check all that a	pply)			Secondary I	Indicators (minimum of two required)			
Surface	Water (A1)		✓ Water-Sta	ained Lea	ves (B9)		Surface Soil Cracks (B6)				
_	ater Table (A2)		Aquatic F				✓ Drainage Patterns (B10)				
Saturation			True Aqua	atic Plants	(B14)		Dry-Season Water Table (C2)				
✓ Water M	larks (B1)		Hydrogen	Sulfide C	dor (C1)		Crayfisl	h Burrows (C8)			
Sedime	nt Deposits (B2)		Oxidized	Rhizosph	eres on Liv	ing Roots	(C3) Saturat	ion Visible on Aerial Imagery (C9)			
Drift De	posits (B3)		Presence	of Reduc	ed Iron (C	4)	Stunted	or Stressed Plants (D1)			
Algal Ma	at or Crust (B4)		Recent Iro	on Reduct	ion in Tille	d Soils (Ce	6) 🖊 Geomo	rphic Position (D2)			
Iron Dep	posits (B5)		Thin Mucl	k Surface	(C7)		✓ FAC-Ne	eutral Test (D5)			
Inundati	on Visible on Aerial	Imagery (B7)	Gauge or	Well Data	a (D9)						
Sparsely	y Vegetated Concav	ve Surface (B8	B) Other (Ex	plain in R	emarks)						
Field Obser	vations:										
Surface Wat	er Present?	Yes No	Depth (ir	nches):		_					
Water Table	Present?	Yes No	Depth (ir	nches):		_					
	Saturation Present? Yes No V Depth (inches): Wetland Hydrology Present? Yes No No L										
	corded Data (stream	n gauge, moni	toring well, aerial	photos, p	revious ins	spections),	if available:				
Remarks:											
Hydrolo	gy present										

Project/Site: 1730 AEP North Delphos - Rockhill Deline	eation_ City/C	ounty: Lima/Alle	en	Sampling Date: 2021-12-09
Applicant/Owner: AEP			State: Ohio	Sampling Point: 4-C
Investigator(s): C. Kwolek, E. Wilson	Section	on, Township, Rang	ge: S019 T003 R007	1
			concave, convex, none):	
Slope (%): 1 Lat: 40.763632	Long:	84.099604		Datum: WGS 84
Soil Map Unit Name: Pewamo silty clay loam, 0 to 1 p	percent slope	es (PmA)	NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for this t	ime of year? Y	es No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology sig	nificantly disturt	bed? Are "N	lormal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology nat	turally problema	atic? (If nee	ded, explain any answer	s in Remarks.)
SUMMARY OF FINDINGS – Attach site map si	howing sam	pling point lo	cations, transects,	important features, etc.
Hydrophytic Vegetation Present? Yes No			_	
Hydric Soil Present? Yes No		Is the Sampled /		N-
Wetland Hydrology Present? Yes   ✓ No  Remarks:		within a Wetland	r res	No
Wetland sample point for PEM 4-C. Wetland stre	stehoe along	depression ad	iscopt to railroad by	orm and unland forest All
three wetland criteria present.	stories along	depression ad	jacent to ramoad be	eriii and upland forest. Ali
VEGETATION – Use scientific names of plants.				
20 ft r		ninant Indicator	Dominance Test works	sheet:
		cies? Status	Number of Dominant Sp.	
1			That Are OBL, FACW, o	or FAC: 1 (A)
3			Total Number of Domina Species Across All Strat	4
4.			•	
5			Percent of Dominant Sp That Are OBL, FACW, c	
Sapling/Shrub Stratum (Plot size: 15 ft r )	= Tota	al Cover	Prevalence Index work	sheet:
1			Total % Cover of:	
2.				x 1 = 0
3			FACW species 100	x 2 = <u>200</u>
4			FAC species 0	x 3 = <u>0</u>
5			FACU species 0	
Luci Oraca (Black Spire)	= Tota		UPL species 0	x 5 = 0
Herb Stratum (Plot size: 5 ft r )  1 Phalaris arundinacea	100	/ FACW	Column Totals: 100	(A) <u>200</u> (B)
2.			Prevalence Index	= B/A = 2.0
3			Hydrophytic Vegetatio	n Indicators:
4.			✓ 1 - Rapid Test for H	ydrophytic Vegetation
5			✓ 2 - Dominance Test	is >50%
6			✓ 3 - Prevalence Inde	x is ≤3.0 <sup>1</sup>
7				daptations <sup>1</sup> (Provide supporting or on a separate sheet)
8				ohytic Vegetation <sup>1</sup> (Explain)
9				mytto rogotation (Explain)
10.	100% = Tota	al Cover	<sup>1</sup> Indicators of hydric soil be present, unless distu	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )		-	be present, unless distu	ibod or problematic.
1			Hydrophytic	
2			Vegetation Present? Yes	No
Remarks: (Include photo numbers here or on a separate sh		al Cover		
The state of the separate siles	,			

SOIL Sampling Point: 4-C

Profile Desc	cription: (Describe	to the depth	needed to docur	nent the	indicator	or confirm	n the absence of	indicators.)			
Depth											
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks			
0 - 20	10YR 4/1	_ 90 1	0YR 5/8	10	<u> </u>	PL / M	Clay Loam _				
-											
								_			
					- —						
<u> </u>					- ——						
_								_			
¹Type: C=C	oncentration, D=De	nletion RM=R	aduced Matrix Ms	S=Macker	d Sand Gr	aine	<sup>2</sup> l ocation: F	PL=Pore Lining, M=Matrix.			
Hydric Soil		pietion, ravi–ra	educed Matrix, Mi	J-Masket	u Gariu Gi	allis.		r Problematic Hydric Soils <sup>3</sup> :			
Histosol			Sandy (	Gleyed Ma	atrix (S4)			airie Redox (A16)			
ı —	oipedon (A2)			Redox (St			Dark Surf				
I —	istic (A3)			d Matrix (	,			ganese Masses (F12)			
Hydroge	en Sulfide (A4)				neral (F1)			llow Dark Surface (TF12)			
Stratified	d Layers (A5)		Loamy	Gleyed M	atrix (F2)		Other (Ex	rplain in Remarks)			
	ıck (A10)			d Matrix (							
1	d Below Dark Surfa	ce (A11)	_	Dark Surfa	. ,		2				
	ark Surface (A12)				urface (F7	)		hydrophytic vegetation and			
	Mucky Mineral (S1)	202	Redox I	Depressio	ns (F8)			ydrology must be present,			
	ucky Peat or Peat (S Layer (if observed)						uniess dis	sturbed or problematic.			
l _											
" —	-1		_				Hydric Soil Pr	resent? Yes No			
Depth (in	cnes):						-				
Remarks:											
Hvdric s	soil present										
,	ос р. сссс										
<b>HYDROLO</b>	GY										
Wetland Hy	drology Indicators	:									
Primary India	cators (minimum of	one is required	; check all that ap	ply)			Secondary	Indicators (minimum of two required)			
Surface	Water (A1)		Water-Sta	ined Leav	res (B9)		Surface	e Soil Cracks (B6)			
I —	ater Table (A2)		Aquatic Fa		, ,			ge Patterns (B10)			
Saturation			True Aqua				Dry-Season Water Table (C2)				
Water M	, ,		Hydrogen		-		_ ′	sh Burrows (C8)			
	nt Deposits (B2)		Oxidized F			ing Roots		tion Visible on Aerial Imagery (C9)			
1	posits (B3)		Presence			_		d or Stressed Plants (D1)			
1	at or Crust (B4)		Recent Iro		•	,		orphic Position (D2)			
Iron Dep			Thin Muck			`	· —	eutral Test (D5)			
I — ·	on Visible on Aerial	Imagery (B7)	Gauge or				_	,			
	y Vegetated Concav										
Field Obser					,						
Surface Wat		Yes No.	Depth (in	ches).							
Water Table	Present?	ves No	Depth (in	chee):		_					
Saturation P			Depth (in				and Hudralagu B	Present? Yes No			
	oillary fringe)	res No	Deptil (iii	cries)		_   well	and Hydrology P	resent? res No			
	corded Data (strear	n gauge, monit	oring well, aerial	photos, pi	revious ins	spections),	if available:				
Remarks:											
Lydrala	av procest										
myurolo	gy present										

Project/Site: 1730 AEP North Delphos - Rockhill Delin	neation c	ity/County:	Lima/All	en	Sampling Date: 2021-12-09
Applicant/Owner: AEP				State: Ohio	Sampling Point: 4-D
Investigator(s): C. Kwolek, E. Wilson	8	Section, To	wnship, Rar	nge: S019 T003 R007	7
				(concave, convex, none):	
Slope (%): 1 Lat: 40.763238	ι	.ong: 84.0	097616		Datum: WGS 84
Soil Map Unit Name: Blount-Urban land complex, 0	to 2 perc	ent slope	es (BsA)	NWI classific	ation: PEM1A
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	No	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology si	gnificantly d	listurbed?	Are "	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	olematic?	(If ne	eded, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	showing	samplin	g point lo	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes _ ✓ No					
Hydric Soil Present? Yes No			e Sampled		
Wetland Hydrology Present? Yes _ ✓ No		with	in a Wetlan	nd? Yes	No
Remarks:		.: <b>6</b>			
Wetland sample point for PFO 4-D. Wetland prethree wetland criteria present.	esent witr	ıın torest	ea aepre	ession and adjacent t	o railroad junction. All
<b>VEGETATION</b> – Use scientific names of plants.	Absolute	Dominant	Indicator	Dominanaa Taat wark	ahaat.
Tree Stratum (Plot size: 30 ft r )	% Cover			Dominance Test works  Number of Dominant Sp	
1. Fraxinus pennsylvanica	70	<b>✓</b>	FACW	That Are OBL, FACW, of	
2. Populus deltoides	20	<b>_</b>	FAC	Total Number of Domina	ant
3				Species Across All Stra	4
4				Percent of Dominant Sp	pecies
5	90%			That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )	90%	= Total Cov	er er	Prevalence Index worl	ksheet:
1. Fraxinus pennsylvanica	30	<b>_</b>	FACW	Total % Cover of:	
2					x 1 = <u>25</u>
3				FACW species 100	x 2 = 200
4				FAC species 20	x 3 = 60
5	200/			FACU species 0	x 4 = 0 x 5 = 0
Herb Stratum (Plot size: 5 ft r )	30%=	= Total Cov	er	UPL species 0 Column Totals: 145	005
1. Carex lupulina	25	<b>_</b>	OBL	Column Totals. 140	(A) <u>285</u> (B)
2.				Prevalence Index	= B/A = 2.0
3				Hydrophytic Vegetation	n Indicators:
4				1 - Rapid Test for H	
5				2 - Dominance Tes	
6				✓ 3 - Prevalence Inde	
7				data in Remarks	daptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8				Problematic Hydror	ohytic Vegetation¹ (Explain)
9 10.					
	<u> </u>	 Total Cov	er	<sup>1</sup> Indicators of hydric soil be present, unless distu	l and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )				be present, unless distu	rbed or problematic.
1				Hydrophytic	
2				Vegetation   Present? Yes	s No
Remarks: (Include photo numbers here or on a separate s		= Total Cov	er er		
Remarks. (include prioto numbers here or on a separate s	neet.)				

SOIL Sampling Point: 4-D

Profile Desc	cription: (Describe	to the depth	needed to docur	nent the	indicator	or confirm	n the absence of	indicators.)			
Depth	Matrix										
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup> _	_Loc <sup>2</sup> _	Texture	Remarks			
0 - 20	10YR 3/1	<u>95</u> 7	7.5YR 5/8	_ <u>5</u>	_ <u>C</u>	<u>PL / M</u>	Clay Loam				
-											
l —											
<u> </u>											
l											
_											
¹Type: C=C	oncentration, D=De	nletion RM=R	Reduced Matrix Ma	S=Maske	d Sand Gr	ains	<sup>2</sup> I ocation: P	L=Pore Lining, M=Matrix.			
Hydric Soil		piction, raw	teddood matrix, in	o maone	a cana ci	unio.		Problematic Hydric Soils <sup>3</sup> :			
Histosol	(A1)		Sandy (	Gleved M	atrix (S4)			irie Redox (A16)			
ı —	pipedon (A2)			Redox (S			Dark Surfa				
Black Hi	istic (A3)		Stripped	d Matrix (	S6)		Iron-Mang	ganese Masses (F12)			
Hydroge	en Sulfide (A4)		Loamy	Mucky Mi	ineral (F1)		Very Shall	low Dark Surface (TF12)			
_	d Layers (A5)				latrix (F2)		Other (Ex	plain in Remarks)			
_	ıck (A10)			d Matrix							
	d Below Dark Surfa	ce (A11)	_	Dark Surf	. ,	`	31	hudeenhudie verstedien and			
	ark Surface (A12)  Mucky Mineral (S1)			Depression	urface (F7	)		hydrophytic vegetation and drology must be present,			
	ucky Peat or Peat (S	33)		Depressio	) iis (i o)			sturbed or problematic.			
	Layer (if observed	,					1	The state of production of the state of the			
Type:		,						,			
Depth (in	ches):		_				Hydric Soil Pre	esent? Yes No			
Remarks:			_								
Hyarics	soil present										
HYDROLO	GY										
Wetland Hy	drology Indicators	:									
Primary India	cators (minimum of	one is require	d; check all that ap	oply)			Secondary I	Indicators (minimum of two required)			
Surface	Water (A1)		✓ Water-Sta	ined Leav	ves (B9)		Surface	e Soil Cracks (B6)			
High Wa	ater Table (A2)		Aquatic Fa				✓ Drainag	ge Patterns (B10)			
Saturation	on (A3)		True Aqua	tic Plants	(B14)		Dry-Season Water Table (C2)				
✓ Water M	larks (B1)		Hydrogen	Sulfide C	dor (C1)		Crayfisl	h Burrows (C8)			
Sedimer	nt Deposits (B2)		Oxidized F	Rhizosphe	eres on Liv	ing Roots	(C3) Saturat	ion Visible on Aerial Imagery (C9)			
Drift Dep	posits (B3)		Presence	of Reduc	ed Iron (C	4)	Stunted	d or Stressed Plants (D1)			
Algal Ma	at or Crust (B4)		Recent Iro	n Reduct	ion in Tille	d Soils (C	6) 🖊 Geomo	rphic Position (D2)			
Iron Dep	oosits (B5)		Thin Muck	Surface	(C7)		✓ FAC-Ne	eutral Test (D5)			
Inundati	on Visible on Aerial	Imagery (B7)	Gauge or	Well Data	a (D9)						
Sparsely	y Vegetated Conca	e Surface (B	3) Other (Exp	olain in R	emarks)						
Field Obser			,								
Surface Wat			o Depth (in								
Water Table	Present?	Yes No	o Depth (in	ches):		_					
Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No											
	corded Data (strear	n gauge, mon	itoring well, aerial	photos, p	revious ins	spections),	if available:				
Remarks:											
Hydrolo	gy present										

Project/Site: 1730 AEP North Delphos - Rockhill Deli	neation_c	city/County	: Lima/All	en	Sampling Date: 2021-12-09
Applicant/Owner: AEP					Sampling Point: 4-E PEM
Investigator(s): C. Kwolek, E. Wilson	8	Section, To	wnship, Rar	nge: S020 T003 R00	7
Landform (hillslope, terrace, etc.): Depression			Local relief (	(concave, convex, none):	Concave
Slope (%): 1 Lat: 40.764381	ι	.ong: <u>84.</u>	087449		Datum: WGS 84
Soil Map Unit Name: Blount silt loam, end moraine,	0 to 2 per	cent slo	pes (Ble1	A1) NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	✓ No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology si	ignificantly d	listurbed?	Are "	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology n	aturally prob	olematic?	(If ne	eded, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing	samplin	g point lo	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No	D				
Hydric Soil Present? Yes ✓ No			e Sampled		
Wetland Hydrology Present? Yes <u>✓</u> No	·	with	in a Wetlan	id? Yes	No
Remarks:			_		
Wetland sample point for PEM portion of 4-E. V area. All three wetland criteria present.	vetland st	retches	along sm	all depression adjace	ent to disturbed upland
<b>VEGETATION</b> – Use scientific names of plants.		D	I II I		-14
Tree Stratum (Plot size: 30 ft r )	Absolute % Cover		Indicator Status	Dominance Test works	
1				Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	ant
3				Species Across All Strat	^
4				Percent of Dominant Sp	pecies
5				That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total Co	ver	Prevalence Index work	ksheet:
1				Total % Cover of:	Multiply by:
2.				OBL species 0	x 1 = <u>0</u>
3				FACW species 80	x 2 = <u>160</u>
4					x 3 = <u>0</u>
5					x 4 = <u>80</u>
Luck Oracle (Black S. 5 ft r.	:	= Total Co	ver	UPL species 0	
Herb Stratum (Plot size: 5 ft r )   1. Phalaris arundinacea	60	/	FACW	Column Totals: 100	(A) <u>240</u> (B)
2 Setaria faberi	20		FACU	Prevalence Index	= B/A = 2.4
3. Symphyotrichum praealtum	20		FACW	Hydrophytic Vegetatio	
4				1 - Rapid Test for H	lydrophytic Vegetation
5				✓ 2 - Dominance Test	t is >50%
6				✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>
7.				4 - Morphological A	daptations <sup>1</sup> (Provide supporting
8				1	s or on a separate sheet)
9				Problematic Hydrop	ohytic Vegetation <sup>1</sup> (Explain)
10				1Indicators of budgie sail	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	100%	= Total Co	ver	be present, unless distu	irbed or problematic.
1				Hydrophytic	
2				Vegetation	
		= Total Co		Present? Yes	s No
Remarks: (Include photo numbers here or on a separate s	heet.)				

SOIL Sampling Point: 4-E PEM

Profile Desc	cription: (Describe	e to the der	oth needed to docu	ment the	indicator	or confirn	n the absence of	indicators.)			
Depth	Matrix			x Feature							
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup> _	_Loc <sup>2</sup> _	Texture	Remarks			
0-20	10YR 4/1	_ <u>90</u>	10YR 5/8	_ <u>10</u>	_ <u>C</u>	<u>PL / M</u>	Clay Loam _				
-											
<u> </u>											
<del></del>											
l											
<u> </u>											
-											
<sup>1</sup> Type: C=C	oncentration, D=De	pletion, RM	=Reduced Matrix, M	- ——— S=Maske	d Sand Gr	ains.	<sup>2</sup> Location: F	PL=Pore Lining, M=Matrix.			
Hydric Soil								r Problematic Hydric Soils³:			
Histosol	I (A1)		Sandy	Gleyed M	atrix (S4)		Coast Pra	airie Redox (A16)			
Histic E	pipedon (A2)		Sandy	Redox (S	5)		Dark Surf	face (S7)			
ı —	istic (A3)			d Matrix (				ganese Masses (F12)			
	en Sulfide (A4)				ineral (F1)			llow Dark Surface (TF12)			
_	d Layers (A5)			-	latrix (F2)		Other (Ex	rplain in Remarks)			
_	uck (A10) d Below Dark Surfa	oce (Δ11)	✓ Deplete	ed Matrix Dark Surf							
I — ·	ark Surface (A12)	ice (ATT)	_		urface (F7	)	3Indicators of	hydrophytic vegetation and			
_	Mucky Mineral (S1)			Depression		,		ydrology must be present,			
	ucky Peat or Peat (		_		( - /			sturbed or problematic.			
Restrictive	Layer (if observed	i):									
Type:											
Depth (in	ches):						Hydric Soil Pr	resent? Yes No			
Remarks:											
Llydria	coil procept	•									
myunc :	soil present	ı									
HYDROLO	GY										
Wetland Hy	drology Indicators	š:									
Primary India	cators (minimum of	one is requ	ired; check all that a	oply)			Secondary	Indicators (minimum of two required)			
Surface	Water (A1)		Water-Sta	ined Lea	ves (B9)		_	e Soil Cracks (B6)			
High Wa	ater Table (A2)		Aquatic F	auna (B1	3)		✓ Drainage Patterns (B10)				
Saturation	on (A3)		True Aqua	atic Plants	s (B14)		Dry-Season Water Table (C2)				
Water M	/larks (B1)		Hydrogen		, ,			sh Burrows (C8)			
Sedime	nt Deposits (B2)		Oxidized	Rhizosph	eres on Liv	ing Roots	(C3) Saturat	tion Visible on Aerial Imagery (C9)			
Drift De	posits (B3)		Presence		-	-	_	d or Stressed Plants (D1)			
Algal Ma	at or Crust (B4)					d Soils (Ce		orphic Position (D2)			
ı —	posits (B5)		Thin Muck				✓ FAC-N	eutral Test (D5)			
	ion Visible on Aeria										
	y Vegetated Conca	ve Surface (	(B8) Other (Ex	plain in R	emarks)						
Field Obser			./								
Surface Wat			No Depth (in								
Water Table			No Depth (in					,			
Saturation P		Yes	No Depth (in	ches):		Wetl	and Hydrology P	Present? Yes No			
	pillary fringe) corded Data (strea	m gauge, m	onitoring well, aerial	photos, p	revious ins	spections),	if available:				
Remarks:											
Hydrolo	gy present										
' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	ay bicaciit										

Project/Site: 1730 AEP North Delphos - Rockhill Delir	neation_ City	//County:	Lima/Alle	en	Sampling Date: 2021-12-09
Applicant/Owner: AEP					Sampling Point: 4-E PFO
Investigator(s): C. Kwolek, E. Wilson	Se	ction, Tov	vnship, Ran	ge: S020 T003 R00	7
				concave, convex, none):	
Slope (%): 1 Lat: 40.76408	Loi	ng: <u>84.0</u>	87707		Datum: WGS 84
Soil Map Unit Name: Blount silt loam, end moraine,	0 to 2 perc	ent slop	es (Ble1	A1) NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of year?	Yes	No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology si	gnificantly dis	turbed?	Are "N	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally proble	matic?	(If nee	eded, explain any answer	s in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	showing sa	ampling	g point lo	cations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No	·				
Hydric Soil Present? Yes No			Sampled	_	
Wetland Hydrology Present? Yes No		withi	n a Wetlan	d? Yes	No
Remarks:	lational muo.		lain fauca	tod dominocion Alld	there a victional oritoria
Wetland sample point for PFO portion of 4-E. W present.	etiand pres	sent wit	.nin iores	ted depression. All i	nree wettand criteria
VEGETATION – Use scientific names of plants.					
- 20 ft r		ominant		Dominance Test works	sheet:
Tree Stratum (Plot size: 30 ft r )  1. Populus deltoides	% Cover S		FAC	Number of Dominant Sp. That Are OBL, FACW, of	
2					、,
3				Total Number of Domina Species Across All Strat	4
4.				•	
5				Percent of Dominant Sp That Are OBL, FACW, or	400
Sapling/Shrub Stratum (Plot size: 15 ft r )	<u>70%                                    </u>	Total Cove	er	Prevalence Index work	rsheet.
1. Quercus palustris	30	/	FACW	Total % Cover of:	
2. Cornus alba	15	<u> </u>	FACW		x 1 = 15
3				FACW species 45	x 2 = 90
4.				FAC species 70	x 3 = 210
5.				FACU species 0	x 4 = <u>0</u>
5.0	45% = 7	Total Cove	er	UPL species 0	x 5 = <u>0</u>
Herb Stratum (Plot size: 5 ft r   )     Carex Iupulina	15	/	OBL	Column Totals: 130	(A) <u>315</u> (B)
				Prevalence Index	= B/A = 2.4
2			<del></del>	Hydrophytic Vegetatio	
3 4				1 - Rapid Test for H	
5.				✓ 2 - Dominance Test	
6				✓ 3 - Prevalence Inde	x is ≤3.0¹
7					daptations <sup>1</sup> (Provide supporting
8					or on a separate sheet)
9				Problematic Hydrop	ohytic Vegetation <sup>1</sup> (Explain)
10				1 Indicators of hydric soil	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	<u>15%</u> = 7	Total Cove	er	be present, unless distu	
1				Hydrophytic	
2				Vegetation Present? Yes	s No
Donata (tallata)		Total Cove	er	Tes	,
Remarks: (Include photo numbers here or on a separate s	heet.)				

SOIL Sampling Point: 4-E PFO

Profile Desc	cription: (Describe	e to the dep	oth needed to docu	ment the	indicator	or confirm	n the absence of	indicators.)			
Depth	Matrix			x Feature							
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup> _	_Loc <sup>2</sup> _	Texture	Remarks			
0 - 20	10YR 4/1	_ 90	10YR 6/8	_ <u>10</u>	_ <u>C</u>	PL / M	Clay Loam _				
<u> </u>											
<u>-</u>											
<u> </u>											
		pletion, RM	=Reduced Matrix, M	S=Maske	d Sand Gr	ains.		PL=Pore Lining, M=Matrix.			
Hydric Soil								Problematic Hydric Soils <sup>3</sup> :			
Histosol	, ,			-	atrix (S4)			airie Redox (A16)			
	pipedon (A2) istic (A3)			Redox (Sa d Matrix (			Dark Surf	ace (S7) ganese Masses (F12)			
ı —	en Sulfide (A4)				ineral (F1)			llow Dark Surface (TF12)			
	d Layers (A5)				latrix (F2)			plain in Remarks)			
ı —	uck (A10)		✓ Deplete	-				,			
Deplete	d Below Dark Surfa	ce (A11)	Redox	Dark Surf	ace (F6)						
	ark Surface (A12)				urface (F7	)		hydrophytic vegetation and			
	Mucky Mineral (S1)		Redox	Depression	ons (F8)			ydrology must be present,			
	ucky Peat or Peat (	,					unless dis	sturbed or problematic.			
l _	Layer (if observed	):									
Type:	choo):						Hydric Soil Pr	esent? Yes No			
Depth (in Remarks:	cries).										
Hydric :	soil present										
HYDROLO	GY										
Wetland Hy	drology Indicators	s:									
Primary India	cators (minimum of	one is requi	ired; check all that a	pply)			Secondary	Indicators (minimum of two required)			
Surface	Water (A1)		✓ Water-Sta	ined Leav	ves (B9)		Surface	e Soil Cracks (B6)			
High Wa	ater Table (A2)		Aquatic Fa	auna (B13	3)		✓ Drainage Patterns (B10)				
Saturation	, ,		True Aqua	atic Plants	(B14)		Dry-Season Water Table (C2)				
✓ Water M	larks (B1)		Hydrogen		, ,			h Burrows (C8)			
Sedime	nt Deposits (B2)		Oxidized I			_	(C3) Saturat	tion Visible on Aerial Imagery (C9)			
Drift De	posits (B3)		Presence		•	,		d or Stressed Plants (D1)			
- '	at or Crust (B4)					d Soils (C6	_	orphic Position (D2)			
ı —	posits (B5)		Thin Muck				✓ FAC-N	eutral Test (D5)			
	on Visible on Aeria										
	y Vegetated Conca	ve Surrace (	B8) Other (Ex	plain in R	emarks)						
Field Obser		V	No Depth (in	-1							
Surface Wat			_								
Water Table			No Depth (in No Depth (in					resent? Yes No			
Saturation P (includes cap	resent? pillary fringe)	Yes	No Depth (in	icnes):		weti	and Hydrology P	resent? Yes No			
		m gauge, m	onitoring well, aerial	photos, p	revious ins	spections),	if available:				
Remarks:											
Hydrolo	gy present										

Project/Site: 1730 AEP North Delphos - Rockhill De	lineation (	City/Count	<sub>ty:</sub> <u>Lima/All</u>	len	Sampling Date: 2021-12-09		
Applicant/Owner: AEP				State: Ohio	Sampling Point: 4-E UPL		
Investigator(s): C. Kwolek, E. Wilson		Section, T	ownship, Ra	wnship, Range: S020 T003 R007			
				(concave, convex, none):			
Slope (%): 0 Lat: 40.764284	ι	ong: <u>84</u>	.087348		Datum: WGS 84		
Soil Map Unit Name: Pewamo silty clay loam, 0 to	1 percent :	slopes (	PmA)	NWI classifica	ation: N/A		
Are climatic / hydrologic conditions on the site typical for the	nis time of yea	ır? Yes _	✓ No	(If no, explain in Re	emarks.)		
Are Vegetation, Soil, or Hydrology	significantly of	disturbed?	? Are "	'Normal Circumstances" p	resent? Yes No		
Are Vegetation, Soil, or Hydrology	naturally prob	olematic?	(If ne	eeded, explain any answer	rs in Remarks.)		
SUMMARY OF FINDINGS - Attach site map	showing	sampli	ng point le	ocations, transects,	, important features, etc.		
Hydrophytic Vegetation Present? Yes	No						
Hydric Soil Present? Yes			the Sampled		🗸		
Wetland Hydrology Present? Yes	No	Wit	thin a Wetlar	1d? Yes	No		
Remarks:	مامان مناط		dia a a met e a	railraad irraation No	atland suitaria nuosant		
Upland sample point for 4-E. Sample taken wi	tillii upiant	и агеа а	ujacent to	raiiroad junction. No	wetiand criteria present.		
VEGETATION – Use scientific names of plants							
VEGETATION – Ose scientific flames of plants	Absolute	Dominar	nt Indicator	Dominance Test works	sheet:		
Tree Stratum (Plot size: 30 ft r )			Status	Number of Dominant Sp			
1. Ostrya virginiana	70		FACU_	That Are OBL, FACW, o			
2. Quercus palustris	40		FACW_	Total Number of Domina	ant		
3				Species Across All Strat	7		
4				Percent of Dominant Sp	posico		
5				That Are OBL, FACW, o			
Continue (Charles Charles (Diet sine) 15 ft r	110%	= Total Co	over	Prevalence Index work	vehoot:		
Sapling/Shrub Stratum (Plot size: 15 ft r )  1. Amelanchier arborea	25	/	FACU	Total % Cover of:			
2. Quercus palustris	- <del>20</del>		FACW		x 1 = 0		
3				FACW species 60	x 2 = 120		
4.				FAC species 45	x 3 = 135		
5.				FACU species 145	x 4 = 580		
		= Total Co	over	UPL species 10	x 5 = 50		
Herb Stratum (Plot size: 5 ft r )				Column Totals: 260	(A) 885 (B)		
1. Setaria faberi	_ 30		FACU		2.40		
2. Festuca rubra	$-\frac{20}{20}$		- FACU	Prevalence Index			
3. Panicum virgatum	- <del>20</del>		- FAC	Hydrophytic Vegetatio			
4. Setaria pumila			- FAC	1 - Rapid Test for H			
5. Rumex crispus	- <del>10</del>		_ FAC	2 - Dominance Test 3 - Prevalence Inde			
6. Verbascum thapsus			_ <u>UPL</u>		Adaptations <sup>1</sup> (Provide supporting		
7				data in Remarks	s or on a separate sheet)		
8				Problematic Hydrop	ohytic Vegetation¹ (Explain)		
9. 10.							
10.	105%	= Total C	over		and wetland hydrology must		
Woody Vine Stratum (Plot size: 30 ft r )		- Total O	0461	be present, unless distu	rbed or problematic.		
1				Hydrophytic			
2				Vegetation	. No /		
		= Total C	over	Present? Yes	s No		
Remarks: (Include photo numbers here or on a separate	sheet.)						
No dominant hydrophytic vegetati	on pres	ent					
	=						

SOIL Sampling Point: 4-E UPL

Profile Desc	cription: (Describe	e to the dep	oth needed to docu	ment the	indicator	or confin	n the absence of	indicators.)			
Depth	Matrix			x Feature		. 2					
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>		Remarks			
0 - 20	10YR 3/3	_ <u>100</u> _					Clay Loam				
-											
Type: C=C Hydric Soil		pletion, RM	=Reduced Matrix, M	S=Masked	d Sand Gra	ains.		PL=Pore Lining, M=Matrix.  r Problematic Hydric Soils <sup>3</sup> :			
			Sandy	Clayed M	striv (CA)			•			
Histosol (A1) Sandy Gleyed Matrix Histic Epipedon (A2) Sandy Redox (S5)						Coast Pra	airie Redox (A16) face (S7)				
_	istic (A3)			d Matrix (S	-		_	ganese Masses (F12)			
ı —	en Sulfide (A4)				neral (F1)			llow Dark Surface (TF12)			
Stratifie	d Layers (A5)		Loamy	Gleyed M	atrix (F2)		Other (Ex	rplain in Remarks)			
ı —	uck (A10)			d Matrix (							
	d Below Dark Surfa	ce (A11)		Dark Surfa			31 - 4: - 4 6	i havedeen data are ended in a need			
_	ark Surface (A12)  Mucky Mineral (S1)			ed Dark St Depressio	ırface (F7)	)		hydrophytic vegetation and ydrology must be present,			
	ucky Peat or Peat (	S3)	11000	Depressio	113 (1 0)			sturbed or problematic.			
	Layer (if observed										
Type:											
Depth (in	ches):						Hydric Soil Pr	resent? Yes No			
Remarks:											
No hyd	ric soil pres	ent									
HYDROLO	GY										
Wetland Hy	drology Indicators	<b>:</b> :									
Primary Indi	cators (minimum of	one is requ	ired; check all that a	oply)			Secondary	Indicators (minimum of two required)			
Surface	Water (A1)		Water-Sta				Surface	e Soil Cracks (B6)			
—	ater Table (A2)		Aquatic F	auna (B13	)		Drainage Patterns (B10)				
Saturati	, ,		True Aqua		, ,			eason Water Table (C2)			
	Marks (B1)		Hydrogen		, ,			sh Burrows (C8)			
	nt Deposits (B2)		Oxidized			-	—	tion Visible on Aerial Imagery (C9)			
	posits (B3)		Presence		•	,		d or Stressed Plants (D1)			
- '	at or Crust (B4) posits (B5)		Recent Iro			u Solis (C	<i>'</i>	orphic Position (D2) leutral Test (D5)			
ı —	ion Visible on Aeria	Imagery (B	_		. ,			ledital Test (D3)			
_	y Vegetated Conca		<i>,</i> — •								
Field Obser			(		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Surface Wat		Yes	No Depth (in	ches):							
Water Table			No Depth (in								
Saturation P			No Depth (in				land Hydrology P	Present? Yes No			
(includes ca	pillary fringe)										
Describe Re	corded Data (strea	m gauge, m	onitoring well, aerial	photos, pr	evious ins	pections)	if available:				
Domarica											
Remarks:											
I											

Project/Site: 1730 AEP North Delphos - Rockhill Delin	neation c	ity/County	Lima/All	en	Sampling Date: 2021-12-09				
Applicant/Owner: AEP			State: Ohio Sampling Point: 4-F						
Investigator(s): C. Kwolek, E. Wilson	s	Section, To	ownship, Range: S020 T003 R007						
				(concave, convex, none):					
Slope (%): 1 Lat: 40.765032	L	.ong: <u>84.0</u>	089094		Datum: WGS 84				
Soil Map Unit Name: Pewamo silty clay loam, 0 to 1	percent s	olopes (P	mA)	NWI classifica	ation: N/A				
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	No _	(If no, explain in Re	emarks.)				
Are Vegetation, Soil, or Hydrology si	gnificantly d	listurbed?	Are "I	Normal Circumstances" p	resent? Yes No				
Are Vegetation, Soil, or Hydrology na	aturally prob	lematic?	(If ne	eded, explain any answer	rs in Remarks.)				
SUMMARY OF FINDINGS - Attach site map s	showing	samplin	g point lo	ocations, transects,	, important features, etc.				
Hydrophytic Vegetation Present? Yes _ ✓ No	·								
Hydric Soil Present? Yes No			e Sampled						
Wetland Hydrology Present? Yes <u>✓</u> No	·	with	in a Wetlan	id? Yes	No				
Remarks:									
Wetland sample point for PEM 4-F. Wetland stretches along small ditch adjacent to mowed area and railroad tracks. All three wetland criteria present.									
<b>VEGETATION</b> – Use scientific names of plants.									
Tree Stratum (Plot size: 30 ft r )		Dominant		Dominance Test works	sheet:				
<u>Tree Stratum</u> (Plot size: <u>30 ft r</u> ) 1	% Cover			Number of Dominant Sp That Are OBL, FACW, o					
2				Total Number of Domina					
3				Species Across All Strat	ta: <u>3</u> (B)				
4 5				Percent of Dominant Sp That Are OBL, FACW, o					
15 ft r	=	= Total Cov	er er		(***,				
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index work  Total % Cover of:					
1					Multiply by: x 1 = 20				
2					$x = \frac{140}{140}$				
3					x 3 = 0				
4 5					$\times 4 = 0$				
0		Total Cov	er	UPL species 10	x 5 = 50				
Herb Stratum (Plot size: 5 ft r )		10101 001		Column Totals: 100	(A) 210 (B)				
1. Symphyotrichum praealtum	40	<b>_</b>	FACW						
2. Thyrsanthella difformis	30		FACW	Prevalence Index					
3. Carex lupulina	20		OBL	Hydrophytic Vegetatio					
4. Dipsacus laciniatus	10		UPL	1 - Rapid Test for H	, , ,				
5				2 - Dominance Test					
6				✓ 3 - Prevalence Inde					
7				data in Remarks	daptations <sup>1</sup> (Provide supporting s or on a separate sheet)				
8					ohytic Vegetation¹ (Explain)				
9									
10	100%	= Total Cov	er	<sup>1</sup> Indicators of hydric soil be present, unless distu	l and wetland hydrology must irbed or problematic.				
1				Hudronbudio					
2.				Hydrophytic Vegetation					
		= Total Cov	er	Present? Yes	s No				
Remarks: (Include photo numbers here or on a separate s				1					

SOIL Sampling Point: 4-F

I	ription: (Describe	to the depth				or confirm	n the absence of i	indicators.)			
Depth (inches)	Matrix Color (moist)	%	Color (moist)	ox Feature %	es Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks			
0 - 20	10YR 4/1		10YR 5/8	10	C	PL/M	Clay Loam	Komano			
	101111111		10 111 0/0		- —	· - / ····					
<u> </u>											
-											
1											
	oncentration, D=De	pletion, RM=F	Reduced Matrix, M	S=Maske	d Sand Gr	ains.		L=Pore Lining, M=Matrix.			
Hydric Soil			01-	01114	-1:- (0.1)			Problematic Hydric Soils <sup>3</sup> :			
Histosol				Gleyed M				irie Redox (A16)			
I — ·	oipedon (A2) stic (A3)			Redox (S d Matrix (			Dark Surfa	ganese Masses (F12)			
	n Sulfide (A4)				ineral (F1)			low Dark Surface (TF12)			
	d Layers (A5)				latrix (F2)			plain in Remarks)			
ı —	ick (A10)			ed Matrix			_	,			
Depleted	d Below Dark Surfac	ce (A11)		Dark Surf							
Thick Da	ark Surface (A12)		Deplete	ed Dark S	urface (F7	)	<sup>3</sup> Indicators of	hydrophytic vegetation and			
	lucky Mineral (S1)		Redox	Depression	ons (F8)			drology must be present,			
	icky Peat or Peat (S						unless dis	turbed or problematic.			
Restrictive	Layer (if observed)	):									
Type:			_				Hydric Soil Pre	esent? Yes No			
Depth (in	ches):						Tiyane con Tie	163 160			
Remarks:											
Hydric	soil present										
Try dirio .	on present										
HYDROLO	GY										
Wetland Hy	drology Indicators	:									
Primary India	cators (minimum of	one is require	ed; check all that a	pply)			Secondary I	Indicators (minimum of two required)			
Surface	Water (A1)		Water-Sta	ained Lea	ves (B9)		_	e Soil Cracks (B6)			
High Wa	iter Table (A2)		Aquatic F	auna (B1	3)		Drainag	ge Patterns (B10)			
Saturation	on (A3)		True Aqu	atic Plants	s (B14)		Dry-Season Water Table (C2)				
Water M	arks (B1)		Hydrogen		, ,			h Burrows (C8)			
Sedimer	nt Deposits (B2)		Oxidized	Rhizosph	eres on Liv	ing Roots	(C3) Saturat	ion Visible on Aerial Imagery (C9)			
Drift Dep	posits (B3)		Presence	of Reduc	ed Iron (C	4)	Stunted	d or Stressed Plants (D1)			
Algal Ma	at or Crust (B4)		Recent Ire	on Reduc	tion in Tille	d Soils (Ce	_	rphic Position (D2)			
Iron Dep	oosits (B5)		Thin Muc	k Surface	(C7)		✓ FAC-Ne	eutral Test (D5)			
Inundati	on Visible on Aerial	Imagery (B7)	Gauge or	Well Data	a (D9)						
Sparsely	Vegetated Concav	re Surface (B	8) Other (Ex	plain in R	emarks)						
Field Obser		,									
Surface Wat	er Present?	Yes N	o Depth (ir	nches): <u>.5</u>		_					
Water Table	Present?	Yes N	o Depth (ir	nches): 0		_					
Saturation P	resent?	Yes <u>✓</u> N	o Depth (ir	nches): 0		Wetl	and Hydrology P	resent? Yes No			
(includes cap	oillary fringe)										
Describe Re	corded Data (stream	n gauge, mon	ntoring well, aerial	photos, p	revious in	spections),	ıt available:				
Remarks:											
Hydrolo	gy present										
1	<b>5</b> , 1										

Project/Site: 1730 AEP North Delphos - Rockhill Del	ineation C	ity/Coun	<sub>ty:</sub> <u>Lima/All</u>		Sampling Date: 2021-12-09
Applicant/Owner: AEP					. •
Investigator(s): C. Kwolek, E. Wilson	s	ection, 1	Township, Rai	nge: S020 T003 R00	7
				(concave, convex, none):	
Slope (%): 0 Lat: 40.764997	L	ong: <u>8</u> 4	1.089176		Datum: WGS 84
Soil Map Unit Name: Pewamo silty clay loam, 0 to	1 percent s	lopes	(PmA)	NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for thi	is time of year	r? Yes_	✓ No _	(If no, explain in Ro	emarks.)
Are Vegetation, Soil, or Hydrology :	significantly d	isturbed <sup>,</sup>	? Are "	Normal Circumstances" p	oresent? Yes No
Are Vegetation, Soil, or Hydrology	naturally prob	lematic?	(If ne	eded, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showings	sampli	ng point le	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes N	10				
Hydric Soil Present? Yes N	10		the Sampled		
Wetland Hydrology Present? Yes N	10	Wi	thin a Wetlan	id? Yes	No
Remarks: Upland sample point for PEM 4-F. Sample take	n within u	aland a	roa adiaco	ent to railroad junctio	un. No wotland critoria
present.	ii witiiii u	Jianu a	irea aujace	The to raill oad junctio	n. No wetland chtena
VEGETATION – Use scientific names of plants					
20 ft r			nt Indicator	Dominance Test works	sheet:
Tree Stratum (Plot size: 30 ft r )	% Cover		? Status	Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	4
3				Species Across All Strat	ta: <u>1</u> (B)
5				Percent of Dominant Sp That Are OBL, FACW, of	
			over		
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index work	
1				Total % Cover of:  OBL species  0	Multiply by: x 1 = 0
2. 3.					x 2 = 0
4					x 3 = 0
5				FACU species 100	x 4 = <u>400</u>
Lucia Control Eft.	=	Total C	over	UPL species 0	x 5 = 0
Herb Stratum (Plot size: 5 ft r )   1. Festuca rubra	95	/	FACU	Column Totals: 100	(A) <u>400</u> (B)
2. Plantago lanceolata	5		FACU	Prevalence Index	= B/A = 4.0
3				Hydrophytic Vegetatio	
4				1 - Rapid Test for H	
5				2 - Dominance Test	
6				3 - Prevalence Inde	ex is ≤3.0' Adaptations¹ (Provide supporting
7				data in Remarks	s or on a separate sheet)
8 9				Problematic Hydrop	ohytic Vegetation¹ (Explain)
10					
Woody Vine Stratum (Plot size: 30 ft r	100% =	: Total C	over	<sup>1</sup> Indicators of hydric soil be present, unless distu	l and wetland hydrology must urbed or problematic.
1				Hydrophytic	
2				Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate	=	: Total C	over		
	•				
No dominant hydrophytic vegetation	on prese	ent			

SOIL Sampling Point: 4-F UPL

Profile Desc	cription: (Describe	to the depth	needed to docu	ment the i	indicator	or confir	n the absence of ir	ndicators.)			
Depth	Matrix			ox Feature		1 2	Toutous	Demode			
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>		Remarks			
0 - 20	10YR 3/3	_ <u>100</u> _					Clay Loam				
-											
-											
<del>-</del>											
	oncentration, D=De	pletion, RM=R	educed Matrix, N	IS=Masked	d Sand Gra	ains.		=Pore Lining, M=Matrix.			
Hydric Soil	Indicators:						Indicators for	Problematic Hydric Soils <sup>3</sup> :			
Histosol	. ,			Gleyed Ma				rie Redox (A16)			
	pipedon (A2)			Redox (S5			Dark Surfa				
	istic (A3)			d Matrix (S				anese Masses (F12)			
_ , 。	en Sulfide (A4)			Mucky Mir				ow Dark Surface (TF12)			
_	d Layers (A5) uck (A10)			Gleyed Ma ed Matrix (			Other (Exp	lain in Remarks)			
_	d Below Dark Surfac	ce (A11)		Dark Surfa	,						
	ark Surface (A12)	, , ,	_	ed Dark Su			3Indicators of h	ydrophytic vegetation and			
_	Mucky Mineral (S1)			Depressio				drology must be present,			
5 cm Mi	ucky Peat or Peat (S	3)					unless dist	urbed or problematic.			
Restrictive	Layer (if observed)	:									
Туре:			_				Unadala Call Day				
Depth (in	ches):		_				Hydric Soil Pres	sent? Yes No			
Remarks:											
_	ric soil prese										
HYDROLO	GY										
Wetland Hy	drology Indicators	:									
Primary Indi	cators (minimum of	one is required	d; check all that a	pply)			Secondary Ir	ndicators (minimum of two required)			
Surface	Water (A1)		Water-Sta	ained Leav	es (B9)		Surface	Soil Cracks (B6)			
High Wa	ater Table (A2)		Aquatic F	auna (B13	)		Drainage	e Patterns (B10)			
Saturati	on (A3)		True Aqu	atic Plants	(B14)		Dry-Season Water Table (C2)				
Water M	larks (B1)		Hydroger	Sulfide O	dor (C1)		Crayfish	Burrows (C8)			
Sedime	nt Deposits (B2)		Oxidized	Rhizosphe	res on Liv	ing Roots	(C3) Saturation	on Visible on Aerial Imagery (C9)			
Drift De	posits (B3)		Presence	of Reduce	ed Iron (C4	1)	Stunted	or Stressed Plants (D1)			
Algal Ma	at or Crust (B4)		Recent Ir	on Reducti	on in Tille	d Soils (C	6) Geomor	phic Position (D2)			
Iron Dep	posits (B5)		Thin Muc	k Surface (	(C7)		FAC-Ne	utral Test (D5)			
Inundati	on Visible on Aerial	Imagery (B7)	Gauge or	Well Data	(D9)						
Sparsel	y Vegetated Concav	re Surface (B8	) Other (Ex	plain in Re	emarks)						
Field Obser			•								
Surface Wat	er Present?	res No	Depth (ii	nches):		_					
Water Table	Present?	res No	Depth (ii	nches):		_					
	pillary fringe)		Depth (in					esent? Yes No			
Describe Re	corded Data (strean	n gauge, moni	toring well, aerial	pnotos, pr	evious ins	pections)	if available:				
Remarks:											
No hydr	ology prese	nt									
i vo riyur	ology piese	110									

### WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: 1730 AEP North Delphos - Rockhill Delin	neation_c	ity/County:	Lima/All	en	Sampling Date: 2021-12-09
Applicant/Owner: AEP				State: Ohio	Sampling Point: 4-G
Investigator(s): C. Kwolek, E. Wilson	s	ection, Tov	vnship, Ran	nge: S020 T003 R007	7
				(concave, convex, none):	
Slope (%): 1 Lat: 40.765288	L	ong: 84.0	87319		Datum: WGS 84
Soil Map Unit Name: Blount silt loam, end moraine,	0 to 2 per	cent slop	oes (Ble1	A1) NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of year	? Yes	No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology si	gnificantly di	isturbed?	Are "I	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology na				eded, explain any answer	
SUMMARY OF FINDINGS - Attach site map s	showing s	sampling	g point lo	ocations, transects,	, important features, etc.
Hydrophytic Vegetation Present? Yes No	·				
Hydric Soil Present? Yes No			Sampled		
Wetland Hydrology Present? Yes   ✓ No	·	withi	n a Wetlan	d? Yes	No
Remarks:	otoboo ol	ona donn	oooion oo	diagont to railroad tr	calle All three wetland
Wetland sample point for PEM 4-G. Wetland str criteria present.	ettries ait	ong depi	E551011 at	ajacent to rainoad ti	acks. All tillee wetland
VEGETATION – Use scientific names of plants.					
7 0 1 20 ft r		Dominant		Dominance Test works	sheet:
Tree Stratum (Plot size: 30 ft r ) 1.	% Cover			Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	ant _
3				Species Across All Strat	ta: <u>2</u> (B)
4 5				Percent of Dominant Sp That Are OBL, FACW, o	
		Total Cov	er ,		(***,
Sapling/Shrub Stratum (Plot size: 15 ft r )				Prevalence Index work	
1			- 1	Total % Cover of: OBL species 45	
2			- 1		$x 1 = \frac{45}{80}$
3			- 1		$x = \frac{3}{45}$
4					$\begin{array}{c} x 3 = 43 \\ x 4 = 0 \end{array}$
5					
Herb Stratum (Plot size: 5 ft r )		Total Cov	er	UPL species 0 Column Totals: 100	(A) 170 (B)
1. Carex lupulina	45	✓	OBL	Column Totals. 100	(A) <u>17 0</u> (B)
2. Elymus virginicus	40		FACW	Prevalence Index	= B/A = <u>1.7</u>
3. Panicum virgatum	<u>15</u>		FAC	Hydrophytic Vegetatio	
4				✓ 1 - Rapid Test for H	
5				2 - Dominance Test	
6				✓ 3 - Prevalence Inde	
7			——	4 - Morphological A	daptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8					phytic Vegetation <sup>1</sup> (Explain)
9			——		
10	100% =	Total Cov	er	<sup>1</sup> Indicators of hydric soil be present, unless distu	l and wetland hydrology must irbed or problematic.
1			ļ	Hydronbudia	
2.				Hydrophytic Vegetation	
		Total Cov	er	Present? Yes	s No
Remarks: (Include photo numbers here or on a separate s					

SOIL Sampling Point: 4-G

Profile Desc	cription: (Describe	to the depth	needed to docur	nent the	indicator	or confirm	n the absence of	indicators.)			
Depth	Matrix			x Feature							
(inches)	Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks			
0-20	10YR 5/1	<u>90</u> _	10YR 5/8	10	_ <u>C</u>	PL / M	Clay Loam _				
<u> </u>											
-											
<u> </u>											
1											
Hydric Soil	oncentration, D=De	pletion, RM=F	Reduced Matrix, M	S=Maske	d Sand Gr	ains.		PL=Pore Lining, M=Matrix.  r Problematic Hydric Soils <sup>3</sup> :			
'			Candy	Clayed M	atrix (CA)			•			
Histosol	oipedon (A2)			Redox (S	atrix (S4)		Coast Pra	airie Redox (A16) face (S7)			
	istic (A3)			d Matrix (			_	ganese Masses (F12)			
	en Sulfide (A4)				ineral (F1)			llow Dark Surface (TF12)			
I —	d Layers (A5)			-	latrix (F2)		Other (Ex	rplain in Remarks)			
_	ıck (A10)	(4.44)		d Matrix (							
I — ·	d Below Dark Surfac ark Surface (A12)	ce (A11)	_	Dark Surf	ace (F6) urface (F7	`	3Indicators of	hydrophytic vegetation and			
	Mucky Mineral (S1)			Depression	-	,		ydrology must be present,			
	icky Peat or Peat (S	3)			(, -)			sturbed or problematic.			
Restrictive	Layer (if observed)	:									
Type:			_					resent? Yes No			
Depth (in	ches):						Hydric Soil Pr	resent? Yes No			
Remarks:											
Hyarics	soil present										
HYDROLO	GY										
Wetland Hy	drology Indicators	:									
Primary India	cators (minimum of	one is require	d; check all that ap	ply)			Secondary	Indicators (minimum of two required)			
Surface	Water (A1)		Water-Sta	ined Leav	/es (B9)		Surface	e Soil Cracks (B6)			
High Wa	ater Table (A2)		Aquatic Fa	auna (B13	3)		Draina	ge Patterns (B10)			
Saturation	on (A3)		True Aqua	itic Plants	(B14)		Dry-Season Water Table (C2)				
	larks (B1)		Hydrogen		, ,			sh Burrows (C8)			
I —	nt Deposits (B2)		Oxidized F			-	—	tion Visible on Aerial Imagery (C9)			
I —	posits (B3)		Presence		•	,		d or Stressed Plants (D1)			
ı —	at or Crust (B4)		Recent Iro			d Soils (C	_	orphic Position (D2)			
ı —	oosits (B5) on Visible on Aerial	Imageny (B7)	Thin Muck Gauge or		. ,		V FAC-N	leutral Test (D5)			
_	y Vegetated Concav										
Field Obser			<u> </u>								
Surface Wat		res No	o Depth (in	ches):							
Water Table			o Depth (in								
Saturation P	resent?		o Depth (in				and Hydrology P	Present? Yes No			
(includes cap Describe Re	oillary fringe) corded Data (strean	n gauge, mon	itoring well, aerial	photos. n	revious ins	spections).	if available:				
		JJ	, , , , , , , , , , , , , , , , , , ,	,, p		,,					
Remarks:											
Hydrolo	gy present										
-	•										

## WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: 1730 AEP North Delphos - Rockhill Delin	neation c	ity/Cour	<sub>nty:</sub> <u>Lima</u>		Sampling Date: 2021-12-09
Applicant/Owner: AEP					Sampling Point: 4-G/H UPL
Investigator(s): C. Kwolek, E. Wilson	s	Section,	Township,	Range: S020 T003 R00	7
				lief (concave, convex, none):	
Slope (%): 0 Lat: 40.765385	L	.ong: <u>8</u>	4.08740	5	Datum: WGS 84
Soil Map Unit Name: Pewamo silty clay loam, 0 to 1	percent s	lopes	(PmA)	NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of yea	r? Yes	N	o (If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology si	ignificantly d	isturbed	1? A	re "Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology na	aturally prob	lematic	? (	f needed, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing	sampl	ing poir	nt locations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No	·				
Hydric Soil Present? Yes No			the Samp		N= <b>/</b>
Wetland Hydrology Present? Yes No Remarks:		w	itnin a vve	etland? Yes	No
Upland sample point for PEM 4-G and PFO 4-H.	Sample t	aken v	within ur	oland area adiacent to s	tream and PEM, No.
wetland criteria present.	. oampie (	.akcii (	within ap	nana area aajacent to s	aream and r Ewi. No
<b>VEGETATION</b> – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r	Absolute % Cover		nt Indicat		
1				Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina	ant
3				Species Across All Stra	ta: <u>1</u> (B)
4				Percent of Dominant Sp	
5		= Total (	 Cover	— That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Prevalence Index work	ksheet:
1. Lonicera maackii	80			Total % Cover of:	
2. Rhamnus cathartica	20			_	x 1 = 0
3					x = 0 x = 60
4				_	$x = \frac{x}{4} = \frac{33}{0}$
5	100% =	Total (		UPL species 0	x 5 = 0
Herb Stratum (Plot size: 5 ft r )	10070	- Total C	ovei	Column Totals: 20	(A) <u>60</u> (B)
1 2				Prevalence Index	= B/A = 3.0
3.				Hydrophytic Vegetation	
4.				1 - Rapid Test for H	lydrophytic Vegetation
5				2 - Dominance Tes	
6				3 - Prevalence Inde	
7				4 - Morphological A	daptations <sup>1</sup> (Provide supporting sor on a separate sheet)
8					phytic Vegetation <sup>1</sup> (Explain)
9				_	(,,
10					and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )		- Total C	ovei	be present, unless distu	irbed or problematic.
1				Hydrophytic	
2				Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate s	=	Total C	Cover		
No dominant hydrophytic vegetatio	ıı prese	ent			

Soll Sampling Point: 4-G/H UPL

Profile Description	n: (Describe	to the depth	needed to docu	ment the	indicator	or confirm	n the absence of	indicators.)
Depth	Matrix			ox Feature		_Loc²	Tautura	Demode
	olor (moist)		Color (moist)		Type <sup>1</sup>	_LOC		Remarks
<u> 0 - 20</u> <u>10Y</u>	R 3/3	_ <u>100</u> _					Clay Loam _	
<u> </u>								
-								
<del></del>								
<u> </u>								
<sup>1</sup> Type: C=Concent	ration, D=Dep	letion, RM=R	educed Matrix, N	IS=Masked	d Sand Gra	ains.	<sup>2</sup> Location: F	PL=Pore Lining, M=Matrix.
Hydric Soil Indicat	tors:						Indicators for	r Problematic Hydric Soils³:
Histosol (A1)			Sandy	Gleyed Ma	atrix (S4)		Coast Pra	airie Redox (A16)
Histic Epipedor	n (A2)		Sandy	Redox (S5	5)		Dark Surf	ace (S7)
Black Histic (A:	,			ed Matrix (S				ganese Masses (F12)
Hydrogen Sulfi				Mucky Mi				llow Dark Surface (TF12)
1 —	Stratified Layers (A5) Loamy Gleyed Matrix (F2)							plain in Remarks)
2 cm Muck (A1	,	o (A11)		ed Matrix (				
Depleted Below Thick Dark Sur		e (ATT)	_	Dark Surfa ed Dark Sເ	. ,		3Indicators of	hydrophytic vegetation and
Sandy Mucky M	, ,			Depressio				ydrology must be present,
5 cm Mucky Pe		3)		_ op. 000.0	()			sturbed or problematic.
Restrictive Layer (		,						· · · · · · · · · · · · · · · · · · ·
Type:								,
Depth (inches):			_				Hydric Soil Pr	esent? Yes No
Remarks:			_					
No hydric s	on prese							
HYDROLOGY								
Wetland Hydrolog	y Indicators:							
Primary Indicators (	(minimum of o	ne is required	d; check all that a	pply)			Secondary	Indicators (minimum of two required)
Surface Water	(A1)		Water-Sta	ained Leav	es (B9)		Surface	e Soil Cracks (B6)
High Water Tal	ble (A2)		Aquatic F	auna (B13	)		Drainag	ge Patterns (B10)
Saturation (A3)	)		True Aqu	atic Plants	(B14)		Dry-Se	ason Water Table (C2)
Water Marks (E	31)		Hydroger	Sulfide O	dor (C1)		Crayfis	h Burrows (C8)
Sediment Depo	osits (B2)		Oxidized	Rhizosphe	res on Liv	ing Roots	(C3) Saturat	tion Visible on Aerial Imagery (C9)
Drift Deposits (	B3)		Presence	of Reduce	ed Iron (C4	1)	Stunted	d or Stressed Plants (D1)
Algal Mat or Cr	ust (B4)		Recent Ir	on Reducti	on in Tille	d Soils (C	6) Geomo	orphic Position (D2)
Iron Deposits (	,			k Surface (	(C7)		FAC-N	eutral Test (D5)
Inundation Visi	ble on Aerial I	magery (B7)	Gauge or	Well Data	(D9)			
Sparsely Vege	tated Concave	e Surface (B8	) Other (Ex	plain in Re	emarks)			
Field Observations			•					
Surface Water Pres	sent? Y	es No	Depth (ir	nches):		_		
Water Table Preser	nt? Y	es No	Depth (ir	nches):		_		
Saturation Present?		es No	Depth (in	nches):		_ Wetl	and Hydrology P	resent? Yes No
Describe Recorded		gauge, moni	toring well, aerial	photos, pr	evious ins	pections),	if available:	
Remarks:								
	proce:	a t						
No hydrolog	ly preser	IIL						
I								

### WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: 1730 AEP North Delphos - Rockhill Deli	neation_(	City/Cou	<sub>unty:</sub> Lima/All	en	Sampling Date: 2021-12-09
Applicant/Owner: AEP					Sampling Point: 4-H
Investigator(s): C. Kwolek, E. Wilson	;	Section,	, Township, Rai	nge: S020 T003 R007	7
				(concave, convex, none):	
Slope (%): 1 Lat: 40.765482	ו	Long: 8	34.087621		Datum: WGS 84
Soil Map Unit Name: Pewamo silty clay loam, 0 to 1	percent	slopes	s (PmA)	NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	s time of yea	ar? Yes			
Are Vegetation, Soil, or Hydrology s					resent? Yes No
Are Vegetation, Soil, or Hydrology n				eded, explain any answer	
SUMMARY OF FINDINGS – Attach site map				ocations, transects,	, important features, etc.
Hydrophytic Vegetation Present? Yes N	0				
	0	ls	s the Sampled		
Wetland Hydrology Present? Yes _ ✓ N	0	v	within a Wetlan	nd? Yes	No
Remarks:					
Wetland sample point for PFO 4-H. Wetlar	nd stretc	hes w	vithin depre	ession. All three we	etland criteria present.
<b>VEGETATION</b> – Use scientific names of plants.					
20.54	Absolute		nant Indicator	Dominance Test works	sheet:
Tree Stratum (Plot size: 30 ft r ) 1. Populus deltoides	<u>% Cover</u> 40	Specie	es? Status FAC	Number of Dominant Sp	
				That Are OBL, FACW, o	or FAC: 4 (A)
2				Total Number of Domina	_
3 4				Species Across All Strat	ta: <u>5</u> (B)
5				Percent of Dominant Sp That Are OBL, FACW, o	
	40%	= Total	Cover		(,
Sapling/Shrub Stratum (Plot size: 15 ft r )	20	,	FAC	Prevalence Index work	
1. Populus deltoides	15	<del>/</del>		Total % Cover of: ORL species 0	
2. Cornus alba				OBL species 0 FACW species 15	x 1 = 0 x 2 = 30
3				FAC species 115	x = 345
4 5.				FACU species 55	x 4 = 220
	45%	= Total	Cover	UPL species 0	x 5 = 0
Herb Stratum (Plot size: 5 ft r )	45	,	FAC	Column Totals: 185	(A) <u>595</u> (B)
1. Solidago rugosa	45				22
2. Festuca rubra	15		FACU_FACU	Prevalence Index  Hydrophytic Vegetatio	
3. Rubus allegheniensis	. —			1 - Rapid Test for H	
4				2 - Dominance Test	
5				3 - Prevalence Inde	
6				4 - Morphological A	daptations <sup>1</sup> (Provide supporting
8.				data in Remarks	or on a separate sheet)
9.				Problematic Hydrop	ohytic Vegetation¹ (Explain)
10.				1	
20 ft =	100%	= Total	Cover	Indicators of hydric soil be present, unless distu	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r					
1				Hydrophytic Vegetation	
2		= Total		Present? Yes	s No
Remarks: (Include photo numbers here or on a separate s		- TOTAL	COVEI	l	
	,				

SOIL Sampling Point: 4-H

Profile Desc	cription: (Describe	to the depth				or confirm	n the absence of i	ndicators.)
Depth	Matrix			x Feature		1 2	T	Damada
(inches)	Color (moist)		Color (moist)	%_	Type¹_	_Loc²	Texture	Remarks
0 - 20	10YR 5/1	_ <u>90</u>	10YR 5/8	_ <u>10</u>	_ <u>C</u>	PL / M	Clay Loam	
=								
-								
<del>-</del>								
<sup>1</sup> Type: C=C	oncentration, D=De	pletion, RM=F	Reduced Matrix, M	S=Maske	d Sand Gr	ains.	<sup>2</sup> Location: P	L=Pore Lining, M=Matrix.
Hydric Soil	Indicators:						Indicators for	Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1)		Sandy	Gleyed M	atrix (S4)		Coast Prai	irie Redox (A16)
Histic E	pipedon (A2)		Sandy	Redox (S	5)		Dark Surfa	ace (S7)
	istic (A3)			d Matrix (				anese Masses (F12)
	en Sulfide (A4)			-	ineral (F1)			ow Dark Surface (TF12)
_	d Layers (A5)			-	latrix (F2)		Other (Exp	olain in Remarks)
_	uck (A10) d Below Dark Surfa	co (A11)		ed Matrix Dark Surf				
	ark Surface (A12)	ce (ATT)	_		urface (F7	)	<sup>3</sup> Indicators of I	hydrophytic vegetation and
_	Mucky Mineral (S1)			Depression	-	,		rdrology must be present,
	ucky Peat or Peat (S	S3)	_		,			turbed or problematic.
Restrictive	Layer (if observed	):						
Type:			_					
Depth (in	ches):						Hydric Soil Pre	esent? Yes No
Remarks:								
HYDROLO	GY							
Wetland Hy	drology Indicators	:						
Primary Indi	cators (minimum of	one is require	d; check all that a	pply)			Secondary I	ndicators (minimum of two required)
Surface	Water (A1)		Water-Sta	ained Lea	ves (B9)		Surface	Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic F	auna (B1	3)		Drainag	e Patterns (B10)
Saturati	on (A3)		True Aqua	atic Plants	s (B14)		Dry-Sea	ason Water Table (C2)
Water M	larks (B1)		Hydrogen	Sulfide C	dor (C1)		Crayfish	n Burrows (C8)
Sedime	nt Deposits (B2)		Oxidized	Rhizosph	eres on Liv	ing Roots	(C3) Saturati	on Visible on Aerial Imagery (C9)
Drift De	posits (B3)		Presence	of Reduc	ed Iron (C	4)	Stunted	or Stressed Plants (D1)
Algal Ma	at or Crust (B4)		Recent Ire	on Reduc	tion in Tille	d Soils (Ce	6) 🖊 Geomo	rphic Position (D2)
Iron De	oosits (B5)		Thin Muc	k Surface	(C7)		FAC-Ne	eutral Test (D5)
Inundati	on Visible on Aerial	Imagery (B7)	Gauge or	Well Data	a (D9)			
Sparsel	y Vegetated Conca	e Surface (B	3) Other (Ex	plain in R	emarks)			
Field Obser	vations:		_					
Surface Wat	er Present?	Yes No	o Depth (ir	nches):		_		
Water Table	Present?	Yes No	o Depth (ir	nches):		_		
	pillary fringe)		o Depth (ir					resent? Yes No
Describe Re	corded Data (strear	n gauge, mon	itoring well, aerial	pnotos, p	revious in	spections),	if available:	
Remarks:								
Hydrolo	gy present							
	Sy present							

### WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: 1730 AEP North Delphos - Rockhill Deli	ineation_ Ci	ty/County:	Lima/All	en	Sampling Date: 2021-12-09
Applicant/Owner: AEP				State: Ohio	Sampling Point: 4-I
Investigator(s): C. Kwolek, E. Wilson	Se	ection, Tov	vnship, Rar	nge: S020 T003 R007	7
				concave, convex, none):	
Slope (%): 1 Lat: 40.763439	Lo	ong:84.	089834		Datum: WGS 84
Soil Map Unit Name: Blount silt loam, end moraine,	0 to 2 perc	cent slop	es (Ble1/	A1) NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	s time of year	? Yes	No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology s	significantly dis	sturbed?	Are "I	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology r	naturally probl	ematic?	(If ne	eded, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing s	ampling	g point lo	ocations, transects,	, important features, etc.
Hydrophytic Vegetation Present? Yes N	lo				
Hydric Soil Present? Yes N			Sampled		
Wetland Hydrology Present? Yes V	lo	withi	n a Wetlan	d? Yes	No
Remarks:			.1 .1	-1	al
Wetland sample point for PFO 4-I. Wetland pre present.	sent withir	roreste	a aepres	sion off of road. All t	.nree wetland criteria
VEGETATION – Use scientific names of plants.					
7		Dominant		Dominance Test works	sheet:
Tree Stratum (Plot size: 30 ft r ) 1. Populus deltoides	% Cover 3		FAC	Number of Dominant Sp That Are OBL, FACW, or	
2.					( , ,
3.				Total Number of Domina Species Across All Strat	4
4.				•	
5				Percent of Dominant Sp That Are OBL, FACW, or	
Sapling/Shrub Stratum (Plot size: 15 ft r )	90%=	Total Cov	er	Prevalence Index work	reheat:
1. Cornus alba	25	/	FACW	Total % Cover of:	
2					x 1 = 20
3.					x 2 = 170
4.					x 3 = <u>270</u>
5				FACU species 0	x 4 = <u>0</u>
F. 44	25% =	Total Cov	er	UPL species 0	x 5 = <u>0</u>
Herb Stratum (Plot size: 5 ft r   )   1. Symphyotrichum praealtum	60	<b>✓</b>	FACW	Column Totals: 195	(A) <u>460</u> (B)
Typha angustifolia	- $\frac{30}{20}$ -		OBL	Prevalence Index	= B/A = 2.4
3				Hydrophytic Vegetatio	
4				1 - Rapid Test for H	lydrophytic Vegetation
5				✓ 2 - Dominance Test	
6				✓ 3 - Prevalence Inde	ex is ≤3.0 <sup>1</sup>
7.				4 - Morphological A	daptations <sup>1</sup> (Provide supporting
8					or on a separate sheet)
9				Problematic Hydrop	ohytic Vegetation <sup>1</sup> (Explain)
10				<sup>1</sup> Indicators of hydric soil	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	80% =	Total Cov	er	be present, unless distu	
1				Hydrophytic	
2				Vegetation Present? Yes	s No
Pomorko: (Ingludo photo numboro haza az		Total Cov	er	100	
Remarks: (Include photo numbers here or on a separate	sneet.)				
Hydrophytic vegetation present					

SOIL Sampling Point: 4-I

Profile Desc	ription: (Describe	to the depth	needed to docu	nent the	indicator	or confirn	the absence of	indicators.)		
Depth	Matrix			x Feature						
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks		
0 - 20	10YR 4/1	_ <u>90 _ 1</u>	0YR 6/8	10	<u> </u>	PL / M	Clay Loam			
-										
<u> </u>										
¹Type: C=C	oncentration, D=De	nletion PM=P	educed Matrix M	S=Masker	d Sand Gr	aine	<sup>2</sup> Location: P	L=Pore Lining, M=Matrix.		
Hydric Soil		pietion, rtivi–rt	educed Matrix, Mi	0-IVIASKE	a Garia Gi	allis.		Problematic Hydric Soils <sup>3</sup> :		
Histosol			Sandy (	Gleyed Ma	atrix (S4)			irie Redox (A16)		
ı —	oipedon (A2)			Redox (St			Dark Surfa			
I —	istic (A3)			d Matrix (	,		_	ganese Masses (F12)		
Hydroge	Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1)							low Dark Surface (TF12)		
Stratified	d Layers (A5)		Loamy	Gleyed M	atrix (F2)		Other (Ex	plain in Remarks)		
	ıck (A10)			d Matrix (						
	d Below Dark Surfa	ce (A11)	_	Dark Surfa	. ,		2			
I —	ark Surface (A12)				urface (F7	)		hydrophytic vegetation and		
	Sandy Mucky Mineral (S1) Redox Depressions (F8)							ydrology must be present,		
	ucky Peat or Peat (S Layer (if observed	,					uniess dis	turbed or problematic.		
l _										
" —	-1		_				Hydric Soil Pre	esent? Yes No		
Depth (in	cnes):									
Remarks:										
Hvdric s	soil present									
,										
<b>HYDROLO</b>	GY									
Wetland Hy	drology Indicators	:								
Primary India	cators (minimum of	one is required	d: check all that ar	(ylgo			Secondary I	Indicators (minimum of two required)		
Surface	Water (A1)		✓ Water-Sta	ined Leav	es (B9)		Surface	e Soil Cracks (B6)		
I —	ater Table (A2)		Aquatic Fa		, ,			ge Patterns (B10)		
Saturation			True Aqua	,	,		Dry-Season Water Table (C2)			
Water M	,		Hydrogen		, ,		_ ′	h Burrows (C8)		
1 —	nt Deposits (B2)		✓ Oxidized F			ina Roots		ion Visible on Aerial Imagery (C9)		
I —	posits (B3)		Presence			_		d or Stressed Plants (D1)		
1	at or Crust (B4)		Recent Iro			,		rphic Position (D2)		
Iron Dep			Thin Muck				· —	eutral Test (D5)		
I — ·	on Visible on Aerial	Imagery (B7)	Gauge or							
	y Vegetated Concav									
Field Obser		(20	/		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Surface Wat		Yes No	Depth (in	ches).						
Water Table	Present?	Ves No	Depth (in	chee).		_				
Saturation P			Depth (in				and Undralage D	resent? Yes No		
	oillary fringe)	res No	Depth (iii	cries)		_   well	and Hydrology P	resent: res No		
	corded Data (strear	n gauge, moni	toring well, aerial	photos, pi	evious ins	spections),	if available:			
Remarks:										
l leaders la										
Hydrolo	gy present									

### WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: 1730 AEP North Delphos - Rockhill Delii	neation (	City/County	<sub>/:</sub> <u>Lima/All</u>	en Sampling Date	: <u>2021-12-09</u>
Applicant/Owner: AEP				State: Ohio Sampling Point	t: 4-I UPL
Investigator(s): C. Kwolek, E. Wilson		Section, To	wnship, Ra	<sub>nge:</sub> S020 T003 R007	
Landform (hillslope, terrace, etc.): Upland			Local relief	(concave, convex, none): Linear	
				Datum: WGS	84
Soil Map Unit Name: Blount silt loam, end moraine,	0 to 2 pe	rcent slc	pes (Ble1	A1) NWI classification: N/A	
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Yes _	✓ No	(If no, explain in Remarks.)	
Are Vegetation, Soil, or Hydrology si	gnificantly	disturbed?	Are "	Normal Circumstances" present? Yes _	✓ No
Are Vegetation, Soil, or Hydrology na	aturally prol	blematic?	(If ne	eded, explain any answers in Remarks.)	
SUMMARY OF FINDINGS - Attach site map s	showing	samplin	g point l	ocations, transects, important	features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No		ls th	ne Sampled	_	
Wetland Hydrology Present? Yes No		with	nin a Wetlar	nd? Yes No	_
Remarks:					
Upland sample point for PFO 4-I. Sample taken	within up	oland gra	issy area	adjacent to road. No wetland crit	eria present.
<b>VEGETATION</b> – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r )	Absolute % Cover		t Indicator Status	Dominance Test worksheet:	
1				Number of Dominant Species That Are OBL, FACW, or FAC: 0	(A)
2				Total Number of Dominant	
3				Species Across All Strata: 1	(B)
4				Percent of Dominant Species	
5				That Are OBL, FACW, or FAC: 0	(A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		- Total Co	Vei	Prevalence Index worksheet:	
1					ply by:
2				OBL species $\frac{0}{0}$ $\times 1 = \frac{0}{0}$	
3				FACW species $0$ $x = 0$ FAC species $0$ $x = 0$	
4 5				FACU species $\frac{100}{100}$ $x 4 = \frac{40}{100}$	
0			ver	UPL species $0$ $x = 0$	
Herb Stratum (Plot size: 5 ft r )		/	FACU	Column Totals: 100 (A) 40	
1. Festuca rubra Plantago lanceolata	95 5		FACU	Prevalence Index = B/A = 4.0	
				Hydrophytic Vegetation Indicators:	
3 4				1 - Rapid Test for Hydrophytic Veg	etation
5.				2 - Dominance Test is >50%	
6				3 - Prevalence Index is ≤3.0 <sup>1</sup>	
7				4 - Morphological Adaptations <sup>1</sup> (Production of the data in Remarks or on a separa	
8				Problematic Hydrophytic Vegetatio	· · · · · · · · · · · · · · · · · · ·
9					` ' '
10	100%	= Total Co		<sup>1</sup> Indicators of hydric soil and wetland hy	
Woody Vine Stratum (Plot size: 30 ft r )		- Total Co	VCI	be present, unless disturbed or problem	natic.
1				Hydrophytic	
2				Vegetation   Present?   Yes No _	<u> </u>
Remarks: (Include photo numbers here or on a separate s	heet.)	= Total Co	ver		
	,	on±			
No dominant hydrophytic vegetatio	ıı pres	ent			

SOIL Sampling Point: 4-I UPL

			rm the absence of ind	icators.)
	Redox Features	Type <sup>1</sup> Loc <sup>2</sup>	- Touture	Domorko
0 00 10VD 2/2 100	r (moist) %	Type Loc		Remarks
<u>0 - 20</u> <u>10YR 3/3</u> <u>100</u>			Clay Loam	
_ <del>_</del>				
_ <del>_</del>				
-				
<del></del>				
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=Reduce Hydric Soil Indicators:	d Matrix, MS=Masked S	Sand Grains.		Pore Lining, M=Matrix. roblematic Hydric Soils³:
Histosol (A1)	Sandy Gleyed Matr			Redox (A16)
Histic Epipedon (A2)	Sandy Redox (S5)		Dark Surface	
Black Histic (A3)	Stripped Matrix (S6	,		ese Masses (F12) Dark Surface (TF12)
Hydrogen Sulfide (A4) Stratified Layers (A5)	Loamy Mucky Mine Loamy Gleyed Mat			in in Remarks)
2 cm Muck (A10)	Depleted Matrix (F:		Other (Expla	iii iii Keiliaiks)
Depleted Below Dark Surface (A11)	Redox Dark Surfac	*		
Thick Dark Surface (A12)	Depleted Dark Surf	face (F7)	<sup>3</sup> Indicators of hyd	drophytic vegetation and
Sandy Mucky Mineral (S1)	s (F8)	wetland hydro	ology must be present,	
5 cm Mucky Peat or Peat (S3)			unless distur	bed or problematic.
Restrictive Layer (if observed):				
Type:			Hydric Soil Prese	ent? Yes No
Depth (inches):			,	
HYDROLOGY				
HYDROLOGY Wetland Hydrology Indicators:				
	ck all that apply)		Secondary Ind	icators (minimum of two required)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; chec  Surface Water (A1)	Water-Stained Leaves	s (B9)	Surface So	oil Cracks (B6)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; checking the control of the cont	Water-Stained Leaves Aquatic Fauna (B13)	, ,	Surface So Drainage I	pil Cracks (B6) Patterns (B10)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; chec  Surface Water (A1)  High Water Table (A2)  Saturation (A3)	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I	B14)	Surface So Drainage I Dry-Seaso	oil Cracks (B6) Patterns (B10) on Water Table (C2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the control of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd	B14) or (C1)	Surface Some Some Some Some Some Some Some Som	pil Cracks (B6) Patterns (B10) In Water Table (C2) urrows (C8)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the control of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere	B14) or (C1) es on Living Roots	Surface Some Drainage In Dry-Season Crayfish Box (C3) Saturation	pil Cracks (B6) Patterns (B10) In Water Table (C2) In Water Table (C2) In Water Table (C9) Visible on Aerial Imagery (C9)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the control of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced	B14) or (C1) es on Living Roots I Iron (C4)	Surface So Drainage I Dry-Seaso Crayfish B s (C3) Saturation Stunted or	Dil Cracks (B6) Patterns (B10) In Water Table (C2) In Water Table (C3) In Water Table
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the control of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction	B14) or (C1) es on Living Roots I Iron (C4) n in Tilled Soils (C	Surface So Drainage I Dry-Seaso Crayfish B s (C3) Saturation Stunted or Geomorph	Dil Cracks (B6) Patterns (B10) In Water Table (C2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the control of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C	B14) or (C1) es on Living Roots I Iron (C4) n in Tilled Soils (C	Surface So Drainage I Dry-Seaso Crayfish B s (C3) Saturation Stunted or	Dil Cracks (B6) Patterns (B10) In Water Table (C2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the control of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C Gauge or Well Data (I	B14) or (C1) es on Living Roots I Iron (C4) n in Tilled Soils (C	Surface So Drainage I Dry-Seaso Crayfish B s (C3) Saturation Stunted or Geomorph	Dil Cracks (B6) Patterns (B10) In Water Table (C2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the control of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C Gauge or Well Data (I	B14) or (C1) es on Living Roots I Iron (C4) n in Tilled Soils (C	Surface So Drainage I Dry-Seaso Crayfish B s (C3) Saturation Stunted or Geomorph	Dil Cracks (B6) Patterns (B10) In Water Table (C2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the control of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C Gauge or Well Data (I Other (Explain in Rem	B14) or (C1) es on Living Roots I Iron (C4) in in Tilled Soils (C7) D9) narks)	Surface So Drainage I Dry-Seaso Crayfish B s (C3) Saturation Stunted or Geomorph	Dil Cracks (B6) Patterns (B10) In Water Table (C2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the control of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C Gauge or Well Data (I Other (Explain in Rem	B14) or (C1) es on Living Roots I Iron (C4) in in Tilled Soils (C7) D9) harks)	Surface So Drainage I Dry-Seaso Crayfish B s (C3) Saturation Stunted or Geomorph	Dil Cracks (B6) Patterns (B10) In Water Table (C2)
Primary Indicators (minimum of one is required; checomological characteristics)  — Surface Water (A1)  — High Water Table (A2)  — Saturation (A3)  — Water Marks (B1)  — Sediment Deposits (B2)  — Drift Deposits (B3)  — Algal Mat or Crust (B4)  — Iron Deposits (B5)  — Inundation Visible on Aerial Imagery (B7)  — Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present? Yes No	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C Gauge or Well Data (I Other (Explain in Rem Depth (inches):	B14) or (C1) es on Living Roots I Iron (C4) n in Tilled Soils (C7) D9) narks)	Surface Some Solution of Solution of Stundard Solution of Stunted or Solution of Solution	pil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) iic Position (D2) ral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the content of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C Gauge or Well Data (I Other (Explain in Rem Depth (inches): Depth (inches):	B14) or (C1) es on Living Roots I Iron (C4) in in Tilled Soils (C7) D9) harks) We	Surface So Surface So Drainage I Dry-Seaso Crayfish B S (C3) Saturation Stunted or Geomorph FAC-Neutr	Dil Cracks (B6) Patterns (B10) In Water Table (C2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the content of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C Gauge or Well Data (I Other (Explain in Rem Depth (inches): Depth (inches):	B14) or (C1) es on Living Roots I Iron (C4) in in Tilled Soils (C7) D9) harks) We	Surface So Surface So Drainage I Dry-Seaso Crayfish B S (C3) Saturation Stunted or Geomorph FAC-Neutr	pil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) iic Position (D2) ral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the content of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C Gauge or Well Data (I Other (Explain in Rem Depth (inches): Depth (inches):	B14) or (C1) es on Living Roots I Iron (C4) in in Tilled Soils (C7) D9) harks) We	Surface So Surface So Drainage I Dry-Seaso Crayfish B S (C3) Saturation Stunted or Geomorph FAC-Neutr	pil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) iic Position (D2) ral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the content of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C Gauge or Well Data (I Other (Explain in Rem Depth (inches): Depth (inches):	B14) or (C1) es on Living Roots I Iron (C4) in in Tilled Soils (C7) D9) harks) We	Surface So Surface So Drainage I Dry-Seaso Crayfish B S (C3) Saturation Stunted or Geomorph FAC-Neutr	pil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) iic Position (D2) ral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required; check of the content of the cont	Water-Stained Leaves Aquatic Fauna (B13) True Aquatic Plants (I Hydrogen Sulfide Odd Oxidized Rhizosphere Presence of Reduced Recent Iron Reduction Thin Muck Surface (C Gauge or Well Data (I Other (Explain in Rem Depth (inches): Depth (inches):	B14) or (C1) es on Living Roots I Iron (C4) in in Tilled Soils (C7) D9) harks) We	Surface So Surface So Drainage I Dry-Seaso Crayfish B S (C3) Saturation Stunted or Geomorph FAC-Neutr	pil Cracks (B6) Patterns (B10) on Water Table (C2) urrows (C8) Visible on Aerial Imagery (C9) Stressed Plants (D1) iic Position (D2) ral Test (D5)

### WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: 1732 Lima-Kalida 69kV Retirement	Ci	ty/County	: Gomer/A		Sampling Date: 2021-12-07
Applicant/Owner: AEP					
Investigator(s): C. Kwolek, E. Wilson	Se	ection, To	wnship, Rar	nge: S028 T002 R00	6
Landform (hillslope, terrace, etc.): Depression			Local relief (	(concave, convex, none):	Concave
Slope (%): 1 Lat: 40.835409	Lo	ng: <u>-</u> 84	.175686		Datum: WGS 84
Soil Map Unit Name: Pewamo silty clay loam, 0 to 1	percent sl	opes (F	mA)	NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	time of year	? Yes	✓ No	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology signature.	gnificantly di	sturbed?	Are "I	Normal Circumstances" p	present? Yes No
Are Vegetation, Soil, or Hydrology na	aturally probl	ematic?	(If ne	eded, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS - Attach site map s	howing s	amplin	g point lo	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No					
Hydric Soil Present? Yes No			e Sampled		N-
Wetland Hydrology Present? Yes   ✓ No		with	in a Wetlan	id? Tes	No
Remarks: Wetland sample point for PEM 5-A. PEM stretch	es alongs	ida hiak	way in di	tch All three wetlan	nd critoria present
Wettand sample point for FEW 3-A. FEW Stretch	ies alongs	ide riigi	iway iii di	ich. All three wettan	id criteria present.
<b>VEGETATION</b> – Use scientific names of plants.					
00 (+			Indicator	Dominance Test work	sheet:
1	% Cover			Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domin	
3				Species Across All Stra	ta: <u>1</u> (B)
4.       5.				Percent of Dominant Sp That Are OBL, FACW, of	
Sapling/Shrub Stratum (Plot size: 15 ft r )	=	Total Cov	/er	Prevalence Index worl	ksheet:
1				Total % Cover of:	Multiply by:
2				OBL species 100	x 1 = <u>100</u>
3				FACW species 0	x 2 = <u>0</u>
4					x 3 = <u>0</u>
5					x 4 = 0
Herb Stratum (Plot size: 5 ft r )	=	Total Cov	/er		x = 0
1. Typha angustifolia	100	✓	OBL	Column Totals: 100	(A) <u>100</u> (B)
2.				Prevalence Index	= B/A = <u>1.0</u>
3				Hydrophytic Vegetation	on Indicators:
4				✓ 1 - Rapid Test for ⊦	Hydrophytic Vegetation
5				2 - Dominance Tes	t is >50%
6				3 - Prevalence Inde	
7				4 - Morphological A	Adaptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8					phytic Vegetation <sup>1</sup> (Explain)
9					(,
10	100% =	Total Car		<sup>1</sup> Indicators of hydric soil	l and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	10070	Total Cov	/ei	be present, unless distu	ırbed or problematic.
1				Hydrophytic	
2				Vegetation Present? Yes	s No
Remarks: (Include photo numbers here or on a separate si		TOTAL COV	/GI		
Hydrophytic vegetation present	,				

SOIL Sampling Point: 5-A

Profile Desc	cription: (Describ	e to the dept	h needed to docu	ment the	indicator	or confin	m the absence of indicators.)	
Depth	Matrix		Redo	ox Feature	s			
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup>		
0 - 20	10YR 4/1	95	10YR 4/6	5	С	PL	Clay Loam	
								_
							· ——	—
_								
<u> </u>					- —		·	—
<u> </u>							·	
<sup>1</sup> Type: C=C	oncentration, D=De	epletion, RM=	Reduced Matrix, M	S=Maske	d Sand G	ains.	<sup>2</sup> Location: PL=Pore Lining, M=Matrix.	
Hydric Soil	Indicators:						Indicators for Problematic Hydric Soils <sup>3</sup> :	
Histosol	(A1)		Sandy	Gleyed Ma	atrix (S4)		Coast Prairie Redox (A16)	
Histic E	pipedon (A2)		Sandy	Redox (S	5)		Dark Surface (S7)	
Black H	istic (A3)		Strippe	d Matrix (	36)		Iron-Manganese Masses (F12)	
Hydroge	en Sulfide (A4)		Loamy	Mucky Mi	neral (F1)		Very Shallow Dark Surface (TF12)	
_	d Layers (A5)			Gleyed M			Other (Explain in Remarks)	
	uck (A10)		Deplete	ed Matrix (	F3)			
1	d Below Dark Surfa	ice (A11)	_	Dark Surfa			•	
	ark Surface (A12)			ed Dark Si		)	<sup>3</sup> Indicators of hydrophytic vegetation and	
	Mucky Mineral (S1)		Redox	Depression	ns (F8)		wetland hydrology must be present,	
	ucky Peat or Peat (	-					unless disturbed or problematic.	
	Layer (if observed	1):						
Type:							Hydric Soil Present? Yes No	
Depth (in	ches):						Hydric Soil Fresent? Tes No	_
Remarks:							•	
	·							
HYDROLO	GY							
Wetland Hy	drology Indicator	s:						
Primary Indi	cators (minimum of	one is requir	ed; check all that a	pply)			Secondary Indicators (minimum of two require	red)
✓ Surface	Water (A1)		Water-Sta	ained Leav	res (B9)		Surface Soil Cracks (B6)	
	ater Table (A2)		Aquatic F		, ,		Drainage Patterns (B10)	
✓ Saturati			True Aqua				Dry-Season Water Table (C2)	
ı —	farks (B1)		Hydrogen				Crayfish Burrows (C8)	
1	nt Deposits (B2)		✓ Oxidized			vina Roots		3)
	posits (B3)		Presence	-		-	Stunted or Stressed Plants (D1)	,
I —	at or Crust (B4)		Recent Iro		•	,		
Iron De	. ,		Thin Mucl			· a o · i o · ( o	✓ FAC-Neutral Test (D5)	
I — .	on Visible on Aeria	I Imagery (B7	_		. ,			
ı —			38) Other (Ex					
Field Obser		ve ourrace (E	Other (Ex	plantint	Jiliai Koj			
		V / N	No Depth (in	h\. 1				
Surface Wat						-		
Water Table			No Depth (ir			-		
Saturation P	resent? pillary fringe)	Yes N	No Depth (in	iches): <u>U</u>		Wet	tland Hydrology Present? Yes No	—
		m gauge, mo	nitoring well, aerial	photos, p	revious in	spections)	, if available:	
Remarks:								

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 1732 Lima-Kalida 69kV Retirement	City/Cou	<sub>inty:</sub> Gomer/Allen	s	Sampling Date: 2021-12-07
Applicant/Owner: AEP			State: Ohio	Sampling Point: 5-A UPL
Investigator(s): C. Kwolek, E. Wilson				
Landform (hillslope, terrace, etc.): Upland, Hillslope				Slope (%): 0
Subregion (LRR or MLRA): M Lat:				
				ion: N/A
Are climatic / hydrologic conditions on the site typical for				
Are Vegetation, Soil, or Hydrology				
Are Vegetation, Soil, or Hydrology				
			xplain any answers	·
SUMMARY OF FINDINGS – Attach site ma	ap showing samp	ling point locatio	ns, transects, i	mportant features, etc.
Hydrophytic Vegetation Present? Yes	No 🗸 Is	the Sampled Area		_
Hydric Soil Present? Yes	No 🔽	vithin a Wetland?	Yes	. No <u> </u>
Hydrophytic Vegetation Present?         Yes           Hydric Soil Present?         Yes           Wetland Hydrology Present?         Yes	No If	yes, optional Wetland	Site ID:	
Remarks: (Explain alternative procedures here or in a	separate report.)			
Upland sample point for PEM 5-A.	Sample taken	within mowed	l highway slo	ope. No wetland
criteria present.	·			•
HYDROLOGY				
Wetland Hydrology Indicators:			Secondary Indicato	ors (minimum of two required)
Primary Indicators (minimum of one is required; check	all that apply)		Surface Soil Ci	
	Water-Stained Leaves (		Drainage Patte	
	Aquatic Fauna (B13)		Moss Trim Line	
	Marl Deposits (B15)			ater Table (C2)
	Hydrogen Sulfide Odor		Crayfish Burrow	
				ble on Aerial Imagery (C9)
	Presence of Reduced Ir		Stunted or Stre	
	Recent Iron Reduction i		Geomorphic Po	
	Thin Muck Surface (C7)		Shallow Aquita	
	Other (Explain in Rema	rks)	Microtopograpl	
Sparsely Vegetated Concave Surface (B8)			FAC-Neutral To	est (D5)
Field Observations:	Donth (inches)			
Surface Water Present? Yes No V Water Table Present? Yes No V				
Saturation Present? Yes No			vdrology Present?	? Yes No_ <b>✓</b>
(includes capillary fringe)				16310
Describe Recorded Data (stream gauge, monitoring we	ell, aerial photos, previc	ous inspections), if avai	ilable:	
Remarks:				
No wetland hydrology present				
Wettand Hydrology present				

**VEGETATION** – Use scientific names of plants.

	Absolute	Dominant Indicator	Dominance Test weeksheets
Tree Stratum (Plot size: 30 ft r )	% Cover	Species? Status	Dominance Test worksheet:
1.			Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.			(i,i)
			Total Number of Dominant Species Across All Strata: 1 (B)
3			Species Across All Strata: [B]
4			Percent of Dominant Species
5			That Are OBL, FACW, or FAC: 0 (A/B)
6.			Duevel en en la devivir alvebret.
7.			Prevalence Index worksheet:
·	_		Total % Cover of: Multiply by:
		= Total Cover	OBL species $\frac{0}{0}$ $x = \frac{0}{0}$
Sapling/Shrub Stratum (Plot size: 15 ft r )			FACW species $\frac{0}{2}$ $\times 2 = \frac{0}{2}$
1			FAC species $\frac{0}{100}$ x 3 = $\frac{0}{100}$
2.			FACU species 100 x 4 = 400
			UPL species <u>0</u>
3			Column Totals: 100 (A) 400 (B)
4	_		40
5			Prevalence Index = B/A = 4.0
6			Hydrophytic Vegetation Indicators:
			1 - Rapid Test for Hydrophytic Vegetation
7			2 - Dominance Test is >50%
		= Total Cover	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5 ft r )			4 - Morphological Adaptations <sup>1</sup> (Provide supporting
1. Lolium perenne	100	✓ FACU	data in Remarks or on a separate sheet)
2.			Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3			<sup>1</sup> Indicators of hydric soil and wetland hydrology must
4	_		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.
		· ———	Woody vines – All woody vines greater than 3.28 ft in
12	4000/		height.
	100%	= Total Cover	
Woody Vine Stratum (Plot size: 30 ft r )			
1			
2.			
3		. — — — — —	Hydrophytic
4			Vegetation Present? Yes No _✓
		= Total Cover	
Remarks: (Include photo numbers here or on a separate	sheet.)		'
No hydrophytic vocatation procent			
No hydrophytic vegetation present			

Sampling Point: 5-A UPL

SOIL Sampling Point: 5-A UPL

Profile Desc	ription: (Describe	to the dept	h needed to docum	ent the i	indicator	or confirn	n the absence of	indicators.)
Depth	Matrix			<u>Feature</u>	s1	. 2		
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0 - 20	10YR 3/3	100					Clay Loam	
-								
-	-	· —— -	_					
-								
_								
-	-							
	-	<del></del>	_	-				-
				-				
-								
	-			-				
<u> </u>								
<sup>1</sup> Type: C=Co	oncentration, D=Dep	letion, RM=	Reduced Matrix, MS	=Masked	d Sand Gr	ains	<sup>2</sup> Location: F	L=Pore Lining, M=Matrix.
Hydric Soil I							Indicators for	Problematic Hydric Soils <sup>3</sup> :
Histosol		_	Polyvalue Below	/ Surface	(S8) ( <b>LR</b>	R R,		k (A10) ( <b>LRR K, L, MLRA 149B</b> )
	pipedon (A2)		MLRA 149B)	(00) (				nirie Redox (A16) (LRR K, L, R)
Black His	stic (A3) n Sulfide (A4)	-	Thin Dark Surfac Loamy Mucky M					ky Peat or Peat (S3) ( <b>LRR K, L, R</b> ) ace (S7) ( <b>LRR K, L</b> )
	I Layers (A5)	_	Loamy Gleyed N			<b>.</b> , <b>∟</b> )		Below Surface (S8) (LRR K, L)
	d Below Dark Surfac	e (A11)	Depleted Matrix		• •			Surface (S9) ( <b>LRR K, L</b> )
	ark Surface (A12)	-	Redox Dark Sur					ganese Masses (F12) ( <b>LRR K, L, R</b> )
	lucky Mineral (S1)	-	Depleted Dark S		7)			Floodplain Soils (F19) (MLRA 149B)
	Sleyed Matrix (S4)	-	Redox Depressi	ons (F8)				odic (TA6) ( <b>MLRA 144A, 145, 149B</b> )
	edox (S5) Matrix (S6)							nt Material (F21) low Dark Surface (TF12)
	rface (S7) ( <b>LRR R, N</b>	/ILRA 149B	)					plain in Remarks)
	(= : ) (= : : : : ; ::		,					,
	hydrophytic vegeta		land hydrology must	be prese	ent, unles	s disturbed	l or problematic.	
Restrictive L	_ayer (if observed):							
Type:								,
Depth (inc	ches):						Hydric Soil Pr	esent? Yes No
Remarks:							1	
No hydri	c soil preser	nt						
No myan	c 3011 preser							

### WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: 1732 Lima-Kalida 69kV Retirement	County: Gomer/	Allen	Sampling Date: 2021-12-07			
Applicant/Owner: AEP		State: Ohio Sampling Point: 5-B				
Investigator(s): C. Kwolek, E. Wilson	Secti	ion, Township, Rai	nge: S028 T002 R00	ô		
			(concave, convex, none):	_		
Slope (%): 1 Lat: 40.841439	Long	: <u>-84.176074</u>		Datum: WGS 84		
Soil Map Unit Name: Saranac silty clay loam, 0 to 2 per	rcent slopes,	frequently flood	led (SbA) NWI classific	ation: N/A		
Are climatic / hydrologic conditions on the site typical for this	time of year?	Yes No	(If no, explain in Re	emarks.)		
Are Vegetation, Soil, or Hydrology signs and	gnificantly distu	rbed? Are "	Normal Circumstances" p	resent? Yes No		
Are Vegetation, Soil, or Hydrology na						
SUMMARY OF FINDINGS - Attach site map s	showing sar	npling point l	ocations, transects	, important features, etc.		
Hydrophytic Vegetation Present? Yes No						
Hydric Soil Present? Yes No		Is the Sampled		N -		
Wetland Hydrology Present? Yes V	·	within a Wetlar	id? Yes	No		
Remarks: Wetland sample point for PEM 5-B. PEM stretch	os alona do	proceion with a	stroom running throu	igh All three wetland		
criteria present.	ies along de	pression with s	stream running tinou	gn. All tillee wetland		
VEGETATION – Use scientific names of plants.						
- 20 ft r		minant Indicator	Dominance Test works	sheet:		
1	% Cover Spe	ecies? Status	Number of Dominant Sp That Are OBL, FACW, o	•		
2			Total Number of Domina	ant		
3			Species Across All Strat	ta: <u>2</u> (B)		
4 5.			Percent of Dominant Sp			
	= To	tal Cover	That Are OBL, FACW, o	or FAC: 100 (A/B)		
Sapling/Shrub Stratum (Plot size: 15 ft r )			Prevalence Index work	ksheet:		
1			Total % Cover of:			
2				x 1 = 30		
3			I	x 2 = 110		
4			FAC species 0			
5			FACU species 15	x 4 = 60 x 5 = 0		
Herb Stratum (Plot size: 5 ft r )	= To	tal Cover	UPL species 0 Column Totals: 100			
1. Phalaris arundinacea	40	✓ FACW	Column Totals: 100	(A) <u>200</u> (B)		
2. Carex Iurida	30	✓ OBL	Prevalence Index	= B/A = <u>2.0</u>		
3. Elymus virginicus	15	FACW	Hydrophytic Vegetatio	n Indicators:		
4. Dactylis glomerata	10	FACU_	✓ 1 - Rapid Test for H	lydrophytic Vegetation		
5. Oenothera biennis	<u>5</u>	FACU_	2 - Dominance Tes			
6			✓ 3 - Prevalence Inde			
7				daptations <sup>1</sup> (Provide supporting s or on a separate sheet)		
8			1	phytic Vegetation <sup>1</sup> (Explain)		
9				Anytio Cogotation (Explain)		
10	100% -		<sup>1</sup> Indicators of hydric soil	and wetland hydrology must		
Woody Vine Stratum (Plot size: 30 ft r	<u>100%</u> = To		be present, unless distu	rbed or problematic.		
1			Hydrophytic			
2		4-1-0	Vegetation   Present? Yes	s No		
Remarks: (Include photo numbers here or on a separate si		tal Cover				
	,					
Hydrophytic vegetation present						

SOIL Sampling Point: 5-B

Profile Desc	cription: (Describe	to the depti	h needed to docu	ment the	indicator	or confin	m the absence of inc	licators.)
Depth	Matrix		Redo	x Feature	s			
(inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0 - 20	10YR 4/1	95	10YR 4/6	5	С	PL	Clay Loam	
-								
<u> </u>								
l								
-								
<del>-</del>								
<del></del>					. ——			
	oncentration, D=De	pletion, RM=I	Reduced Matrix, M	S=Masked	d Sand Gr	ains.		Pore Lining, M=Matrix.
Hydric Soil	Indicators:							roblematic Hydric Soils <sup>3</sup> :
Histosol	, ,			Gleyed Ma				Redox (A16)
	oipedon (A2)			Redox (S5			Dark Surface	, ,
	istic (A3)			d Matrix (S				ese Masses (F12)
	en Sulfide (A4) d Layers (A5)			Mucky Mi				/ Dark Surface (TF12)
_	uck (A10)			Gleyed M ed Matrix (			Offier (Expla	in in Remarks)
	d Below Dark Surfa	ce (A11)		Dark Surfa	-			
	ark Surface (A12)	50 (/ 1/ 1/	_	ed Dark Su		)	3Indicators of hy	drophytic vegetation and
	flucky Mineral (S1)			Depressio		,	-	ology must be present,
	ıcky Peat or Peat (S	33)	_		, ,			bed or problematic.
	Layer (if observed)							
Type:								
Depth (in	ches):		_				Hydric Soil Prese	ent? Yes No
Remarks:								
<b>HYDROLO</b>	GY							
Wetland Hy	drology Indicators	:						
Primary India	cators (minimum of	one is require	ed; check all that a	oply)			Secondary Ind	icators (minimum of two required)
✓ Surface	Water (A1)		Water-Sta	ined Leav	es (B9)		Surface S	oil Cracks (B6)
✓ High Wa	ater Table (A2)		Aquatic F	auna (B13	5)		Drainage	Patterns (B10)
✓ Saturation			True Aqua	atic Plants	(B14)		Dry-Seaso	on Water Table (C2)
Water M	larks (B1)		Hydrogen	Sulfide O	dor (C1)		Crayfish B	Burrows (C8)
Sedimer	nt Deposits (B2)					ing Roots		Visible on Aerial Imagery (C9)
Drift Dep	posits (B3)		Presence	of Reduce	ed Iron (C	4)	Stunted or	Stressed Plants (D1)
Algal Ma	at or Crust (B4)		Recent Iro	on Reducti	ion in Tille	d Soils (C	6) <u>✓</u> Geomorph	nic Position (D2)
Iron Dep	posits (B5)		Thin Mucl	Surface	(C7)		FAC-Neut	ral Test (D5)
Inundati	on Visible on Aerial	Imagery (B7)	) Gauge or	Well Data	(D9)			
Sparsely	y Vegetated Concav	e Surface (B	8) Other (Ex	plain in Re	emarks)			
Field Obser	vations:	_						
Surface Wat	er Present?	Yes N	lo Depth (ir	iches): 1		_		
Water Table	Present?	Yes <u>✓</u> N	lo Depth (ir	iches): 0		_		
Saturation P	resent?	Yes <u></u> ✓ N	lo Depth (in	iches): 0		Wet	land Hydrology Pres	sent? Yes No
(includes cap	oillary fringe) corded Data (strear	n aguan mor	nitoring well periol	nhotos n	ovious in	anactions)	if available:	
Describe Re	colueu Dala (Sileal	n gauge, mor	morning well, aerial	ριισισό, βι	CVIOUS III	speciions)	, ii avaliable.	
Remarks:								

### WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: 1/32 Lima-Kalida 69kV Retirement	(	City/Co	ounty:	Gomer/	Allen Sampling Date: 2021-12-07
Applicant/Owner: AEP					State: Ohio Sampling Point: 5-B/C UPL
Investigator(s): C. Kwolek, E. Wilson	;	Section	n, Towi	nship, Ra	nge: S028 T002 R006
Landform (hillslope, terrace, etc.): Upland			Lo	cal relief	(concave, convex, none): Linear
Slope (%): 0 Lat: 40.841713		Long: _	-84.1	76214	Datum: WGS 84
Soil Map Unit Name: Cygnet Ioam, 0 to 3 percent	slopes (Cy	/A)			NWI classification: N/A
Are climatic / hydrologic conditions on the site typical for t	his time of yea	ar? Ye	es	No _	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	significantly	disturb	ed?	Are °	"Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology	naturally pro	blemat	tic?	(If ne	eeded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing	sam	pling	point l	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No 🗸				
Hydric Soil Present? Yes	No			Sampled	_
Wetland Hydrology Present? Yes	No		within	a Wetlar	nd? Yes No
Remarks:			•	,	
Upland sample point for wetlands 5-B and 5-	C. Sample 1	taken	ı withi	n mow	ed area. No wetland criteria present.
VEGETATION – Use scientific names of plant					
VEGETATION — Ose scientific flames of plant	Absolute	Domi	inant li	ndicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30 ft r )	% Cover				Number of Dominant Species
1					That Are OBL, FACW, or FAC: 0 (A)
2					Total Number of Dominant Species Across All Strata: 2 (B)
3 4					Species Across All Strata: 2 (B)
5					Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
			al Cove	r	
Sapling/Shrub Stratum (Plot size: 15 ft r )					Prevalence Index worksheet:
1					
2. 3.					FACW species 0 x 2 = 0
4					FAC species $0 \times 3 = 0$
5					FACU species 100 x 4 = 400
Luci out a govern 5 ft r		= Tota	al Cove	r	UPL species $0 \times 5 = 0$
Herb Stratum (Plot size: 5 ft r )  1 Festuca rubra	75	/	/ F	ACU	Column Totals: <u>100</u> (A) <u>400</u> (B)
7. Trifolium pratense	25		<u> </u>	ACU	Prevalence Index = B/A = 4.0
3.					Hydrophytic Vegetation Indicators:
4					1 - Rapid Test for Hydrophytic Vegetation
5					2 - Dominance Test is >50%
6					3 - Prevalence Index is ≤3.0 <sup>1</sup> 4 - Morphological Adaptations <sup>1</sup> (Provide supporting
7					data in Remarks or on a separate sheet)
8 9					Problematic Hydrophytic Vegetation¹ (Explain)
10.					
Woody Vine Stratum (Plot size: 30 ft r	100%	= Tota	al Cove	r	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1					Hadron bada
2					Hydrophytic Vegetation
			al Cove		Present? Yes No
Remarks: (Include photo numbers here or on a separate	e sheet.)				
No hydrophytic vegetation preser	nt				
, , , , , , , , , , , , , , , , , , , ,					

SOIL Sampling Point: 5-B/C UPL

Profile Desc	cription: (Describe	to the depth	needed to docu	ment the	indicator	or confirm	n the absence of	indicators.)
Depth	Matrix			ox Feature		1 2	T 4	D to
(inches)	Color (moist)		Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
0 - 20	10YR 3/3	_ <u>100</u> _					Clay Loam	
<u> </u>								
<u> </u>								
<del></del>								
	oncentration, D=De	pletion, RM=F	Reduced Matrix, N	IS=Masked	d Sand Gra	ains.		PL=Pore Lining, M=Matrix.
Hydric Soil	Indicators:						Indicators for	Problematic Hydric Soils <sup>3</sup> :
Histosol	` '			Gleyed Ma				airie Redox (A16)
	pipedon (A2)			Redox (S5	-		Dark Surf	` '
ı —	istic (A3) en Sulfide (A4)			ed Matrix (S Mucky Mir				ganese Masses (F12) llow Dark Surface (TF12)
	d Layers (A5)			Gleyed Ma				plain in Remarks)
_	uck (A10)			ed Matrix (			011101 (EX	plant in Normanio)
ı —	d Below Dark Surfa	ce (A11)		Dark Surfa				
Thick Da	ark Surface (A12)		Deplet	ed Dark Su	ırface (F7)	)	<sup>3</sup> Indicators of	hydrophytic vegetation and
	Mucky Mineral (S1)		Redox	Depressio	ns (F8)			ydrology must be present,
	ucky Peat or Peat (S	,					unless dis	sturbed or problematic.
_	Layer (if observed							
			_				Hydric Soil Pro	esent? Yes No
Depth (in	ches):		<u> </u>				11,4110 001111	
Remarks:								
No hyd	ric soil prese	ent						
HYDROLO	icv							
	drology Indicators							
1	cators (minimum of		d: check all that a	(vlaa			Secondary	Indicators (minimum of two required)
	Water (A1)			ained Leav	es (B9)			e Soil Cracks (B6)
—	ater Table (A2)			auna (B13	, ,			ge Patterns (B10)
Saturati	, ,			atic Plants				ason Water Table (C2)
ı —	farks (B1)			Sulfide O	, ,		_ ′	h Burrows (C8)
I —	nt Deposits (B2)			Rhizosphe	, ,	ing Roots		tion Visible on Aerial Imagery (C9)
I —	posits (B3)			of Reduce		-		d or Stressed Plants (D1)
Algal Ma	at or Crust (B4)		Recent Ir	on Reducti	on in Tille	d Soils (C	6) Geomo	orphic Position (D2)
Iron Dep	posits (B5)		Thin Muc	k Surface (	(C7)		FAC-N	eutral Test (D5)
Inundati	on Visible on Aerial	Imagery (B7)		Well Data				
Sparsely	y Vegetated Conca	e Surface (B	3) Other (Ex	plain in Re	emarks)			
Field Obser	vations:							
Surface Wat	er Present?	Yes No	Depth (ii	nches):		_		
Water Table			Depth (in					
Saturation P			Depth (in				and Hydrology P	resent? Yes No
(includes ca	pillary fringe)							
Describe Re	corded Data (strear	n gauge, mon	itoring well, aerial	photos, pr	evious ins	pections),	if available:	
Remarks:								
	ology pro	nt						
ino nyar	ology prese	HIL						

### WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: 1732 Lima-Kalida 69kV Retirement	City	//County:	Gomer/A	Allen	Sampling Date: 2021-12-07	
Applicant/Owner: AEP		State: Ohio Sampling Point: 5-C				
Investigator(s): C. Kwolek, E. Wilson	Sec	ction, Tov	vnship, Rar	nge: S028 T002 R00	6	
				(concave, convex, none):		
Slope (%): 1 Lat: 40.84091	Lor	ng: <u>84.1</u>	76037		Datum: WGS 84	
Soil Map Unit Name: Saranac silty clay loam, 0 to 2 pe	rcent slopes					
Are climatic / hydrologic conditions on the site typical for this	time of year?	Yes	No	(If no, explain in Re	emarks.)	
Are Vegetation, Soil, or Hydrology si	gnificantly dist	turbed?	Are "l	Normal Circumstances" p	resent? Yes No	
Are Vegetation, Soil, or Hydrology na	aturally proble	matic?	(If ne	eded, explain any answer	rs in Remarks.)	
SUMMARY OF FINDINGS - Attach site map s	showing sa	ampling	g point lo	ocations, transects	, important features, etc.	
Hydrophytic Vegetation Present? Yes No	·					
Hydric Soil Present? Yes No			Sampled			
Wetland Hydrology Present? Yes   ✓ No	<u> </u>	withi	n a Wetlan	d? Yes	No	
Remarks:			م ملائدہ می		a manamaial atna ama All	
Wetland sample point for PSS 5-C. PSS stretche three wetland criteria present.	es along de	epressic	n with St	ream and drains into	o perenniai stream. Ali	
VEGETATION – Use scientific names of plants.						
Tree Stratum (Plot size: 30 ft r )			Indicator	Dominance Test work	sheet:	
1. Quercus palustris	<u>% Cover</u> <u>S</u>		FACW	Number of Dominant Sp That Are OBL, FACW, o		
2.					, , ,	
3.				Total Number of Domina Species Across All Strat	4	
4				Percent of Dominant Sp	necies	
5				That Are OBL, FACW, o		
Sapling/Shrub Stratum (Plot size: 15 ft r	<u>10%</u> = T	Total Cov	er	Prevalence Index work	ksheet:	
1. Cornus alba	60	<b>✓</b>	FACW_	Total % Cover of:	Multiply by:	
2				· —	x 1 = <u>40</u>	
3				FACW species 100	x 2 = 200	
4				FAC species 0	x 3 = 0	
5				FACU species 0		
Herb Stratum (Plot size: 5 ft r )	<u>60%</u> = T	Total Cov	er	UPL species 0	x = 0 (A) 240 (B)	
1. Carex lurida	30	✓	OBL	Column Totals: 140	(A) <u>240</u> (B)	
2. Phalaris arundinacea	30	<b>✓</b>	FACW	Prevalence Index	= B/A = <u>1.7</u>	
3. Persicaria hydropiperoides	10		OBL	Hydrophytic Vegetation	n Indicators:	
4				✓ 1 - Rapid Test for H		
5				2 - Dominance Tes		
6				✓ 3 - Prevalence Inde		
7					daptations <sup>1</sup> (Provide supporting s or on a separate sheet)	
8					ohytic Vegetation¹ (Explain)	
9						
10.	70% = T	Total Cov	 er		and wetland hydrology must	
Woody Vine Stratum (Plot size: 30 ft r )		otal oov	01	be present, unless distu	rbed or problematic.	
1				Hydrophytic		
2				Vegetation Present? Yes	s No	
Remarks: (Include photo numbers here or on a separate s		Total Cov	er			
	11001.)					
Hydrophytic vegetation present						

SOIL Sampling Point: 5-C

Depth	Matrix			lox Feature			_	_
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc²		Remarks
0 - 20	10YR 4/1	95	10YR 4/6	_ <u>5</u>	_ <u>C</u>	<u>PL</u>	Clay Loam	
-								
<sup>1</sup> Type: C=Co	oncentration, D=De	pletion, RM	=Reduced Matrix, N	/IS=Maske	d Sand Gr	ains.	<sup>2</sup> Location	: PL=Pore Lining, M=Matrix.
Hydric Soil I	ndicators:						Indicators	for Problematic Hydric Soils <sup>3</sup> :
Histosol	. ,			Gleyed Ma			Coast	Prairie Redox (A16)
	pipedon (A2)			Redox (St			_	surface (S7)
Black His	, ,			ed Matrix (				anganese Masses (F12)
	n Sulfide (A4)			Mucky Mi				hallow Dark Surface (TF12)
Stratified	Layers (A5)			Gleyed M ted Matrix (			Other (	(Explain in Remarks)
	d Below Dark Surfa	ce (A11)		: Dark Surf	. ,			
	ark Surface (A12)	CC (A11)	_	ed Dark Su	, ,	)	3Indicators	of hydrophytic vegetation and
_	lucky Mineral (S1)			Depression		,		d hydrology must be present,
	cky Peat or Peat (	S3)	_	·	` ,			disturbed or problematic.
Restrictive L	ayer (if observed	):						
Туре:								D
	shee).						Hydric Soil	Present? Yes No
Depth (inc								
Remarks:	soil present		<del></del>					
Remarks: Hydric s	soil present							
Remarks: Hydric s	soil present GY							
Remarks: Hydric s  HYDROLOG Wetland Hyd	soil present GY drology Indicators							
Remarks: Hydric s HYDROLOG Wetland Hyd Primary Indic	GY drology Indicators		ired; check all that a	apply)				ary Indicators (minimum of two requi
Hydric s Hydric s Hydric s Hydrolog Wetland Hyd Primary Indic	GY drology Indicators eators (minimum of		Water-St	ained Leav	` '		Surf	ace Soil Cracks (B6)
Hydric s  Wetland Hydric s  Primary Indic s  Y Surface S  High Wa	GY drology Indicators eators (minimum of Water (A1) ter Table (A2)		Water-St Aquatic I	ained Leav auna (B13	3)		Surf	ace Soil Cracks (B6) nage Patterns (B10)
Hydric s  Wetland Hyd  Primary Indic  Y Surface s  High Wa  Y Saturatio	GY drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3)		Water-St Aquatic I True Aqu	ained Leav Fauna (B13 atic Plants	B) s (B14)		Surf Drai	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2)
HYDROLO Wetland Hyd Primary Indic V Surface High Wa Saturatic Water M	GY drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1)		Water-St Aquatic I True Aqu Hydroge	ained Leav Fauna (B13 Jatic Plants n Sulfide O	B) s (B14) dor (C1)		Surf Drai Dry- Cray	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) rfish Burrows (C8)
HYDROLOGIC Wetland Hyd Primary Indic V Surface V High Wa V Saturatio Water M Sedimen	GY  drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2)		Water-Si Aquatic I True Aqu Hydroge _ Oxidized	ained Leav Fauna (B13 uatic Plants n Sulfide O Rhizosphe	B) s (B14) odor (C1) eres on Liv	-	Surf	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) yfish Burrows (C8) uration Visible on Aerial Imagery (C9
HYDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimen Drift Dep	GY drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3)		Water-Si Aquatic I True Aqu Hydroge Oxidized Presence	ained Leav Fauna (B13 latic Plants n Sulfide O Rhizosphe e of Reduce	B) (B14) dor (C1) eres on Liv ed Iron (C	4)	Surf Drai Cray Cray Satu Stur	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) rfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hyd  Primary Indic  Surface High Wa  High Wa  Saturatic Water M  Sedimen  Drift Dep	GY drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) arks (B1) on Deposits (B2) oosits (B3) at or Crust (B4)		Water-Si Aquatic I True Aqu Hydroge Oxidized Presence Recent I	ained Leav Fauna (B13 latic Plants In Sulfide O Rhizosphe e of Reduce on Reduct	B)  (B14)  (dor (C1)  eres on Lived Iron (Calion in Tille	4)	Surf	race Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) rfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1) morphic Position (D2)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hyd  Surface  High Wa  Saturatio  Water M  Sedimen  Drift Dep  Algal Ma  Iron Dep	GY  drology Indicators eators (minimum of Water (A1) tter Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	one is requi	Water-Si     Aquatic I     True Aqu     Hydroge     ✓ Oxidized     Presence     Recent II     Thin Muc	ained Leav Fauna (B13 latic Plants In Sulfide O Rhizosphe e of Reduct on Reduct ck Surface	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7)	4)	Surf	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) rfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hyd  Surface  High Wa  Saturatio  Water M  Sedimen  Drift Dep  Algal Ma  Iron Dep  Inundatio	GY drology Indicators eators (minimum of Water (A1) tter Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial	one is requi	— Water-Si — Aquatic I — True Aqu — Hydroge ✓ Oxidized — Presence — Recent II — Thin Muc 7) — Gauge o	ained Leav Fauna (B13 actic Plants n Sulfide O Rhizosphe e of Reduct ron Reduct ck Surface r Well Data	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9)	4)	Surf	race Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) rfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1) morphic Position (D2)
Hydric s  Wetland Hyd  Surface  High Wa  Saturatio  Water M  Sedimen  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely	GY drology Indicators eators (minimum of Water (A1) ther Table (A2) on (A3) arks (B1) at Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aerial or Vegetated Concar	one is requi	— Water-Si — Aquatic I — True Aqu — Hydroge ✓ Oxidized — Presence — Recent II — Thin Muc 7) — Gauge o	ained Leav Fauna (B13 latic Plants In Sulfide O Rhizosphe e of Reduct on Reduct ck Surface	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9)	4)	Surf	race Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) rfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1) morphic Position (D2)
HYDROLOGIC SUPPRINT S	GY drology Indicators eators (minimum of Water (A1) ther Table (A2) on (A3) arks (B1) at Deposits (B2) cosits (B3) at or Crust (B4) cosits (B5) on Visible on Aerial of Vegetated Concar evations:	one is requi	Water-Si Aquatic I Aquatic I True Aqu Hydroge ✓ Oxidized Presence Recent I Thin Muc To Gauge o B8) Other (E	ained Leav Fauna (B13 uatic Plants n Sulfide O Rhizosphe e of Reduct on Reduct ck Surface r Well Data xplain in Re	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9)	4)	Surf	race Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) rfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1) morphic Position (D2)
HYDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimen Drift Dep Algal Ma Iron Dep Inundatio Sparsely Field Observ Surface Water	GY  drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial of Vegetated Concar vations: er Present?	Imagery (B	Water-Si Aquatic I Aquatic I True Aqu Hydroge ✓ Oxidized Presence Recent II Thin Muc (7) Gauge o (88) Other (E	ained Leav Fauna (B13 atic Plants n Sulfide O Rhizosphe e of Reduct on Reduct ck Surface r Well Data xplain in Re	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9)	4)	Surf	race Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) rfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1) morphic Position (D2)
Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Hydric s  Wetland Hyd  Surface  High Wa  Saturatio  Water M  Sedimen  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely  Field Observ  Surface Water  Water Table	GY drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) art Deposits (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial of Vegetated Concar vations: er Present? Present?	Imagery (B	Water-Si — Aquatic I — True Aqu — Hydroge ✓ Oxidized — Presence — Recent II — Thin Muc (7) — Gauge o (B8) — Other (E	ained Leav Fauna (B13 latic Plants in Sulfide O Rhizosphe e of Reduct fron Reduct ck Surface ir Well Data xplain in Re inches): 4 nches): 4	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9)	4) d Soils (C	Surf Drai Cray Cray Stur 6)	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) In this Burrows (C8) In the Community of th
Hydric s  Wetland Hyd  Frimary Indic  Y Surface  High Wa  Y Saturatio  Water M  Sedimen  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely  Field Observ  Surface Water  Water Table  Saturation Pr	GY  drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) ark (B1) ark (B2) oosits (B3) at or Crust (B4) oosits (B5) on Visible on Aerial of Vegetated Concavitations: er Present? Present?	Imagery (B	Water-Si Aquatic I Aquatic I True Aqu Hydroge ✓ Oxidized Presence Recent II Thin Muc (7) Gauge o (88) Other (E	ained Leav Fauna (B13 latic Plants in Sulfide O Rhizosphe e of Reduct fron Reduct ck Surface ir Well Data xplain in Re inches): 4 nches): 4	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9)	4) d Soils (C	Surf Drai Cray Cray Stur 6)	race Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) rfish Burrows (C8) uration Visible on Aerial Imagery (C9 nted or Stressed Plants (D1) morphic Position (D2)
Hydric s  Wetland Hyd  Primary Indic  Y Surface High Wa  Y Saturatio Water M Sedimen Liron Dep Inundatio Sparsely  Field Observ Surface Water Table Saturation Pr (includes cap	GY  drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) art Deposits (B2) osits (B3) at or Crust (B4) osits (B5) on Visible on Aerial over Vegetated Concave vations: er Present? Present? resent?	Imagery (B	Water-Si — Aquatic I — True Aqu — Hydroge ✓ Oxidized — Presence — Recent II — Thin Muc (7) — Gauge o (B8) — Other (E	ained Leav Fauna (B13 vatic Plants in Sulfide O Rhizosphe e of Reduce fron Reduct ck Surface ir Well Data explain in Re inches): 4 inches): 0 inches): 0 inches): 0	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surf   V Drai   Dry-   Cray   Satur   Stur   Geo   V FAC	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) In this Burrows (C8) In the Community of th
Hydric S  Hydric S  Hydric S  Hydric S  Hydric S  Hydric S  Wetland Hyd  Surface S  High Wa  Saturatio Water M  Sedimen Drift Dep Algal Ma Iron Dep Inundatio Sparsely  Field Observ Surface Water Table Saturation Pr (includes cap Describe Rec	GY  drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) art Deposits (B2) osits (B3) at or Crust (B4) osits (B5) on Visible on Aerial over Vegetated Concave vations: er Present? Present? resent?	Imagery (B	Water-Si  Aquatic I  Aquatic I  True Aqu  Hydroge  ✓ Oxidized  Presence  Recent II  Thin Muc  (7) Gauge o  (88) Other (E  No Depth (ii  No Depth (ii	ained Leav Fauna (B13 vatic Plants in Sulfide O Rhizosphe e of Reduce fron Reduct ck Surface ir Well Data explain in Re inches): 4 inches): 0 inches): 0 inches): 0	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surf   V Drai   Dry-   Cray   Satur   Stur   Geo   V FAC	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) In this Burrows (C8) In the Community of th
Hydric s  Wetland Hyd  Primary Indic  Y Surface High Wa  Y Saturatio Water M Sedimen Liron Dep Inundatio Sparsely  Field Observ Surface Water Table Saturation Pr (includes cap	GY  drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) art Deposits (B2) osits (B3) at or Crust (B4) osits (B5) on Visible on Aerial over Vegetated Concave vations: er Present? Present? resent?	Imagery (B	Water-Si  Aquatic I  Aquatic I  True Aqu  Hydroge  ✓ Oxidized  Presence  Recent II  Thin Muc  (7) Gauge o  (88) Other (E  No Depth (ii  No Depth (ii	ained Leav Fauna (B13 vatic Plants in Sulfide O Rhizosphe e of Reduce fron Reduct ck Surface ir Well Data explain in Re inches): 4 inches): 0 inches): 0 inches): 0	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surf   V Drai   Dry-   Cray   Satur   Stur   Geo   V FAC	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) In this Burrows (C8) In the Community of th
Hydric S  Hydric S  Hydric S  Hydric S  Hydric S  Hydric S  Wetland Hyd  Surface S  High Wa  Saturatio Water M  Sedimen Drift Dep Algal Ma Iron Dep Inundatio Sparsely  Field Observ Surface Water Table Saturation Pr (includes cap Describe Rec	GY  drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) art Deposits (B2) osits (B3) at or Crust (B4) osits (B5) on Visible on Aerial over Vegetated Concave vations: er Present? Present? resent?	Imagery (B	Water-Si  Aquatic I  Aquatic I  True Aqu  Hydroge  ✓ Oxidized  Presence  Recent II  Thin Muc  (7) Gauge o  (88) Other (E  No Depth (ii  No Depth (ii	ained Leav Fauna (B13 latic Plants in Sulfide O Rhizosphe e of Reduct fron Reduct ck Surface ir Well Data xplain in Re nches): 4 nches): 0	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surf   V Drai   Dry-   Cray   Satur   Stur   Geo   V FAC	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) In this Burrows (C8) In the Community of th
Hydric s  Wetland Hyd  Surface  High Wa  High Wa  Sedimen  Drift Dep  Algal Ma  Iron Dep  Inundatio  Sparsely  Field Observ  Surface Water  Water Table  Saturation Pr  (includes cap  Describe Rec	GY  drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) art Deposits (B2) osits (B3) at or Crust (B4) osits (B5) on Visible on Aerial over Vegetated Concave vations: er Present? Present? resent?	Imagery (B	Water-Si  Aquatic I  Aquatic I  True Aqu  Hydroge  ✓ Oxidized  Presence  Recent II  Thin Muc  (7) Gauge o  (88) Other (E  No Depth (ii  No Depth (ii	ained Leav Fauna (B13 latic Plants in Sulfide O Rhizosphe e of Reduct fron Reduct ck Surface ir Well Data xplain in Re nches): 4 nches): 0	B) s (B14) dor (C1) eres on Liv ed Iron (C- ion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surf   V Drai   Dry-   Cray   Satur   Stur   Geo   V FAC	ace Soil Cracks (B6) nage Patterns (B10) Season Water Table (C2) In this Burrows (C8) In the Community of th

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 1730 AEP North Delphos - Rockhill Delineation	City/County: Fort Jennings/ Putnam Sampling Date: 2021-06-29
Applicant/Owner: AEP	State: Ohio Sampling Point: 1-SP-001
Investigator(s): E. Wilson, J. Holmes	Section, Township, Range: S004, T002, R005
	cal relief (concave, convex, none): None Slope (%): 0
	Long:84.2894924 Datum: _WGS 84
	NWI classification: PFO1A
Are climatic / hydrologic conditions on the site typical for this time of ye	
Are Vegetation, Soil, or Hydrology significantly	•
Are Vegetation, Soil, or Hydrology naturally pro	
	sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area within a Wetland? Yes No✓
Hydric Soil Present?  Yes No	
Wetland Hydrology Present? Yes No✓  Remarks: (Explain alternative procedures here or in a separate repor	If yes, optional Wetland Site ID:
Representative upland sample point. Not a	wetland.
HYDROLOGY  Wetland Hydrology Indicators	Cocondan, Indicators (minimum of two required)
Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1) Water-Stained I	Surface Soil Cracks (B6)  Leaves (B9) ✓ Drainage Patterns (B10)
Surface Water (A1) Water-Stainled I	
Saturation (A3) Marl Deposits (I	
Water Marks (B1) Hydrogen Sulfic	
	spheres on Living Roots (C3) Saturation Vis ble on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Re	duced Iron (C4) Stunted or Stressed Plants (D1)
Algal Mat or Crust (B4) Recent Iron Rec	duction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surfa	
Inundation Visible on Aerial Imagery (B7) Other (Explain i	
Sparsely Vegetated Concave Surface (B8)	FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes No ✓ Depth (inches)	
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 photo	s, previous inspections), if available:
Remarks:	
Some hydrology due to topography. Not a v	vetland

VEGETATION – Use scientific names of plants	•			Sampling Point: 1-SP-001
Tree Stratum (Plot size: 30 ft r )	Absolute	Dominan Species?	t Indicator	Dominance Test worksheet:
1			<u> </u>	Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				
3.				Total Number of Dominant Species Across All Strata: 3 (B)
4.				Percent of Dominant Species
5.				That Are OBL, FACW, or FAC: 0 (A/B)
6.				
7				Prevalence Index worksheet:  Total % Cover of: Multiply by:
		= Total Co	ver	
Sapling/Shrub Stratum (Plot size: 15 ft r )				FACW species $0 \times 2 = 0$
1				FAC species 15 x 3 = 45
2				FACU species 30 x 4 = 120
				UPL species $\frac{20}{25}$ x 5 = $\frac{100}{255}$
3				Column Totals: <u>65</u> (A) <u>265</u> (B)
4				Prevalence Index = B/A = 4.1
5				Hydrophytic Vegetation Indicators:
6				1 - Rapid Test for Hydrophytic Vegetation
7				2 - Dominance Test is >50%
Hart Strature (Blataine, 5 ft r		= Total Co	over	3 - Prevalence Index is ≤3.0¹
Herb Stratum (Plot size: 5 ft r )  1. Zea mays	35		NI	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
2. Dactylis glomerata	30		FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Asclepias syriaca	20		UPL	The first consequence of the second conseque
4. Calystegia sepium	15		FAC	<sup>1</sup> 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
	100%	= Total Co	ver	height.
Woody Vine Stratum (Plot size: 30 ft r )				
1		-		
2				
3				Hydrophytic
4				Vegetation Present? Yes No
		= Total Co	ver	riesent? resNo
Remarks: (Include photo numbers here or on a separate	sheet.)			1
Hydrophytic vegetation is not prese	nt			
riyaropriyae vegetation is not prese	116.			

SOIL Sampling Point: 1-SP-001

Profile Desc	ription: (Describe	to the dep	th needed to docun	nent the i	ndicator	or confirm	n the absence	of indicators.)
Depth	Matrix			x Features		. 2		
(inches)	Color (moist)		Color (moist)	%	Type'	Loc <sup>2</sup>	<u>Texture</u>	Remarks
0 - 20	10YR 4/4	100					Sandy Loam	
<u> </u>								
-								
	-							
		<u> </u>						
-								
		· ———						
<u>-</u>	-	<del></del>	_					
-								
	-							
	_							
		letion, RM=	Reduced Matrix, MS	S=Masked	Sand Gr	ains.		r PL=Pore Lining, M=Matrix.  for Problematic Hydric Soils <sup>3</sup> :
Hydric Soil I			Dobarduo Polov	v Surface	(CO) (I DI	D D		Muck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		Polyvalue Belov MLRA 149B)		(36) ( <b>LKI</b>	Υ,		Prairie Redox (A16) ( <b>LRR K, L, R</b> )
Black His			Thin Dark Surfa		RR R, MI	RA 149B		Mucky Peat or Peat (S3) ( <b>LRR K, L, R</b> )
	n Sulfide (A4)		Loamy Mucky N			, <b>L</b> )		Surface (S7) (LRR K, L)
	Layers (A5)	(8.4.4)	Loamy Gleyed I		)			alue Below Surface (S8) (LRR K, L)
•	l Below Dark Surfac ark Surface (A12)	e (A11)	Depleted Matrix Redox Dark Suit					ark Surface (S9) ( <b>LRR K, L</b> ) anganese Masses (F12) ( <b>LRR K, L, R</b> )
	lucky Mineral (S1)		Redox Dark Sui					ont Floodplain Soils (F19) (MLRA 149B)
	lleyed Matrix (S4)		Redox Depress		.,			Spodic (TA6) ( <b>MLRA 144A, 145, 149B</b> )
	edox (S5)			, ,				arent Material (F21)
	Matrix (S6)							Shallow Dark Surface (TF12)
Dark Sui	rface (S7) ( <b>LRR R, N</b>	/ILRA 149B	3)				Other	(Explain in Remarks)
3Indicators of	hvdrophytic vegetat	tion and we	tland hydrology mus	t be prese	ent unless	disturbed	or problematic	3
	_ayer (if observed):		liana nyarology mao	t bo prooc	511t, G11100t	alotar boa	Probleman	·-
Type: N/								
	ches):						Hydric Soil	Present? Yes No✓
Remarks:							1	
	••							
No hydri	c soils prese	ent.						

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: AEP North Delphos - Rockhill	City/County: Rimer/ Putnar	<b>n</b> s	ampling Date: 2021-06-28			
Applicant/Owner: AEP						
Investigator(s): J. Holmes E. Wilson	Section, Township, Range:					
Landform (hillslope, terrace, etc.): Upland, Flat						
Subregion (LRR or MLRA): M Lat: 40.8739	40 Long: -84.	23 <b>7650</b>	Datum: WGS 84			
Soil Map Unit Name: So		NWI classificati	on: N/A			
Are climatic / hydrologic conditions on the site typical for this time						
Are Vegetation, Soil, or Hydrology signification			_			
Are Vegetation, Soil, or Hydrology naturall		cplain any answers i				
SUMMARY OF FINDINGS – Attach site map show	ring sampling point location	ns, transects, i	mportant features, etc.			
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area					
Hydric Soil Present? Yes No	within a Wetland?	Yes	No			
Wetland Hydrology Present? Yes No		Site ID:				
Remarks: (Explain alternative procedures here or in a separate	report.)					
HYDROLOGY		2 d · l - di 4 - ·	(ii			
Wetland Hydrology Indicators:		-	rs (minimum of two required)			
Primary Indicators (minimum of one is required; check all that ap		Surface Soil Cracks (B6) Drainage Patterns (B10)				
Surface Water (A1) Water-Stai High Water Table (A2) Aquatic Fa		Moss Trim Lines (B16)				
Saturation (A3)  Marl Depo		Moss Triff Lines (B16) Dry-Season Water Table (C2)				
	Sulfide Odor (C1)	Crayfish Burrows (C8)				
	Rhizospheres on Living Roots (C3)		ole on Aerial Imagery (C9)			
Drift Deposits (B3) Presence	of Reduced Iron (C4)	Stunted or Stres	ssed Plants (D1)			
	n Reduction in Tilled Soils (C6)	Geomorphic Po	· ·			
Iron Deposits (B5) Thin Muck		Shallow Aquitar				
<u> </u>	olain in Remarks)	Microtopograph FAC-Neutral Te				
Sparsely Vegetated Concave Surface (B8)  Field Observations:		FAC-Neutial Te	St (D3)			
Surface Water Present? Yes No _ ✓ Depth (inc	ches):					
Water Table Present? Yes No Depth (inc						
Saturation Present? Yes No Depth (inc		drology Present?	Yes No			
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial p	photos, provious inspections), if avai	able:				
Describe Necorded Data (Stream gauge, monitoring well, aerial p	motos, previous inspections), ii avaii	able.				
Remarks:						
No primary and or secondary wetland hy	drology indicators wer	e present at	the time of			
sampling						

			Sampling Point: 1-SP-002
Absolute			Dominance Test worksheet:
			Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
		·	Total Number of Dominant
			Species Across All Strata: 2 (B)
			Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B
			That Are OBL, I ACW, OI I AC.
			Prevalence Index worksheet:
			Total % Cover of:         Multiply by:           OBL species         0         x 1 = 0
;	= Total Co	ver	OBL species $0 \times 1 = 0$ FACW species $0 \times 2 = 0$
			FAC species $0 \times 3 = 0$
			FACU species 100 x 4 = 400
			UPL species $0 \times 5 = 0$
			Column Totals: 100 (A) 400 (B)
			Prevalence Index = B/A = 4.00
			Hydrophytic Vegetation Indicators:
		·	1 - Rapid Test for Hydrophytic Vegetation
		ver	2 - Dominance Test is >50%
			3 - Prevalence Index is ≤3.0 <sup>1</sup>
45		FACU	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
40		FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
		FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
_ <u>5</u>	-	FACU	be present, unless disturbed or problematic.
			Definitions of Vegetation Strata:
	-	·	Tree – Woody plants 3 in. (7.6 cm) or more in diamete
			at breast height (DBH), regardless of height.
	-		Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
		· ———	
			<b>Herb</b> – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
		·	Woody vines – All woody vines greater than 3.28 ft in
	- Total Co	. — —	height.
	– Total Co	vei	
			Hydrophytic
			Vegetation
	= Total Co	ver	Present? Yes No
	<u>% Cover</u>	% Cover Species?	% Cover         Species?         Status           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —         —           —         —

SOIL Sampling Point: 1-SP-002

Profile Desc	ription: (Describe	to the dep	th needed to docun	nent the i	ndicator	or confirm	the absence	of indicators.)
Depth	Matrix	0/		x Features	Type <sup>1</sup>	Loc <sup>2</sup>	Touture	Domonico
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	<u>rype</u>	LOC	<u>Texture</u>	Remarks
0 - 20	10YR 4/3	100					Silt Loam	10 coarse fragments
-								
-								
				-				
-								
				<del></del> .			2,	
Hydric Soil I		letion, RM=	Reduced Matrix, MS	S=Masked	Sand Gra	ains.		: PL=Pore Lining, M=Matrix.  for Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Belov	v Surface	(SQ) (I <b>D</b> E	) D		fluck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		MLRA 149B)		(36) ( <b>LK</b> r	х г.,		Prairie Redox (A16) (LRR K, L, R)
Black Hi			Thin Dark Surfa		RR R, ML	RA 149B		Mucky Peat or Peat (S3) (LRR K, L, R)
Hydroge	n Sulfide (A4)		Loamy Mucky M	1ineral (F1	) (LRR K	<b>L</b> )		Surface (S7) (LRR K, L)
Stratified	l Layers (A5)		Loamy Gleyed I	Matrix (F2)	)		Polyva	llue Below Surface (S8) ( <b>LRR K, L</b> )
· · · · · · · · · · · · · · · · · · ·	d Below Dark Surface	e (A11)	Depleted Matrix					ark Surface (S9) (LRR K, L)
	rk Surface (A12)		Redox Dark Sur					anganese Masses (F12) ( <b>LRR K, L, R</b> )
-	lucky Mineral (S1)		Depleted Dark S		7)			ont Floodplain Soils (F19) (MLRA 149B)
	leyed Matrix (S4)		Redox Depress	ions (F8)				Spodic (TA6) (MLRA 144A, 145, 149B)
	edox (S5) Matrix (S6)							arent Material (F21) Shallow Dark Surface (TF12)
	rface (S7) ( <b>LRR R, N</b>	II RA 149F	3)					(Explain in Remarks)
Bank Gan	ilado (o/) (Erricit, il	12104 1402	• )					(Explain in Normanie)
			tland hydrology mus	t be prese	nt, unless	disturbed	or problemation	c.
	_ayer (if observed):							
Type:								,
Depth (inc	ches):						Hydric Soil	Present? Yes No✓
Remarks:								
No hy	dric soils prese	nt.						

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 1730 AEP North Delphos - Rockhill Delineation City/C	County: Fort Jennings/ Putnam Sampling Date: 2021-06-29
Applicant/Owner: AEP	State: Ohio Sampling Point: 1-SP-003
Investigator(s): E. Wilson, J. Holmes Section	on, Township, Range: S019, T002, R006
Landform (hillslope, terrace, etc.): Upland Local rel	ief (concave, convex, none): None Slope (%): 0
Subregion (LRR or MLRA): <u>L 99</u> Lat: <u>40.8580884</u>	Long: -84.2056083 Datum: WGS 84
	NWI classification: None
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 problems	
SUMMARY OF FINDINGS – Attach site map showing sam	
- Attach site map showing sain	
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area within a Wetland? Yes No✓
Hydric Soil Present?  Yes No	
Wetland Hydrology Present? Yes No	If yes, optional Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate report.)	
Representative upland sample point.	
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)	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide Od	
Sediment Deposits (B2) Oxidized Rhizosphere	
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	
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 _✔
Describe Recorded Data (stream gauge, monitoring well, aerial photos, pre	vious inspections), if available:
December	
Remarks:	
Representative upland sample point to describe	e the surrounding area.

			Sampling Point: 1-SP-003
Absolute	Dominant Species?		Dominance Test worksheet:
<u> </u>		Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
			Total Number of Dominant
			Species Across All Strata: 5 (B)
			Percent of Dominant Species
			That Are OBL, FACW, or FAC: 20 (A/B)
			Prevalence Index worksheet:
			Total % Cover of: Multiply by:
	= Total Cov	er	OBL species $\frac{0}{2}$ $x = \frac{0}{2}$
			FACW species $\frac{0}{20}$ $x = \frac{0}{60}$
			FAC species 20
10		FACU	UPL species 0 x 5 = 0
			Column Totals: 85 (A) 320 (B)
			Prevalence Index = B/A = 3.8
			Hydrophytic Vegetation Indicators:
			1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50%
30%	= Total Cov	er	3 - Prevalence Index is ≤3.0 <sup>1</sup>
25	J	FACII	4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
			Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
15			
10		FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
			Definitions of Vegetation Strata:
			Tree – Woody plants 3 in. (7.6 cm) or more in diameter
			at breast height (DBH), regardless of height.
			Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
·	-		Herb – All herbaceous (non-woody) plants, regardless
			of size, and woody plants less than 3.28 ft tall.
			Woody vines – All woody vines greater than 3.28 ft in
70%	= Total Cov	er er	height.
			Hydrophytic
			Vegetation Present? Yes No
	= Total Cov	ver	rieseitt! TesNO
neet.)			1
	20 10 30% 25 20 15 10	= Total Cov  20	= Total Cover  20

SOIL Sampling Point: 1-SP-003

Profile Desc	ription: (Describe	to the dep	th needed to docum	nent the i	ndicator	or confirm	n the absence	of indicators.)
Depth	<u>Matrix</u>			x Feature:		. 2	<b>-</b> .	B
(inches)	Color (moist)		Color (moist)	%	Type'	Loc <sup>2</sup>	<u>Texture</u>	Remarks
0 - 20	10YR 4/3	100					Sandy Loam	
	-							
-								
-								
-								
		<u> </u>						
				· <del></del>	-			
-								
-								
		-		·				
1 <sub>Type:</sub> C=C	naontration D-Don	lotion DM		S-Maakas			2l coation	: PL=Pore Lining, M=Matrix.
Hydric Soil I		letion, Rivi-	-Reduced Matrix, Mc	5-Masket	i Sanu Gi	aii 15.		for Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Belov	v Surface	(S8) (LRF	RR,		Muck (A10) ( <b>LRR K, L, MLRA 149B</b> )
	pipedon (A2)		MLRA 149B)				Coast	Prairie Redox (A16) (LRR K, L, R)
Black Hi	, ,		Thin Dark Surfa					Mucky Peat or Peat (S3) (LRR K, L, R)
	n Sulfide (A4) d Layers (A5)		Loamy Mucky N Loamy Gleyed I			, L)		Surface (S7) ( <b>LRR K, L</b> ) Ilue Below Surface (S8) ( <b>LRR K, L</b> )
	d Layers (A5) d Below Dark Surfac	e (A11)	Depleted Matrix		.)			eark Surface (S9) (LRR K, L)
	ark Surface (A12)	- ( )	Redox Dark Su					anganese Masses (F12) (LRR K, L, R)
-	lucky Mineral (S1)		Depleted Dark S		7)			ont Floodplain Soils (F19) ( <b>MLRA 149B</b> )
-	Sleyed Matrix (S4)		Redox Depress	ions (F8)				Spodic (TA6) (MLRA 144A, 145, 149B)
1	ledox (S5) Matrix (S6)							arent Material (F21) Shallow Dark Surface (TF12)
	rface (S7) ( <b>LRR R, N</b>	VILRA 149F	3)					(Explain in Remarks)
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,					,
			tland hydrology mus	t be prese	ent, unless	disturbed	or problemation	p.
	_ayer (if observed): ^							
Type: <b>N/</b>								
	ches):						Hydric Soil	Present? Yes No
Remarks:								
Represe	ntative uplar	าd sam	ple point. No	hvdri	c soils	•		
•	•			•				

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 1730 AEP North Delphos - Rockhill Delineation	City/County: Fort Jennings/ Putnam Sampling Date: 2021-06-29
Applicant/Owner: AEP	State: Ohio Sampling Point: 1-SP-004
Investigator(s): E. Wilson, J. Holmes	Section, Township, Range: S020, T002, R006
	cal relief (concave, convex, none): None Slope (%): 0
	4 Long: -84.2004452 Datum: WGS 84
	NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of ye	
Are Vegetation, Soil, or Hydrology significantly	•
Are Vegetation, Soil, or Hydrology naturally pro	•
	sampling point locations, transects, important features, etc.
- Attach site map showing	
Hydrophytic Vegetation Present? Yes No	Is the Sampled Area within a Wetland? Yes No✓
Hydric Soil Present?  Yes No	
Wetland Hydrology Present? Yes No✓  Remarks: (Explain alternative procedures here or in a separate repo	If yes, optional Wetland Site ID:
Representative upland sample point.	
HYDROLOGY  Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Wetland Hydrology Indicators:	
Primary Indicators (minimum of one is required; check all that apply)  Surface Water (A1)  Water Stained	<u> </u>
Surface Water (A1) Water-Stained High Water Table (A2) Aquatic Fauna	
Saturation (A3) Marl Deposits (	
Water Marks (B1) Hydrogen Sulfi	
	ospheres on Living Roots (C3) Saturation Vis ble on Aerial Imagery (C9)
Drift Deposits (B3) Presence of Re	
Algal Mat or Crust (B4) Recent Iron Re	eduction in Tilled Soils (C6) Geomorphic Position (D2)
Iron Deposits (B5) Thin Muck Surf	face (C7) Shallow Aquitard (D3)
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	
Water Table Present? Yes No Depth (inches	
Saturation Present? Yes No _✓_ Depth (inches (includes capillary fringe)	): Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, monitoring well, aerial photo	os, previous inspections), if available:
Remarks:	
Representative upland sample point to des	cribe the surrounding area.

/EGETATION – Use scientific names of plants	i.			Sampling Point: 1-SP-004
Tree Stratum (Plot size: 30 ft r )	Absolute	Dominant Species?	t Indicator	Dominance Test worksheet:
1. Plot size. 33 TT		•	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				(//
3				Total Number of Dominant Species Across All Strata: 3 (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 0 (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 $0 \times 2 = 0$
1				FAC species $\frac{5}{25}$ $\times 3 = \frac{15}{252}$
2				FACU species $65$ $\times 4 = 260$
3				UPL species $\frac{10}{80}$ $x = \frac{50}{325}$ (B)
4				Column Totals: <u>80</u> (A) <u>325</u> (B)
5				Prevalence Index = B/A = 4.1
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 <sup>1</sup>
1. Dactylis glomerata	40		FACU	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. Rubus allegheniensis	25		FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Glycine max	20		NI	The disease of booking a sile and constant booking a source
4. Asclepias syriaca	10		UPL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
<sub>5.</sub> Toxicodendron radicans	5		FAC	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: 30 ft r )				
1				
2				
3				Hydrophytic
4				Vegetation Present?  Yes No  ✓
		= Total Co	ver	
Remarks: (Include photo numbers here or on a separate	sheet.)			
Representative upland sample point	t. No hy	drophy	tic veg	etation present.
	-		•	·

SOIL Sampling Point: 1-SP-004

Profile Desc	cription: (Describe	to the dept	h needed to docun	nent the i	ndicator	or confirm	n the absence	of indicators.)
Depth (inches)	Matrix Color (moist)	<u></u> %	Redo:	x Feature:	s Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
(inches) 0 - 20			Color (moist)	%	<u>rype</u>	LOC		Remarks
	10YR 4/3	100					Sandy Loam	
-								
	-	<del></del> -						
-		<del></del> -						
-								
		- <u> </u>						
	-	- <del></del> -						
-								
		<u> </u>						
1 <sub>Type: C-C:</sub>	oncentration, D=Dep	letion PM-	Reduced Matrix MS	=Maekoo	Sand Gr	aine	<sup>2</sup> Location	: PL=Pore Lining, M=Matrix.
Hydric Soil		neuon, rivi-	reduced Matrix, Mi	iviasK <del>U</del> C	i Janu Gli	uil ið.		for Problematic Hydric Soils <sup>3</sup> :
Histosol		<u>-</u>	Polyvalue Belov	v Surface	(S8) (LRF	RR,		Muck (A10) (LRR K, L, MLRA 149B)
	oipedon (A2)		MLRA 149B)		, , ,		Coast	Prairie Redox (A16) ( <b>LRR K, L, R</b> )
	istic (A3)		Thin Dark Surfa					Mucky Peat or Peat (S3) (LRR K, L, R)
	en Sulfide (A4) d Layers (A5)		Loamy Mucky N Loamy Gleyed I			, L)		Surface (S7) ( <b>LRR K, L</b> ) Ilue Below Surface (S8) ( <b>LRR K, L</b> )
	d Below Dark Surfac	e (A11)	Depleted Matrix		,		= = = = = = = = = = = = = = = = = = = =	ark Surface (S9) (LRR K, L)
	ark Surface (A12)		 Redox Dark Su					anganese Masses (F12) (LRR K, L, R)
	lucky Mineral (S1)		Depleted Dark S		7)			ont Floodplain Soils (F19) ( <b>MLRA 149B</b> )
-	Gleyed Matrix (S4)	•	Redox Depress	ions (F8)				Spodic (TA6) (MLRA 144A, 145, 149B)
	Redox (S5) I Matrix (S6)							arent Material (F21) Shallow Dark Surface (TF12)
	rface (S7) ( <b>LRR R, I</b>	MLRA 149B	)					(Explain in Remarks)
	, , , ,		,					,
	f hydrophytic vegeta		tland hydrology mus	t be prese	ent, unless	disturbed	or problemation	p.
	Layer (if observed)	:						
Type: N/								
	ches):						Hydric Soil	Present? Yes No
Remarks:								
Represe	ntative uplar	nd sami	ole point. No	hvdri	soils.			
•	•	•	•	•				

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 1730 AEP North Delphos - Rockhill [	Delineation City/C	ounty: Gomer/ Allen		Sampling Date: 2021-07-02		
Applicant/Owner: AEP			State: Ohio	Sampling Point: 1-SP-005		
Investigator(s): E. Wilson, J. Holmes				· -		
Landform (hillslope, terrace, etc.): Upland						
Subregion (LRR or MLRA): L 99 Lat:						
Are climatic / hydrologic conditions on the site typical for						
Are Vegetation, Soil, or Hydrology						
Are Vegetation, Soil, or Hydrology			explain any answers	·		
SUMMARY OF FINDINGS – Attach site ma	p showing sam	pling point location	ons, transects,	important features, etc.		
Hydrophytic Vegetation Present? Yes	No. 🗸	Is the Sampled Area				
Hydric Soil Present? Yes	No 🗸	within a Wetland?	Yes	No		
Hydrophytic Vegetation Present? Yes  Hydric Soil Present? Yes  Wetland Hydrology Present? Yes	No 🗸	If yes, optional Wetland	I Site ID:			
Remarks: (Explain alternative procedures here or in a						
Upland representative sample poir	nt to describe	e the area. Sam	ple point wa	s taken between		
' ' '	11 10 40001181	o tino di odi. odini	pro ponit wa			
two agriculture fields.						
HYDROLOGY						
Wetland Hydrology Indicators:			Secondary Indicato	ors (minimum of two required)		
Primary Indicators (minimum of one is required; check	all that apply)		Surface Soil C	racks (B6)		
Surface Water (A1) V	Vater-Stained Leaves	s (B9)	✓ Drainage Patte	erns (B10)		
High Water Table (A2)	Aquatic Fauna (B13)		Moss Trim Lines (B16)			
Saturation (A3) N	Marl Deposits (B15)		Dry-Season Water Table (C2)			
	Hydrogen Sulfide Odd		Crayfish Burro			
				ble on Aerial Imagery (C9)		
	Presence of Reduced		Stunted or Stre			
	Recent Iron Reduction		Geomorphic P			
	hin Muck Surface (C		Shallow Aquita			
	Other (Explain in Rem	narks)	Microtopograp			
Sparsely Vegetated Concave Surface (B8)  Field Observations:			FAC-Neutral T	est (D5)		
Surface Water Present? Yes No	Denth (inches):					
Water Table Present? Yes No						
Saturation Present? Yes No _ ✓			lydrology Present?	? Yes No <u>✓</u>		
(includes capillary fringe)						
Describe Recorded Data (stream gauge, monitoring we	ell, aerial photos, prev	vious inspections), if ava	ilable:			
Remarks:						
No hydrology indicators present presen	rocont					
ino flydrology indicators present pr	ieseiit.					

<b>'EGETATION</b> – Use scientific names of plants	i.			Sampling Point: 1-SP-005
Tree Stratum (Plot size: 30 ft r )	Absolute % Cover		Indicator	Dominance Test worksheet:
1			<u>Otatus</u>	Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant Species Across All Strata: 2 (B)
3 4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 0 (A/B)
S				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
e:		= Total Co	ver	OBL species $\frac{0}{0}$ $\times 1 = \frac{0}{0}$
Sapling/Shrub Stratum (Plot size: 15 ft r )				FACW species $0$ $x = 0$
1				X3 =
2				50
3				UPL species $50$ $x = 250$ Column Totals: $80$ $(A)$ $370$ $(B)$
l				
5				Prevalence Index = B/A = 4.6
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 )		, 516.		3 - Prevalence Index is ≤3.0 <sup>1</sup>
Bromus inermis	50	✓	UPL	4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
2. Trifolium repens	25	✓	FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Zea mays	20	✓		1
1. Taraxacum officinale			FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5				Definitions of Vegetation Strata:
5 7				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
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
	100%	= Total Co	ver	height.
Woody Vine Stratum (Plot size: 30 ft r )				
1				
2				
3				Hydrophytic
				Vegetation Present? Yes No _✓
				1.000
4.		= Total Co	ver	

Depth (inches)         Matrix (inches)         Redox Features         Loc²         Texture         Remarks           0 - 20         10YR 4/3         100         Sandy Loam
0 - 20
<del>-</del>
<del>-</del>
<del></del>
<del>-</del>
<u> </u>
<u> </u>
_ <del>_</del>
<u>-</u>
<del>_</del>
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.  PL=Pore Lining, M=Matrix.  Indicators for Problematic Hydric Soils <sup>3</sup> :
·
Histosol (A1)
Black Histic (A3)  Thin Dark Surface (S9) (LRR R, MLRA 149B)  5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR K, L) Dark Surface (S7) (LRR K, L)
Stratified Layers (A5) Loamy Gleyed Matrix (F2) Polyvalue Below Surface (S8) (LRR K, L)
Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12) Redox Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, R)
Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B)
Sandy Gleyed Matrix (S4)  Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
Sandy Redox (S5) Red Parent Material (F21)
Stripped Matrix (S6) Very Shallow Dark Surface (TF12)
Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks)
<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Restrictive Layer (if observed):
Type: None
Depth (inches): No
Remarks:
No hydric soils present.

Project/Site: 1730 AEP North Delphos - Rockhill Del	<sub>y:</sub> <u>Gomer/</u>	Allen	Sampling Date: 2021-06-29		
Applicant/Owner: AEP		State: Ohio	Sampling Point: 1-SP-006		
Investigator(s): J. Holmes, E. Wilson	s	ection, To	ownship, Rar	nge: S003 T003 R00	6
				(concave, convex, none):	
Slope (%): 0 Lat: 40.811277	L	ong: <u>-8</u> 4	4.150712		Datum: WGS 84
Soil Map Unit Name: HrB				NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for thi	s time of year	r? Yes _	✓ No	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology s	significantly d	isturbed?	Are "	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology r				eded, explain any answer	
SUMMARY OF FINDINGS - Attach site map	showing	samplir	ng point lo	ocations, transects,	, important features, etc.
Hydrophytic Vegetation Present? Yes N	lo <b>-</b> /				
Hydric Soil Present? Yes N	lo		he Sampled		
Wetland Hydrology Present? Yes N	lo	with	hin a Wetlan	id? Yes	No
Remarks:				_	
Upland sample point to characteriz	e uplan	d con	ditions.	No wetland crit	teria present.
VEGETATION – Use scientific names of plants					
VEGETATION — Ose scientific flames of plants		Dominan	t Indicator	Dominance Test works	sheet.
Tree Stratum (Plot size: 30 ft r )	% Cover			Number of Dominant Sp	
1				That Are OBL, FACW, o	
2				Total Number of Domina	ant
3				Species Across All Strat	ta: <u>2</u> (B)
4				Percent of Dominant Sp	
5		Total Ca		That Are OBL, FACW, o	or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		- Total Co	over	Prevalence Index work	ksheet:
1				Total % Cover of:	Multiply by:
2				OBL species 0	x 1 = <u>0</u>
3					x 2 = <u>0</u>
4					x 3 = 0
5					x 4 = 400
Herb Stratum (Plot size: 5 ft r )	=	Total Co	over	UPL species 0	
1 Lolium perenne	45	/	FACU	Column Totals: 100	(A) <u>400</u> (B)
Phleum pratense	40	1	FACU	Prevalence Index	= B/A = <u>4.0</u>
3. Trifolium pratense	10		FACU	Hydrophytic Vegetatio	n Indicators:
4. Lotus corniculatus	5		FACU	1 - Rapid Test for H	lydrophytic Vegetation
5				2 - Dominance Test	
6				3 - Prevalence Inde	
7					daptations <sup>1</sup> (Provide supporting s or on a separate sheet)
8					phytic Vegetation <sup>1</sup> (Explain)
9					Anytic Vegetation (Explain)
10				<sup>1</sup> Indicators of hydric soil	and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	100% =	Total Co	over	be present, unless distu	
1				Hydrophytic	
2				Vegetation	🗸
	=	Total Co	ver	Present? Yes	s No
Remarks: (Include photo numbers here or on a separate	sheet.)				
Agriculture field					

Profile Description	n: (Describe t	o the depth	needed to docu	ment the i	indicator	or confin	m the absence of ir	ndicators.)
Depth	Matrix			x Feature		1 2	<b>T</b>	Domesto
	olor (moist)		Color (moist)	%	_Type <sup>1</sup> _	_Loc <sup>2</sup>	Texture	Remarks
<u> 0 - 20 10 Y</u>	′R 4/3	100		- ——			Silt Loam	
<u> </u>								
<del>-</del>								
<del></del> -								
<del>-</del>				- ——				
<u> </u>								
<sup>1</sup> Type: C=Concent		etion, RM=Re	educed Matrix, M	S=Masked	d Sand Gra	ains.		=Pore Lining, M=Matrix.
Hydric Soil Indica	tors:						Indicators for	Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)				Gleyed Ma				rie Redox (A16)
Histic Epipedo	. ,			Redox (S5			Dark Surfa	
Black Histic (A				d Matrix (S				anese Masses (F12)
Hydrogen Sulf Stratified Laye	` '			Mucky Mir Gleyed Ma				ow Dark Surface (TF12) lain in Remarks)
2 cm Muck (A1	, ,		_ ′	ed Matrix (	. ,		Office (EXP	iaiii iii Reiliaiks)
Depleted Below	,	(A11)		Dark Surfa	,			
Thick Dark Sui		` '	_	ed Dark Su		)	3Indicators of h	ydrophytic vegetation and
Sandy Mucky I	Mineral (S1)		Redox	Depressio	ns (F8)		wetland hyd	drology must be present,
5 cm Mucky Po		)					unless dist	urbed or problematic.
Restrictive Layer	(if observed):							
Туре:			_				Hydric Soil Pres	sent? Yes No
Depth (inches):			_				Hydric 30ii Fres	sentr res NO
Remarks:								
No hydric s	J. <b>P</b> 1333							
HYDROLOGY								
Wetland Hydrolog	y Indicators:							
Primary Indicators	(minimum of o	ne is required	; check all that a	pply)			Secondary Ir	ndicators (minimum of two required)
Surface Water	(A1)		Water-Sta	ined Leav	es (B9)		Surface	Soil Cracks (B6)
 High Water Ta	, ,		Aquatic F		, ,			e Patterns (B10)
Saturation (A3	)		True Aqua	atic Plants	(B14)			son Water Table (C2)
Water Marks (	B1)		Hydrogen	Sulfide O	dor (C1)		Crayfish	Burrows (C8)
Sediment Dep	osits (B2)		Oxidized	Rhizosphe	res on Liv	ing Roots	(C3) Saturation	on Visible on Aerial Imagery (C9)
Drift Deposits	(B3)		Presence	of Reduce	ed Iron (C4	4)	Stunted	or Stressed Plants (D1)
Algal Mat or C	rust (B4)		Recent Ire	on Reducti	on in Tille	d Soils (C	6) Geomor	phic Position (D2)
Iron Deposits (	. ,		Thin Mucl	k Surface (	(C7)		FAC-Ne	utral Test (D5)
Inundation Vis			Gauge or	Well Data	(D9)			
Sparsely Vege	tated Concave	Surface (B8)	Other (Ex	plain in Re	emarks)			
Field Observation			./					
Surface Water Pres			Depth (ir					
Water Table Prese			Depth (in					,
Saturation Present (includes capillary to Describe Recorded	fringe)		Depth (ir					esent? Yes No
Describe Recorded	Data (Stream	gauge, monit	oning well, aerial	priotos, pr	evious iris	pections)	, ii avaliable.	
Remarks:								
No wetland	hydrolog	y prese	nt					
ı								

Project/Site: AEP North Delphos - Rockhill		City/Co	ounty:	Lima/ A		2021-06-29
Applicant/Owner: AEP					State: Ohio Sampling Point	: <u>1-SP-007</u>
Investigator(s): J. Holmes E. Wilson		Sectio	n, Tov	vnship, Rai	S002 T003 R006	
Landform (hillslope, terrace, etc.): Upland, Flat			L	ocal relief	(concave, convex, none): None	
Slope (%): 1 Lat: 40.805174		Long:	-84	144109	Datum: WGS	84
Soil Map Unit Name: PmA					NWI classification: PEM1A	،d
Are climatic / hydrologic conditions on the site typical for this	time of year	ar? Ye	es	No	(If no, explain in Remarks.)	
Are Vegetation, Soil, or Hydrology si	gnificantly	disturt	ped?	Are "	Normal Circumstances" present? Yes _	✓ No
Are Vegetation, Soil, or Hydrology n					eded, explain any answers in Remarks.)	
SUMMARY OF FINDINGS - Attach site map				g point le	ocations, transects, important t	eatures, etc.
Hydrophytic Vegetation Present? Yes No	·					
Hydric Soil Present? Yes No				Sampled		
Wetland Hydrology Present? Yes No			withi	n a Wetlan	d? Yes No	_
Remarks:						
Representative of existing ROW						
<b>VEGETATION</b> – Use scientific names of plants.						
Tree Stratum (Plot size:30 ft r)	Absolute % Cover			Indicator Status	Dominance Test worksheet:	
1					Number of Dominant Species That Are OBL, FACW, or FAC:  0	(A)
2.						
3					Total Number of Dominant Species Across All Strata: 2	(B)
4					Percent of Dominant Species	
5					That Are OBL, FACW, or FAC: 0	(A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Tota	al Cov	er	Prevalence Index worksheet:	
1					Total % Cover of: Multi	ply by:
2.					OBL species <u>0</u> x 1 = <u>0</u>	
3					FACW species $0 \times 2 = 0$	
4					FAC species $0 \times 3 = 0$	
5					FACU species $\frac{95}{5}$ x 4 = $\frac{38}{25}$	
Herb Stratum (Plot size: 5 ft r )		= Tota	al Cov	er	UPL species $\frac{5}{100}$ $\times 5 = \frac{25}{40}$	
1 Solidago canadensis	30	•	/	FACU	Column Totals: 100 (A) 40	05 (B)
2. Medicago sativa	25		<u> </u>	FACU	Prevalence Index = B/A = $\frac{4.1}{}$	
3. Asclepias syriaca	15			FACU	Hydrophytic Vegetation Indicators:	
4. Dipsacus fullonum	15			FACU_	1 - Rapid Test for Hydrophytic Veg	etation
5. Erigeron annuus	10			FACU	2 - Dominance Test is >50%	
6. Apocynum androsaemifolium	5			<u>UPL</u>	3 - Prevalence Index is ≤3.0 <sup>1</sup>	
7					4 - Morphological Adaptations <sup>1</sup> (Production data in Remarks or on a separate	vide supporting te sheet)
8					Problematic Hydrophytic Vegetation	
9					_ , , , ,	, , ,
10	100%				<sup>1</sup> Indicators of hydric soil and wetland hy	
Woody Vine Stratum (Plot size: 30 ft r	10070	- 100	al Cov	ei	be present, unless disturbed or problem	atic.
1					Hydrophytic	
2					Vegetation Present? Yes No _	✓
Remarks: (Include photo numbers here or on a separate s		= Tota	al Cov	er		
A preponderance of hydrophytic ve	getation	on is	s no	τ prese	ent	

Depth	Matrix		Red	ox Feature	es			
(inches)	Color (moist)	%	Color (moist)	<u> %</u>	Type <sup>1</sup>	_Loc <sup>2</sup>	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>								
<del>-</del>								
<u> </u>								
<u>-</u>								
<sup>1</sup> Type: C=Co	oncentration, D=De	pletion, RM=	Reduced Matrix, M	IS=Maske	d Sand Gr	ains.	<sup>2</sup> Location: PL:	Pore Lining, M=Matrix.
Hydric Soil	Indicators:						Indicators for F	roblematic Hydric Soils <sup>3</sup> :
Histosol	. ,			Gleyed M				e Redox (A16)
	pipedon (A2)			Redox (S			Dark Surfac	` '
ı —	istic (A3)			ed Matrix (				nese Masses (F12)
	en Sulfide (A4)				ineral (F1)			w Dark Surface (TF12)
_	d Layers (A5) uck (A10)			Gleyed IV ed Matrix	latrix (F2)		Other (Expl	ain in Remarks)
ı —	d Below Dark Surfa	ce (A11)		Dark Surf				
	ark Surface (A12)	,	_		urface (F7	)	3Indicators of hy	drophytic vegetation and
	Mucky Mineral (S1)			Depression		,		rology must be present,
5 cm Mu	ucky Peat or Peat (	S3)					unless distu	rbed or problematic.
Restrictive I	Layer (if observed	):						
Type:							Hadria Call Dras	ent? Yes No
Depth (inc	ches):						Hydric Soil Pres	ent? Yes No
Remarks:								
HYDROLO								
1	drology Indicators							
	cators (minimum of	one is requir	<u>ed; check all that a</u>	nnly)				
	Water (A1)							dicators (minimum of two required)
-	ater Table (A2)			ained Lea			Surface S	Soil Cracks (B6)
			Aquatic F	ained Lea auna (B1	3)		Surface S Drainage	Soil Cracks (B6) Patterns (B10)
	on (A3)		Aquatic F True Aqu	ained Lea auna (B1) atic Plants	3) s (B14)		Surface S Drainage Dry-Seas	Soil Cracks (B6) Patterns (B10) on Water Table (C2)
Water M	larks (B1)		Aquatic F True Aqu Hydroger	ained Lea auna (B1) atic Plants Sulfide C	3) s (B14) Odor (C1)		Surface S Drainage Dry-Seas Crayfish	Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8)
Water M Sedimer	farks (B1) nt Deposits (B2)		Aquatic F True Aqu Hydroger Oxidized	ained Lea auna (B1) atic Plants Sulfide C Rhizosph	3) s (B14) Odor (C1) eres on Liv	-	Surface S Drainage Dry-Seas Crayfish S (C3) Saturatio	Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9)
Water M Sedimer Drift Dep	Marks (B1) nt Deposits (B2) posits (B3)		Aquatic F True Aqu Hydroger Oxidized Presence	ained Lear fauna (B1) atic Plants n Sulfide C Rhizosphe of Reduc	3) s (B14) Odor (C1) eres on Liv ed Iron (C	4)	Surface S Drainage Dry-Seas Crayfish Ss (C3) Saturatio Stunted of	Patterns (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Water M Sedimer Drift Dep Algal Ma	flarks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)		Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir	ained Lea auna (B1) atic Plants a Sulfide C Rhizosph of Reduct on Reduct	3) s (B14) Odor (C1) eres on Lived Iron (C- tion in Tille	4)	Surface S Drainage Dry-Seas Crayfish St (C3) Stunted of Geomorp	Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2)
Water M Sedimer Drift Dep Algal Ma	larks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	Harry (DZ	Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduct on Reduct k Surface	3) s (B14) Odor (C1) eres on Lived Iron (C) tion in Tille	4)	Surface S Drainage Dry-Seas Crayfish St (C3) Stunted of Geomorp	Patterns (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) or Stressed Plants (D1)
Water M Sedimer Drift Dep Algal Ma Iron Dep	flarks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) on Visible on Aeria		Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduc on Reduc k Surface	3) s (B14) Odor (C1) eres on Lived Iron (Ction in Tille (C7) a (D9)	4)	Surface S Drainage Dry-Seas Crayfish St (C3) Stunted of Geomorp	Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2)
Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati	flarks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Int or Crust (B4) Int or Crust (B5) Int on Visible on Aeria Int of Vegetated Conca		Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc	ained Lea fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduc on Reduc k Surface	3) s (B14) Odor (C1) eres on Lived Iron (Ction in Tille (C7) a (D9)	4)	Surface S Drainage Dry-Seas Crayfish St (C3) Stunted of Geomorp	Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2)
Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely	flarks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Int or Crust (B4) Int or Crust (B5) Int or Crust (B5) Int or Crust (B4)	ve Surface (E	Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Gauge or Other (Ex	ained Lea fauna (B1) atic Plants a Sulfide C Rhizospho of Reduct on Reduct k Surface Well Data cplain in R	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (0	Surface S Drainage Dry-Seas Crayfish St (C3) Stunted of Geomorp	Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2)
Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Obsert	flarks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Int or Crust (B4) Int or Crust (B5) Int or Visible on Aeria	ve Surface (E	Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Gauge or Other (Ex	ained Lea auna (B1) atic Plants Sulfide C Rhizospho of Reduct on Reduct k Surface Well Data xplain in R	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (0	Surface S Drainage Dry-Seas Crayfish St (C3) Stunted of Geomorp	Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2)
Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Obser Surface Water	larks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Int or Crust (B4) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B4) I	ve Surface (E Yes N	Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Gauge or Other (Ex	ained Lear fauna (B1) atic Plants n Sulfide C Rhizosph e of Reduct on Reduct k Surface Well Data xplain in R	3) s (B14) Odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (0	Surface S Drainage Dry-Seas Crayfish Stunted of Geomorp FAC-Neu	Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2) tral Test (D5)
Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Obsert Surface Water Water Table Saturation P (includes cap	larks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Int or Crust (B4) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B4) I	Yes N Yes N	Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Gauge or Other (Ex	ained Lear fauna (B1) atic Plants n Sulfide C Rhizosph on Reduct on Reduct k Surface Well Data xplain in R nches): nches): nches): nches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (0	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted of Geomorp FAC-Neu	Soil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) n Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2)
Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Obser Surface Wate Water Table Saturation Pe (includes cap Describe Rec	flarks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Int or Crust (B4) Int or Crust (B4) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B4)	Yes N Yes N Yes N The management of the second secon	Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Oder (Extended to the continuous) Depth (in the continuous) Depth (in the continuous) Depth (in the continuous)	ained Lear fauna (B1) atic Plants a Sulfide C Rhizospho on Reduct on Reduct k Surface Well Data cplain in R anches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface S Drainage Dry-Seas Crayfish ss (C3) Saturatio Stunted c C6) Geomorp FAC-Neu etland Hydrology Pre s), if available:	Boil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2) tral Test (D5)  sent? Yes No
Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Obser Surface Wate Water Table Saturation Pe (includes cap Describe Rec	flarks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Int or Crust (B4) Int or Crust (B4) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B4)	Yes N Yes N Yes N The management of the second of the se	Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Oder (Extended to the continuous) Depth (in the continuous) Depth (in the continuous) Depth (in the continuous)	ained Lear fauna (B1) atic Plants a Sulfide C Rhizospho on Reduct on Reduct k Surface Well Data cplain in R anches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface S Drainage Dry-Seas Crayfish Saturatio Stunted of Geomorp FAC-Neu	Boil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2) tral Test (D5)  sent? Yes No
Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Obser Surface Wate Water Table Saturation P (includes cap Describe Rec	flarks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Int or Crust (B4) Int or Crust (B4) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B4)	Yes N Yes N Yes N The management of the second of the se	Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Oder (Extended to the continuous) Depth (in the continuous) Depth (in the continuous) Depth (in the continuous)	ained Lear fauna (B1) atic Plants a Sulfide C Rhizospho on Reduct on Reduct k Surface Well Data cplain in R anches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface S Drainage Dry-Seas Crayfish ss (C3) Saturatio Stunted c C6) Geomorp FAC-Neu etland Hydrology Pre s), if available:	Boil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2) tral Test (D5)  sent? Yes No
Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Obser Surface Wate Water Table Saturation P (includes cap Describe Rec	flarks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Int or Crust (B4) Int or Crust (B4) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B4)	Yes N Yes N Yes N The management of the second of the se	Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Oder (Extended to the continuous) Depth (in the continuous) Depth (in the continuous) Depth (in the continuous)	ained Lear fauna (B1) atic Plants a Sulfide C Rhizospho on Reduct on Reduct k Surface Well Data cplain in R anches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface S Drainage Dry-Seas Crayfish ss (C3) Saturatio Stunted c C6) Geomorp FAC-Neu etland Hydrology Pre s), if available:	Boil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2) tral Test (D5)  sent? Yes No
Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Obser Surface Water Water Table Saturation P (includes cap Describe Rec	flarks (B1) Int Deposits (B2) Int Deposits (B3) Int or Crust (B4) Int or Crust (B4) Int or Crust (B4) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B5) Int or Crust (B4)	Yes N Yes N Yes N The management of the second of the se	Aquatic F True Aqu Hydroger Oxidized Presence Recent Ir Thin Muc Oder (Extended to the continuous) Depth (in the continuous) Depth (in the continuous) Depth (in the continuous)	ained Lear fauna (B1) atic Plants a Sulfide C Rhizospho on Reduct on Reduct k Surface Well Data cplain in R anches):	3) s (B14) odor (C1) eres on Liv ed Iron (C tion in Tille (C7) a (D9) emarks)	4) d Soils (C	Surface S Drainage Dry-Seas Crayfish ss (C3) Saturatio Stunted c C6) Geomorp FAC-Neu etland Hydrology Pre s), if available:	Boil Cracks (B6) Patterns (B10) on Water Table (C2) Burrows (C8) In Visible on Aerial Imagery (C9) or Stressed Plants (D1) hic Position (D2) tral Test (D5)  sent? Yes No

Project/Site: AEP North Delphos - Rockhill	City/County: Lima / Allen Sampling Date: 20				
Applicant/Owner: AEP				State: Ohio	Sampling Point: 1-SP-008
Investigator(s): J. Holmes E. Wilson	8	Section, 7	Township, Rar	nge:S012 T003 R	
Landform (hillslope, terrace, etc.): Upland, Flat			_ Local relief	(concave, convex, none):	None
Slope (%): 1 Lat: 40.788693		.ong: -8	4.126655		Datum: WGS 84
Soil Map Unit Name: PmA				NWI classific	ation: N/A
Are climatic / hydrologic conditions on the site typical for this	s time of yea	r? Yes_	✓ No _	(If no, explain in R	emarks.)
Are Vegetation, Soil, or Hydrology s	ignificantly d	listurbed	? Are "	Normal Circumstances" p	present? Yes No
Are Vegetation, Soil, or Hydrology n				eded, explain any answe	
SUMMARY OF FINDINGS – Attach site map				ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes N	o_ <b>_</b>				
Hydric Soil Present? Yes N	o		the Sampled		
Wetland Hydrology Present? Yes N	<u> </u>	wi	ithin a Wetlan	nd? Yes	No
Remarks:					
Representative of field edges along	ı wheat	field	•		
<b>VEGETATION</b> – Use scientific names of plants.					
Tree Stratum (Plot size: 30 ft r			int Indicator S? Status	Dominance Test work	
1				Number of Dominant Sp That Are OBL, FACW, of	
2				Total Number of Domin	ant
3				Species Across All Stra	•
4				Percent of Dominant Sp	pecies
5			<u> </u>	That Are OBL, FACW, o	or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		= Total C	over	Prevalence Index work	ksheet:
1				Total % Cover of:	
2					x 1 = 0
3					x 2 = 0
4				· · · · · · · · · · · · · · · · · · ·	x = 0
5				UPL species 0	$     \begin{array}{r}                                     $
Herb Stratum (Plot size: 5 ft r )		= Total C	cover	Column Totals: 100	(A) 400 (B)
1. Lolium perenne	35	<u> </u>			、 、- ,
2. Phleum pratense	25		_ FACU_	Prevalence Index	= B/A = 4.0
3. Dipsacus fullonum	15		_ FACU	Hydrophytic Vegetation	
4. Medicago sativa	15		_ FACU_	1 - Rapid Test for H	
5. Erigeron annuus	10		_ FACU_	2 - Dominance Tes 3 - Prevalence Inde	
6					Adaptations <sup>1</sup> (Provide supporting
7				data in Remarks	s or on a separate sheet)
8 9				Problematic Hydrop	phytic Vegetation¹ (Explain)
10.					
Woody Vine Stratum (Plot size: 30 ft r	100%	= Total C	Cover	<sup>1</sup> Indicators of hydric soil be present, unless distu	I and wetland hydrology must urbed or problematic.
1				Hydrophytic	
2				Vegetation	s No
		= Total C	Cover	Present? Yes	S NO
Remarks: (Include photo numbers here or on a separate s	sheet.)				-
A preponderance of hydrophytic ve	egetatio	n is r	not prese	ent	

Profile Description: (Describe to the de	oth needed to document the indicator or o	confirm the absence of indicators.)				
Depth Matrix	Redox Features					
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> L	_oc² Texture Remarks				
0- <b>20</b> 10YR 4/3 100		Sandy Clay Loam				
— <del>-</del> — — — — — — — — — — — — — — — — — — —						
-						
<del></del>						
	I=Reduced Matrix, MS=Masked Sand Grains					
Hydric Soil Indicators:		Indicators for Problematic Hydric Soils <sup>3</sup> :				
Histosol (A1)	Sandy Gleyed Matrix (S4)	Coast Prairie Redox (A16)				
Histic Epipedon (A2)	Sandy Redox (S5)	Dark Surface (S7)				
Black Histic (A3)	Stripped Matrix (S6)	Iron-Manganese Masses (F12)				
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1)	Very Shallow Dark Surface (TF12)				
Stratified Layers (A5)	Loamy Gleyed Matrix (F2)	Other (Explain in Remarks)				
2 cm Muck (A10) Depleted Below Dark Surface (A11)	Depleted Matrix (F3) Redox Dark Surface (F6)					
Thick Dark Surface (A12)	Nedox Dark Surface (F6) Depleted Dark Surface (F7)	<sup>3</sup> Indicators of hydrophytic vegetation and				
Sandy Mucky Mineral (S1)	Redox Depressions (F8)	wetland hydrology must be present,				
5 cm Mucky Peat or Peat (S3)	Nodex Depressions (Fe)	unless disturbed or problematic.				
Restrictive Layer (if observed):						
Type:						
Depth (inches):		Hydric Soil Present? Yes No				
Remarks:	<del></del>					
The soil profile does not i	neet the criteria for any hy					
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of one is requ	ired; check all that apply)	Secondary Indicators (minimum of two required)				
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)				
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)				
Saturation (A3)	True Aquatic Plants (B14)	Dry-Season Water Table (C2)				
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)				
Sediment Deposits (B2)		Roots (C3) Saturation Visible 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)	FAC-Neutral Test (D5)				
Inundation Visible on Aerial Imagery (I	Gauge or Well Data (D9)					
Sparsely Vegetated Concave Surface						
Field Observations:	· · · · · · · · · · · · · · · · · · ·					
Surface Water Present? Yes	No Depth (inches):					
	No Depth (inches):					
	No _ Depth (inches):	Wetland Hydrology Present? Yes No				
(includes capillary fringe)						
	onitoring well, aerial photos, previous inspec					
	and hydrology indicators were prese	ent at the time of sampling				
No primary and or secondary wetlands:	and hydrology indicators were prese	ent at the time of sampling				
	and hydrology indicators were prese	ent at the time of sampling				
	and hydrology indicators were prese	ent at the time of sampling				
	and hydrology indicators were prese	ent at the time of sampling				

Project/Site: AEP North Delphos - Rockhill	(	City/Co	ounty:	Lima / A		Sampling Date: 2021-06-30
Applicant/Owner: AEP					State: Ohio	Sampling Point: 1-SP-009
Investigator(s): J. Holmes E. Wilson			Section, Township, Range: S019 T003 R007			
Landform (hillslope, terrace, etc.): Upland, Flat						
Slope (%): 1 Lat: 40.767770		Long:	-84.	104351		Datum: WGS 84
					NWI classific	
Are climatic / hydrologic conditions on the site typical for this						
Are Vegetation, Soil, or Hydrology si	ignificantly	disturb	ed?	Are "	Normal Circumstances" p	present? Yes No
Are Vegetation, Soil, or Hydrology n					eded, explain any answe	
SUMMARY OF FINDINGS – Attach site map				g point le	ocations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No	·					
Hydric Soil Present? Yes No	o			e Sampled		
Wetland Hydrology Present? Yes No			withi	in a Wetlar	nd? Yes	No
Remarks:						
Representative of maintained yard						
<b>VEGETATION</b> – Use scientific names of plants.						
Tree Stratum (Plot size:30 ft r)	Absolute % Cover			Indicator Status	Dominance Test work	
1					Number of Dominant Sp That Are OBL, FACW, of	
2					Total Number of Domin	ant
3					Species Across All Stra	•
4					Percent of Dominant Sp	pecies
5					That Are OBL, FACW,	or FAC: <u>33</u> (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )		- 10ta	II COV	er	Prevalence Index wor	ksheet:
1					Total % Cover of:	
2						x 1 = 0
3						x = 0
4					FAC species 40 FACU species 60	$\times 3 = \frac{120}{240}$
5			L Cov		UPL species 0	$\times 4 = 240$ $\times 5 = 0$
Herb Stratum (Plot size: 5 ft r )					Column Totals: 100	(A) 360 (B)
1. Poa pratensis	40			FAC		(-)
2. Lolium perenne	35			FACU		= B/A = <u>3.6</u>
3. Phleum pratense	25			FACU_	Hydrophytic Vegetatio	
4					1 - Rapid Test for F 2 - Dominance Tes	
5					3 - Prevalence Inde	
6						Adaptations <sup>1</sup> (Provide supporting
7 8					data in Remarks	s or on a separate sheet)
9					Problematic Hydro	phytic Vegetation <sup>1</sup> (Explain)
10.					1	
Woody Vine Stratum (Plot size: 30 ft r	100%	= Tota	l Cov	er	be present, unless distu	il and wetland hydrology must urbed or problematic.
1					Hydrophytic	
2					Vegetation	s No/
Demontos (Includo relato combana la companyo de la		= Tota	l Cov	er		
Remarks: (Include photo numbers here or on a separate s		_				
A preponderance of hydrophytic ve	egetation	on is	s no	ot pres	ent	

Profile Description: (Describe to the dep	th needed to document the indicator or	confirm the absence of indicators.)				
Depth Matrix	Redox Features					
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup>	Loc <sup>2</sup> Texture Remarks				
0 - <b>20</b> 10YR 4/3 100		Sandy Clay Loam				
-						
-						
-						
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=	Reduced Matrix, MS=Masked Sand Grains					
Hydric Soil Indicators:		Indicators for Problematic Hydric Soils <sup>3</sup> :				
Histosol (A1)	Sandy Gleyed Matrix (S4)	Coast Prairie Redox (A16)				
Histic Epipedon (A2)	Sandy Redox (S5)	Dark Surface (S7)				
Black Histic (A3)	Stripped Matrix (S6)	Iron-Manganese Masses (F12)				
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1)	Very Shallow Dark Surface (TF12)				
Stratified Layers (A5) 2 cm Muck (A10)	<ul><li>Loamy Gleyed Matrix (F2)</li><li>Depleted Matrix (F3)</li></ul>	Other (Explain in Remarks)				
Depleted Below Dark Surface (A11)	Redox Dark Surface (F6)					
Thick Dark Surface (A12)	Depleted Dark Surface (F7)	<sup>3</sup> Indicators of hydrophytic vegetation and				
Sandy Mucky Mineral (S1)	Redox Depressions (F8)	wetland hydrology must be present,				
5 cm Mucky Peat or Peat (S3)		unless disturbed or problematic.				
Restrictive Layer (if observed):						
Type:						
Depth (inches):		Hydric Soil Present? Yes No				
Remarks:						
HYDROLOGY						
Wetland Hydrology Indicators:						
Primary Indicators (minimum of one is required)	red; check all that apply)	Secondary Indicators (minimum of two required)				
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)				
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)				
Saturation (A3)	True Aquatic Plants (B14)	Dry-Season Water Table (C2)				
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)				
Sediment Deposits (B2)	Oxidized Rhizospheres on Living	Roots (C3) Saturation Visible on Aerial Imagery (C9)				
Drift Deposits (B3)	Presence of Reduced Iron (C4)	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)	FAC-Neutral Test (D5)				
Inundation Visible on Aerial Imagery (B7	7) Gauge or Well Data (D9)					
Sparsely Vegetated Concave Surface (I	38) Other (Explain in Remarks)					
Field Observations:						
Surface Water Present? Yes I	No Depth (inches):					
Water Table Present? Yes I	No Depth (inches):					
	No Depth (inches):	Wetland Hydrology Present? Yes No				
(includes capillary fringe)						
Describe Recorded Data (stream gauge, mo						
No primary and or secondary wetlar	nd hydrology indicators were pres	ent at the time of sampling				
Remarks:						
Terrains.						
Tomans.						
Tromans.						
Tromans.						

City/0			Sampling Date: 2021-06-30
Secti	ion, Township, Ra	nge: S013	T003 R006
	Local relief	(concave, convex, none):	None
Long	: -84.113572		Datum: WGS 84
s time of year?	Yes <b>✓</b> No _	(If no, explain in Re	emarks.)
significantly distu	rbed? Are	'Normal Circumstances" pr	resent? Yes No
naturally problem	atic? (If ne	eded, explain any answer	s in Remarks.)
showing san	npling point l	ocations, transects,	important features, etc.
o_ <b>-</b>			
o			
o	within a Wetlar	nd? Yes	No•
_			
ecently mo	owed. Veg	disturbed	
	minant Indicator	Dominance Test works	heet:
		Number of Dominant Sp	
		That Are OBL, FACW, o	r FAC: 0 (A)
		Total Number of Domina	^
			(=)
= To	tal Cover	Pravalence Index work	shoot:
			x 1 = 0
			x 2 = 0
		FAC species 0	x 3 = 0
			x 4 = 400
= To	tal Cover		x 5 = 0
40	✓ FACU	Column Totals: 100	(A) <u>400</u> (B)
30	✓ FACU	Prevalence Index	= B/A = 4.0
20	✓ FACU	Hydrophytic Vegetation	
10	FACU	1 - Rapid Test for H	ydrophytic Vegetation
		2 - Dominance Test	
		4 - Morphological Addata in Remarks	daptations' (Provide supporting or on a separate sheet)
			hytic Vegetation <sup>1</sup> (Explain)
100% <sub>= To</sub>	tal Cover		and wetland hydrology must
		be present, unless distui	bed or problematic.
		Hydrophytic	
		vegetation	/
		Present? Yes	No
= To	tal Cover	Present? Yes	No
= To	is not pres		No
	Section Long stime of year? Noting indicantly disturbly problem is showing sare of the control o	Section, Township, Ra Local relief Long: -84.113572  s time of year? Yes No_ significantly disturbed? Are staturally problematic? (If no showing sampling point I to Is the Sampled within a Wetland	State: Ohio  Soction, Township, Range: Solta  Local relief (concave, convex, none): Long: -84.113572    NWI classificate   No

Profile Desc	ription: (Describ	e to the dept	h needed to docur	nent the indicat	or or confin	m the absence of ir	ndicators.)		
Depth	Matrix		Redo	x Features					
(inches)	Color (moist)	%	Color (moist)		e <sup>1</sup> Loc <sup>2</sup>	Texture	Remarks		
0 - 20	10YR 4/3	100				Sandy Clay Loam			
-									
-									
ļ <u></u>				· —— —					
		epletion, RM=	Reduced Matrix, MS	S=Masked Sand	Grains.		=Pore Lining, M=Matrix.		
Hydric Soil I							Problematic Hydric Soils <sup>3</sup> :		
Histosol	. ,			Sleyed Matrix (S	4)		rie Redox (A16)		
I —	pipedon (A2)			Redox (S5)		Dark Surfa	` '		
Black His	, ,			Matrix (S6)	-41		anese Masses (F12)		
	n Sulfide (A4)			Mucky Mineral (F			ow Dark Surface (TF12)		
Stratified	Layers (A5)			Gleyed Matrix (F d Matrix (F3)	۷)	Other (Exp	lain in Remarks)		
	l Below Dark Surf	ace (A11)		u Matrix (F3) Dark Surface (F6	3				
1	rk Surface (A12)	ace (ATT)	_	d Dark Surface (	,	<sup>3</sup> Indicators of h	nydrophytic vegetation and		
	lucky Mineral (S1)	)		Depressions (F8			drology must be present,		
1 —	cky Peat or Peat			(, ,			urbed or problematic.		
	ayer (if observe	. ,					•		
Type:							,		
Depth (inc						Hydric Soil Pres	sent? Yes No		
Remarks:			<del></del>						
The area!	file de			<b>.</b>	م اسلم د ما د				
The soil	profile do	es not m	eet the crite	eria for any	/ nyarıc	soil indicate	ors		
HYDROLO									
1	drology Indicator								
Primary Indic	ators (minimum o	f one is require	ed; check all that ap	ply)		Secondary Ir	ndicators (minimum of two required)		
Surface	Water (A1)		Water-Sta	ined Leaves (B9	)	Surface	Soil Cracks (B6)		
	ter Table (A2)		Aquatic Fa	una (B13)		Drainage	e Patterns (B10)		
Saturation	on (A3)		True Aqua	tic Plants (B14)		Dry-Season Water Table (C2)			
Water Mater Mat	arks (B1)		Hydrogen	Sulfide Odor (C	1)	Crayfish	Burrows (C8)		
Sedimen	t Deposits (B2)		Oxidized F	Rhizospheres on	Living Roots	(C3) Saturation	on Visible on Aerial Imagery (C9)		
Drift Dep	osits (B3)		Presence	of Reduced Iron	(C4)	Stunted	or Stressed Plants (D1)		
Algal Ma	t or Crust (B4)		Recent Iro	n Reduction in T	illed Soils (C	6) Geomor	phic Position (D2)		
Iron Dep	osits (B5)		Thin Muck	Surface (C7)		FAC-Ne	utral Test (D5)		
Inundation	on Visible on Aeria	al Imagery (B7	) Gauge or \	Well Data (D9)					
Sparsely	Vegetated Conca	ave Surface (B	88) Other (Exp	olain in Remarks	)				
Field Observ	vations:								
Surface Water	er Present?	Yes N	lo Depth (in	ches):					
Water Table	Present?	Yes N	lo Depth (in	ches):					
Saturation Pr			lo Depth (in			land Hydrology Pro	esent? Yes No		
(includes cap	oillary fringe)								
Describe Red	corded Data (strea	am gauge, mo	nitoring well, aerial p	photos, previous	inspections)	, if available:			
No primary	and or second	dary wetlan	d hydrology ind	licators were	present at	t the time of sam	npling		
Remarks:									
1									

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Gomer Station & Lima-Fort Wayne 138kV Tie-in	Project City/County: Gomer/A	l <b>len</b> Sa	mpling Date: 2021-06-29		
Applicant/Owner: AEP		State: Ohio	Sampling Point: 3-SP-001		
Investigator(s): Josh Holmes, Ethan Wilson	Section, Township, Ran	ge: S28 T2 R6			
Landform (hillslope, terrace, etc.): Upland, Flat	Local relief (concave, conve	ex, none): None	Slope (%): <u>1</u>		
Subregion (LRR or MLRA): L 99 Lat: 40.8	345311 Long	: <u>-</u> 84.177684	Datum: WGS 84		
Are climatic / hydrologic conditions on the site typical for this	time of year? Yes No	(If no, explain in Rema	arks.)		
Are Vegetation, Soil, or Hydrology signature.	gnificantly disturbed? Are "N	Normal Circumstances" pres	ent? Yes 🗹 No		
Are Vegetation, Soil, or Hydrology na		eded, explain any answers ir			
SUMMARY OF FINDINGS – Attach site map s	howing sampling point lo	cations, transects, in	nportant 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 separation of the	within a Wetland If yes, optional Wetland warate report.)	d? Yes			
Upland sample is not associated with characteristics within project area.  Site dominated by agricultural row cr		oint is to show up	land		
HYDROLOGY		Canadam, la dia stance	(i-i		
Wetland Hydrology Indicators:			(minimum of two required)		
Primary Indicators (minimum of one is required; check all the			_ Surface Soil Cracks (B6)		
	r-Stained Leaves (B9)	Drainage Patterr Moss Trim Lines			
	tic Fauna (B13) Deposits (B15)	Moss Tilli Lilles Dry-Season Wat			
	ogen Sulfide Odor (C1)	Crayfish Burrows			
	zed Rhizospheres on Living Roots		e on Aerial Imagery (C9)		
	ence of Reduced Iron (C4)	Stunted or Stress			
	nt Iron Reduction in Tilled Soils (Co		` '		
	Muck Surface (C7)	Shallow Aquitaro			
	r (Explain in Remarks)	Microtopographic	Relief (D4)		
Sparsely Vegetated Concave Surface (B8)		FAC-Neutral Tes	t (D5)		
Field Observations:					
Surface Water Present? Yes No Dep					
Water Table Present? Yes No Dep			,		
Saturation Present? Yes No Dep (includes capillary fringe)	th (inches): Wet	land Hydrology Present?	Yes No/		
Describe Recorded Data (stream gauge, monitoring well, a	erial photos, previous inspections),	, if available:			
Remarks:					
No hydrology present					

Plot size: 30 ft r	
Number of Dominant Species	
	(A)
Total Number of Dominant Species Across All Strata: 0	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 0	(A/B
Prevalence Index worksheet:  Total % Cover of: Multiply by:	
= Total Cover OBL species 0 x 1 = 0	_
Stratum (Plot size: 15 ft r ) FACW species $\frac{0}{x^2}$ $x^2 = \frac{0}{x^2}$	_
	_
FACU species 25 x4 = 100	_
	_
Column Totals: 25 (A) 100	_ (B)
Prevalence Index = B/A = 4.0	_
A David Test for the decade 45 Mean and 45	
2 - Dominance Test is >50%	
= Total Cover 3 - Prevalence Index is <3 0 <sup>1</sup>	
(Plot size: 5 ft r	portin
epens 15 FACU Problematic Hydrophytic Vegetation <sup>1</sup> (Explain	n)
najor 10 FACU	
<sup>1</sup> Indicators of hydric soil and wetland hydrology m be present, unless disturbed or problematic.	nust
Definitions of Vegetation Strata:	
Tree – Woody plants 3 in. (7.6 cm) or more in diar	amete
at breast height (DBH), regardless of height.	
Sapling/shrub – Woody plants less than 3 in. DB	ЗН
and greater than or equal to 3.28 ft (1 m) tall.	
Herb – All herbaceous (non-woody) plants, regard of size, and woody plants less than 3.28 ft tall.	dless
Woody vines – All woody vines greater than 3.28 height.	8 ft in
85% = Total Cover	
atum (Plot size: 30 ft r )	
Hydrophytic	
─────────────────────────────────────	
= Total Cover	
ude photo numbers here or on a separate sheet.)	
Vegetation Present? Yes No	<u>,                                    </u>

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth	Matrix			Feature	S			
<u>(inches)</u>	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture Remarks	
0 - 20	7.5YR 4/4	100					Loam	
_								
							-	
							·	
_		-					·	·
	-	· · · · · · · · · · · · · · · · · · ·					·	
							·	
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		·					·	_
		· ·	_				· ——— ·	
_								
-							·	
		<del></del>						
-								
¹Type: C=Co	oncentration. D=Dep	letion. RM=	Reduced Matrix, MS	=Masked	d Sand Gr	ains.	<sup>2</sup> Location: PL=Pore Lining, M=Matrix.	<u> </u>
Hydric Soil I			Trouble a matrix, me				Indicators for Problematic Hydric Soils	<sup>3</sup> :
Histosol			Polyvalue Below	/ Surface	(S8) ( <b>LR</b>	R R,	2 cm Muck (A10) (LRR K, L, MLRA 1	49B)
	pipedon (A2)		MLRA 149B)		` , `	·	Coast Prairie Redox (A16) (LRR K, L,	
Black His	stic (A3)		Thin Dark Surfac	ce (S9) ( <b>I</b>	LRR R, M	LRA 149B	3) 5 cm Mucky Peat or Peat (S3) (LRR I	(, L, R)
	n Sulfide (A4)		Loamy Mucky M			ζ, <b>L</b> )	Dark Surface (S7) (LRR K, L)	
	Layers (A5)		Loamy Gleyed N		2)		Polyvalue Below Surface (S8) (LRR K	K, L)
T	Below Dark Surfac	e (A11)	Depleted Matrix				Thin Dark Surface (S9) (LRR K, L)	I/ I D\
	ark Surface (A12) lucky Mineral (S1)		Redox Dark Sur Depleted Dark S				<ul><li>Iron-Manganese Masses (F12) (LRR</li><li>Piedmont Floodplain Soils (F19) (MLF</li></ul>	
	sleyed Matrix (S4)		Depleted Dark S Redox Depressi		-7)		Mesic Spodic (TA6) (MLRA 144A, 14	
	ledox (S5)		Redox Depressi	ons (i o)			Red Parent Material (F21)	J, 149D)
	Matrix (S6)						Very Shallow Dark Surface (TF12)	
	rface (S7) ( <b>LRR R, N</b>	/ILRA 149B	)				Other (Explain in Remarks)	
	, , ,		,					
			tland hydrology must	t be prese	ent, unles	s disturbed	d or problematic.	
	_ayer (if observed):	1						
Type: <b>N</b> /.	A							
Depth (inc	ches):						Hydric Soil Present? Yes No	<u> </u>
Remarks:								
No hydri	c soil preser	nt						

Project/Site: 1730 AEP North Delphos - Rockhill D	Delineation City/C	ounty: Lima/All	len	Sampling Date: 2021-12-08
Applicant/Owner: AEP			State: Ohio	Sampling Point: 5-SP-006
Investigator(s): C. Kwolek, E. Wilson	6			
Landform (hillslope, terrace, etc.): Upland		Local relief	(concave, convex, none):	Linear
Slope (%): 0 Lat: 40.820015	Long:	-84.160061		Datum: WGS 84
Soil Map Unit Name: PmA			NWI classifica	ation: N/A
Are climatic / hydrologic conditions on the site typical for	this time of year? Y	es No _	(If no, explain in Re	emarks.)
Are Vegetation, Soil, or Hydrology	_ significantly distur	bed? Are "	Normal Circumstances" p	resent? Yes No
Are Vegetation, Soil, or Hydrology	_ naturally problema	atic? (If ne	eded, explain any answer	s in Remarks.)
SUMMARY OF FINDINGS - Attach site ma	p showing sam	pling point l	ocations, transects,	important features, etc.
Hydrophytic Vegetation Present? Yes	No			
Hydric Soil Present? Yes	No	Is the Sampled		/
Wetland Hydrology Present? Yes	No	within a Wetlan	nd? Yes	No
Remarks: Upland sample point to characterize upland	conditions Sam	nle taken with	nin tillad agricultura f	ield. No wetland criteria
present.	conditions. Sam	pie taken with	iiii tiiled agriculture i	ielu. No wetialiu ciitelia
VEGETATION – Use scientific names of plan	its.			
20 ft r		ninant Indicator	Dominance Test works	sheet:
Tree Stratum (Plot size: 30 ft r ) 1.	<u>% Cover</u> <u>Spe</u>		Number of Dominant Sp That Are OBL, FACW, o	
2			Total Number of Domina	
3			Species Across All Strat	a: <u>0</u> (B)
4 5			Percent of Dominant Sp	
	= Tot	al Cover	That Are OBL, FACW, o	or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft r )			Prevalence Index work	
1			Total % Cover of: OBL species 0	
2				x 1 = 0
3				x = 0 x = 0
4				
5				x 4 = 0 x 5 = 0
Herb Stratum (Plot size: 5 ft r )	= Tot	al Cover	UPL species 0 Column Totals: 0	
1				(),()
2			Prevalence Index	
3			Hydrophytic Vegetatio	
4			1 - Rapid Test for H	
5			2 - Dominance Test	
6			3 - Prevalence Inde	
7			data in Remarks	daptations <sup>1</sup> (Provide supporting or on a separate sheet)
8				ohytic Vegetation <sup>1</sup> (Explain)
9			_ , ,	, , ,
10	= Tot			and wetland hydrology must
Woody Vine Stratum (Plot size: 30 ft r )	=100	ai Covei	be present, unless distu	rbed or problematic.
1			Hydrophytic	
2			Vegetation   Present? Yes	s No
Remarks: (Include photo numbers here or on a separa	= Tot	ai Cover		
	,	otion dus	to diotuuloopee 4	from tillod
No hydrophytic vegetation prese	iii. No veget	ation due	to disturbance i	iroiii tillea

US Army Corps of Engineers

1		onfirm the absence of indicators.)
Depth Matrix	Redox Features	
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> Lo	c <sup>2</sup> Texture Remarks
0 - 20 10YR 4/2 100		Clay Loam
-		
<u> </u>		
-		
_		
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=I	Paducad Matrix MS-Maskad Sand Grains	<sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators:	Reduced Matrix, MS-Masked Sand Grains.	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Sandy Gleyed Matrix (S4)	Coast Prairie Redox (A16)
Histic Epipedon (A2)	Sandy Redox (S5)	Dark Surface (S7)
Black Histic (A3)	Stripped Matrix (S6)	Iron-Manganese Masses (F12)
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1)	Very Shallow Dark Surface (TF12)
Stratified Layers (A5)	Loamy Gleyed Matrix (F2)	Other (Explain in Remarks)
2 cm Muck (A10)	Depleted Matrix (F3)	
Depleted Below Dark Surface (A11)	Redox Dark Surface (F6)	
Thick Dark Surface (A12)	Depleted Dark Surface (F7)	<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Redox Depressions (F8)	wetland hydrology must be present,
5 cm Mucky Peat or Peat (S3)		unless disturbed or problematic.
Restrictive Layer (if observed):		
Type:	_	Hydric Soil Present? Yes No
Depth (inches):	<del></del>	
Remarks:		
No hydric soil present		
Tro Try arro don prodont		
LIVEROL COV		
HYDROLOGY		
Wetland Hydrology Indicators:		
	ed; check all that apply)	Secondary Indicators (minimum of two required)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require		
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required)	Water-Stained Leaves (B9) Aquatic Fauna (B13)	
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)	<ul><li>Water-Stained Leaves (B9)</li><li>Aquatic Fauna (B13)</li><li>True Aquatic Plants (B14)</li></ul>	<ul><li>Surface Soil Cracks (B6)</li><li>Drainage Patterns (B10)</li><li>Dry-Season Water Table (C2)</li></ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	<ul><li>Water-Stained Leaves (B9)</li><li>Aquatic Fauna (B13)</li><li>True Aquatic Plants (B14)</li><li>Hydrogen Sulfide Odor (C1)</li></ul>	<ul><li>Surface Soil Cracks (B6)</li><li>Drainage Patterns (B10)</li><li>Dry-Season Water Table (C2)</li><li>Crayfish Burrows (C8)</li></ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	<ul> <li>Water-Stained Leaves (B9)</li> <li>Aquatic Fauna (B13)</li> <li>True Aquatic Plants (B14)</li> <li>Hydrogen Sulfide Odor (C1)</li> <li>Oxidized Rhizospheres on Living R</li> </ul>	<ul> <li>Surface Soil Cracks (B6)</li> <li>Drainage Patterns (B10)</li> <li>Dry-Season Water Table (C2)</li> <li>Crayfish Burrows (C8)</li> <li>Saturation Visible on Aerial Imagery (C9)</li> </ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living R	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) coots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living R Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soi	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Soots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soi	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) coots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)	Water-Stained Leaves (B9)     Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Living Reference of Reduced Iron (C4)     Recent Iron Reduction in Tilled Soi	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Soots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B	Water-Stained Leaves (B9)     Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Living Reference of Reduced Iron (C4)     Recent Iron Reduction in Tilled Soi	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Soots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B	Water-Stained Leaves (B9)     Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Living Reference of Reduced Iron (C4)     Recent Iron Reduction in Tilled Soil Thin Muck Surface (C7)     Gauge or Well Data (D9)     Other (Explain in Remarks)	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Soots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B  Field Observations:  Surface Water Present? Yes N	Water-Stained Leaves (B9)     Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Living R     Presence of Reduced Iron (C4)     Recent Iron Reduction in Tilled Soi     Thin Muck Surface (C7)     Gauge or Well Data (D9)     Other (Explain in Remarks)  Depth (inches):	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Soots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (BField Observations:  Surface Water Present? Yes N	Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soi Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks)  Depth (inches): Depth (inches):	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8)  toots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1)  Is (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B  Field Observations:  Surface Water Present? Yes N  Saturation Present? Yes N	Water-Stained Leaves (B9)     Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Living Represence of Reduced Iron (C4)     Recent Iron Reduction in Tilled Soi Thin Muck Surface (C7)     Gauge or Well Data (D9)     Other (Explain in Remarks)  Depth (inches):	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Soots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (BField Observations:  Surface Water Present? Yes N	Water-Stained Leaves (B9)     Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Living Represence of Reduced Iron (C4)     Recent Iron Reduction in Tilled Soin Thin Muck Surface (C7)     Gauge or Well Data (D9)     Other (Explain in Remarks)  Depth (inches):	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) toots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Is (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No ✓
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (BField Observations:  Surface Water Present? Yes N  Water Table Present? Yes N  Saturation Present? Yes N  (includes capillary fringe)	Water-Stained Leaves (B9)     Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Living Represence of Reduced Iron (C4)     Recent Iron Reduction in Tilled Soin Thin Muck Surface (C7)     Gauge or Well Data (D9)     Other (Explain in Remarks)  Depth (inches):	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) toots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Is (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No ✓
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (BField Observations:  Surface Water Present? Yes N  Water Table Present? Yes N  Saturation Present? Yes N  (includes capillary fringe)	Water-Stained Leaves (B9)     Aquatic Fauna (B13)     True Aquatic Plants (B14)     Hydrogen Sulfide Odor (C1)     Oxidized Rhizospheres on Living Represence of Reduced Iron (C4)     Recent Iron Reduction in Tilled Soin Thin Muck Surface (C7)     Gauge or Well Data (D9)     Other (Explain in Remarks)  Depth (inches):	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) toots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Is (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No ✓
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B  Field Observations:  Surface Water Present? Yes N  Water Table Present? Yes N  Saturation Present? Yes N  (includes capillary fringe)  Describe Recorded Data (stream gauge, mor	Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living R Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soi Thin Muck Surface (C7) Gauge or Well Data (D9) 8) Other (Explain in Remarks)  o	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) toots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Is (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No ✓
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B)  Field Observations:  Surface Water Present? Yes N  Water Table Present? Yes N  Saturation Present? Yes N  (includes capillary fringe)  Describe Recorded Data (stream gauge, mor	Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living R Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soi Thin Muck Surface (C7) Gauge or Well Data (D9) 8) Other (Explain in Remarks)  o	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) toots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Is (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No
Wetland Hydrology Indicators:  Primary Indicators (minimum of one is require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B  Field Observations:  Surface Water Present? Yes N  Water Table Present? Yes N  Saturation Present? Yes N  (includes capillary fringe)  Describe Recorded Data (stream gauge, mor	Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living R Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soi Thin Muck Surface (C7) Gauge or Well Data (D9) 8) Other (Explain in Remarks)  o	Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) toots (C3) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Is (C6) Geomorphic Position (D2) FAC-Neutral Test (D5)  Wetland Hydrology Present? Yes No

# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 1732 Lima-Kalida 69kV Retirement	City/County: Lima	<mark>/Allen</mark> Sa	ampling Date: 2021-12-08	
Applicant/Owner: AEP		State: Ohio	Sampling Point: 5-SP-007	
Investigator(s): C. Kwolek, E. Wilson	Section, Township,	Range: S011 T002 R005		
Landform (hillslope, terrace, etc.): Upland			Slope (%): 0	
Subregion (LRR or MLRA): M Lat: 40	· ·	•		
		NWI classification		
Are climatic / hydrologic conditions on the site typical for thi				
Are Vegetation, Soil, or Hydrology s	significantly disturbed?			
Are Vegetation, Soil, or Hydrology r	naturally problematic? (I	f needed, explain any answers i	n Remarks.)	
SUMMARY OF FINDINGS – Attach site map	showing sampling poir	t locations, transects, i	mportant features, etc.	
Hydrophytic Vegetation Present? Yes N Hydric Soil Present? Yes N Wetland Hydrology Present? Yes N Remarks: (Explain alternative procedures here or in a sep	o <u>✓</u> within a We lo <u>✓</u> If yes, option			
Upland sample point to characterize		along NHD-manned	stream Sample	
taken within planted agriculture field	•	•		
HYDROLOGY				
Wetland Hydrology Indicators:		·	s (minimum of two required)	
Primary Indicators (minimum of one is required; check all		Surface Soil Cracks (B6)		
	er-Stained Leaves (B9)	Drainage Patterns (B10)		
	atic Fauna (B13)	<ul><li> Moss Trim Lines (B16)</li><li> Dry-Season Water Table (C2)</li></ul>		
	l Deposits (B15) rogen Sulfide Odor (C1)			
	dized Rhizospheres on Living R		le on Aerial Imagery (C9)	
	sence of Reduced Iron (C4)		ssed Plants (D1)	
, , ,	ent Iron Reduction in Tilled Soi		` '	
	Muck Surface (C7)	Shallow Aquitar		
	er (Explain in Remarks)	Microtopograph		
Sparsely Vegetated Concave Surface (B8)	,	FAC-Neutral Te		
Field Observations:				
Surface Water Present? Yes No De	pth (inches):			
Water Table Present? Yes No De	pth (inches):			
	pth (inches):	Wetland Hydrology Present?	Yes No	
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well,		ons), if available:		
		,		
No wetland hydrology present				

**VEGETATION** – Use scientific names of plants. Sampling Point: 5-SP-007 Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30 ft r ) % Cover Species? Status **Number of Dominant Species** 0\_\_\_\_\_(A) That Are OBL, FACW, or FAC: **Total Number of Dominant** 0 \_\_\_\_ (B) Species Across All Strata: Percent of Dominant Species 0 \_\_\_\_\_ (A/B) That Are OBL, FACW, or FAC: 6. \_\_\_\_\_ Prevalence Index worksheet: Total % Cover of: Multiply by: 0 x 1 = 0 \_\_\_\_\_ = Total Cover OBL species FACW species 0 x2 = 0Sapling/Shrub Stratum (Plot size: 15 ft r ) \_\_\_\_ x 3 = 0 FAC species FACU species 0 \_\_\_\_ x 4 = 0  $0 x_{5} = 0$ UPL species Column Totals: 0 (A) 0 (B) 4. \_\_\_\_\_\_ \_\_\_ \_\_\_\_ Prevalence Index = B/A = 0.0**Hydrophytic Vegetation Indicators:** \_\_\_ 1 - Rapid Test for Hydrophytic Vegetation \_\_\_ 2 - Dominance Test is >50% \_\_\_\_\_ = Total Cover \_\_\_ 3 - Prevalence Index is ≤3.0<sup>1</sup> Herb Stratum (Plot size: 5 ft r ) 4 - Morphological Adaptations (Provide supporting 1. Zea mays 85 ✓ data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. **Definitions of Vegetation Strata:** 6. \_\_\_\_\_\_ \_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_\_ **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 and greater than or equal to 3.28 ft (1 m) tall. Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines - All woody vines greater than 3.28 ft in 85% = Total Cover Woody Vine Stratum (Plot size: 30 ft r ) Hydrophytic Vegetation Yes \_\_\_\_\_ No \_\_\_ Present? = Total Cover Remarks: (Include photo numbers here or on a separate sheet.) No hydrophytic vegetation present. No vegetation due to disturbance from tilled agriculture field.

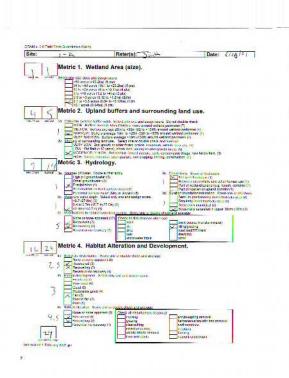
Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth	Matrix			Feature	S			
(inches)	Color (moist)	%	Color (moist)	<u></u> %	Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>	Remarks
0 - 20	10YR 4/2	100		-			Clay Loam	
_								
-	-	· —— ·	_	-				
_								
-	-						· <del></del>	
	-	<del></del> .	_					-
-								
	-	<del></del> .					· <del></del>	
		·						
<u> </u>								
<sup>1</sup> Type: C=Co	oncentration, D=Dep	letion, RM=	Reduced Matrix, MS	=Masked	d Sand Gr	ains	<sup>2</sup> Location: P	L=Pore Lining, M=Matrix.
Hydric Soil I							Indicators for	Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Below	/ Surface	(S8) ( <b>LR</b>	R R,		k (A10) ( <b>LRR K, L, MLRA 149B</b> )
	pipedon (A2)		MLRA 149B)	(00) (				nirie Redox (A16) (LRR K, L, R)
Black His	stic (A3) n Sulfide (A4)	•	Thin Dark Surfac Loamy Mucky M					ky Peat or Peat (S3) (LRR K, L, R) ace (S7) (LRR K, L)
	I Layers (A5)	•	Loamy Gleyed N			<b>.</b> , <b>∟</b> )		Below Surface (S8) (LRR K, L)
	d Below Dark Surfac	e (A11)	Depleted Matrix		.,			Surface (S9) (LRR K, L)
	ark Surface (A12)		Redox Dark Sur				_	ganese Masses (F12) ( <b>LRR K, L, R</b> )
	lucky Mineral (S1)	•	Depleted Dark S		7)			Floodplain Soils (F19) (MLRA 149B)
	Sleyed Matrix (S4)	•	Redox Depressi	ons (F8)				odic (TA6) ( <b>MLRA 144A, 145, 149B</b> )
	edox (S5) Matrix (S6)							nt Material (F21) low Dark Surface (TF12)
	rface (S7) ( <b>LRR R, N</b>	/ILRA 149B	)					plain in Remarks)
	(= : ) (= : : : : ; ::		,					,
			tland hydrology must	t be prese	ent, unles	s disturbed	d or problematic.	
Restrictive L	_ayer (if observed):	:						
Туре:								,
Depth (inc	ches):		<u></u>				Hydric Soil Pre	esent? Yes No
Remarks:							•	
No hydri	c soil preser	nt						
Ito II yaii	o oon prooci							

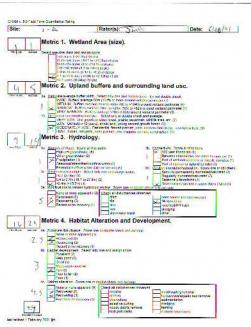
# WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

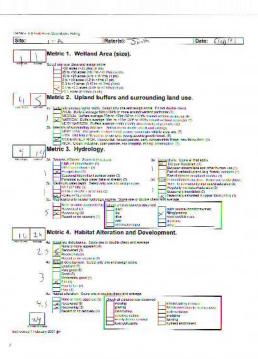
Project/Site: 1732 Lima-Kalida 69kV Retirement	City/County: Lim	a/Allen	Sampling Date: 2021-12-08	
Applicant/Owner: AEP		State: Ohio	Sampling Point: 5-SP-008	
Investigator(s): C. Kwolek, E. Wilson	Section, Townshi	p, Range: S011 T002 R005		
Landform (hillslope, terrace, etc.): Upland			Slope (%): 0	
Subregion (LRR or MLRA): M Lat:	·	Long: -84.285486		
Are climatic / hydrologic conditions on the site typical fo				
Are Vegetation, Soil, or Hydrology	significantly disturbed?			
Are Vegetation, Soil, or Hydrology	naturally problematic?	(If needed, explain any answers	in Remarks.)	
SUMMARY OF FINDINGS – Attach site ma	ap showing sampling po	int locations, transects,	important features, etc.	
Hydric Soil Present? Yes	No / within a V	npled Area /etland? Yes onal Wetland Site ID:	_ No <u>✓</u>	
Upland sample point to characteri		s along NUD-manne	d stream Sample	
taken within planted agriculture fi	•	•	•	
HYDROLOGY				
Wetland Hydrology Indicators:		·	ors (minimum of two required)	
Primary Indicators (minimum of one is required; check		Surface Soil Cracks (B6)		
	Water-Stained Leaves (B9)	Drainage Patterns (B10)		
	Aquatic Fauna (B13)	Moss Trim Lines (B16) Dry-Season Water Table (C2)		
	Marl Deposits (B15) Hydrogen Sulfide Odor (C1)			
	Oxidized Rhizospheres on Living		ble on Aerial Imagery (C9)	
	Presence of Reduced Iron (C4)		essed Plants (D1)	
	Recent Iron Reduction in Tilled S		` '	
	Thin Muck Surface (C7)	Shallow Aquita		
	Other (Explain in Remarks)	Microtopograp		
Sparsely Vegetated Concave Surface (B8)	,	FAC-Neutral T		
Field Observations:				
Surface Water Present? Yes No	Depth (inches):			
Water Table Present? Yes No	Depth (inches):			
	Depth (inches):	Wetland Hydrology Present	? Yes No	
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring w	rell, aerial photos, previous inspe	tions), if available:		
	, , , , , , , , , , , , , , , , , , , ,	,		
No wetland hydrology present				

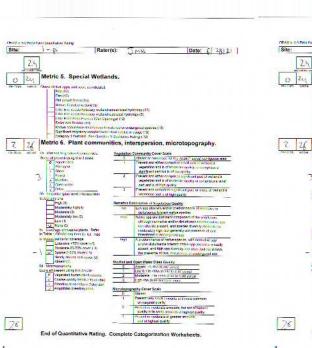
**VEGETATION** – Use scientific names of plants. Sampling Point: 5-SP-008 Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30 ft r ) % Cover Species? Status **Number of Dominant Species** 0\_\_\_\_\_(A) That Are OBL, FACW, or FAC: **Total Number of Dominant** 0 \_\_\_\_ (B) Species Across All Strata: Percent of Dominant Species 0 \_\_\_\_\_ (A/B) That Are OBL, FACW, or FAC: 6. \_\_\_\_\_ Prevalence Index worksheet: Total % Cover of: Multiply by: 0 x 1 = 0 \_\_\_\_\_ = Total Cover OBL species FACW species 0 x2 = 0Sapling/Shrub Stratum (Plot size: 15 ft r ) \_\_\_\_ x 3 = 0 FAC species FACU species 0 \_\_\_\_ x 4 = 0  $0 x_{5} = 0$ UPL species Column Totals: 0 (A) 0 (B) 4. \_\_\_\_\_\_ \_\_\_ \_\_\_\_ Prevalence Index = B/A = 0.0**Hydrophytic Vegetation Indicators:** \_\_\_ 1 - Rapid Test for Hydrophytic Vegetation \_\_\_ 2 - Dominance Test is >50% \_\_\_\_\_ = Total Cover \_\_\_ 3 - Prevalence Index is ≤3.0<sup>1</sup> Herb Stratum (Plot size: 5 ft r ) 4 - Morphological Adaptations (Provide supporting 1. Zea mays 85 ✓ data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. **Definitions of Vegetation Strata:** 6. \_\_\_\_\_\_ \_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_\_ 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 and greater than or equal to 3.28 ft (1 m) tall. Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines - All woody vines greater than 3.28 ft in 85% = Total Cover Woody Vine Stratum (Plot size: 30 ft r ) Hydrophytic Vegetation Yes \_\_\_\_\_ No \_\_\_ Present? = Total Cover Remarks: (Include photo numbers here or on a separate sheet.) No hydrophytic vegetation present. No vegetation due to disturbance from tilled agriculture field.

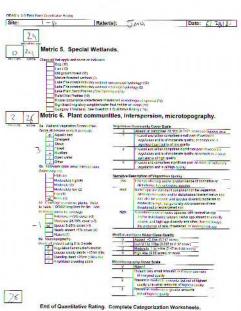
Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth	Matrix			Feature	S			
(inches)	Color (moist)	%	Color (moist)	<u></u> %	Type <sup>1</sup>	Loc <sup>2</sup>	<u>Texture</u>	Remarks
0 - 20	10YR 4/2	100		-			Clay Loam	
_								
-	-	· —— ·	_	-				
_								
-	-						· <del></del>	
	-	<del></del> .	_					-
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	-	<del></del> .					·	
		·						
<u> </u>								
<sup>1</sup> Type: C=Co	oncentration, D=Dep	letion, RM=	Reduced Matrix, MS	=Masked	d Sand Gr	ains	<sup>2</sup> Location: P	L=Pore Lining, M=Matrix.
Hydric Soil I							Indicators for	Problematic Hydric Soils <sup>3</sup> :
Histosol			Polyvalue Below	/ Surface	(S8) ( <b>LR</b>	R R,		k (A10) ( <b>LRR K, L, MLRA 149B</b> )
	pipedon (A2)		MLRA 149B)	(00) (				nirie Redox (A16) (LRR K, L, R)
Black His	stic (A3) n Sulfide (A4)	•	Thin Dark Surfac Loamy Mucky M					ky Peat or Peat (S3) (LRR K, L, R) ace (S7) (LRR K, L)
	I Layers (A5)	•	Loamy Gleyed N			<b>.</b> , <b>∟</b> )		Below Surface (S8) (LRR K, L)
	d Below Dark Surfac	e (A11)	Depleted Matrix		.,			Surface (S9) (LRR K, L)
	ark Surface (A12)		Redox Dark Sur				_	ganese Masses (F12) ( <b>LRR K, L, R</b> )
	lucky Mineral (S1)	•	Depleted Dark S		7)			Floodplain Soils (F19) (MLRA 149B)
	Sleyed Matrix (S4)	•	Redox Depressi	ons (F8)				odic (TA6) ( <b>MLRA 144A, 145, 149B</b> )
	edox (S5) Matrix (S6)							nt Material (F21) low Dark Surface (TF12)
	rface (S7) ( <b>LRR R, N</b>	/ILRA 149B	)					plain in Remarks)
	(= : ) (= : : : : ; ::		,					,
			tland hydrology must	t be prese	ent, unles	s disturbed	d or problematic.	
Restrictive L	_ayer (if observed):	:						
Туре:								,
Depth (inc	ches):		<u></u>				Hydric Soil Pre	esent? Yes No
Remarks:							•	
No hydri	c soil preser	nt						
Ito II yaii	o oon prooci							

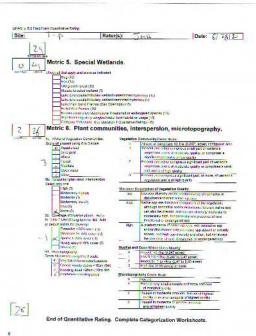












Metric 1. Wetland Area (size).    Part   Par	Site: N	krth	Delphis - Rockfill Rater(s): E. Wilson	Date: 6/20/2021
## Septiment   Sep	1	2	Metric 1. Wetland Area (size).	
## Septiment   Sep	max 6 nts.	subtotal	Select one size class and assign score	
10 to <55 acres (4 to <10 ha) (4 pts)   3 to <3 acres (4 to <4 ha) (5 pts)   3 to <3 acres (7 to <4 ha) (5 pts)   3 to <3 acres (7 to <4 ha) (5 pts)   3 to <3 acres (7 to <4 ha) (5 pts)   3 to <3 acres (7 to <4 ha) (5 pts)   3 to <3 acres (7 to <4 ha) (5 pts)   4 to <7 ha)   4 pts   4 to <4 ha)   4 to <4 ha)   4 to <4 ha)   4 to <4 ha)   4 to <4 ha	max o pis.	Subtotal		
Source of Vater. Score all that apply.   High pri groundwater (5)   Other groundgeter (7)   Other groundgeter (8)   Other groundgeter (9)   Other groundgeter (9)   Other groundgeter (10)   Other groundgeter (11)   Other groundgeter (12)   Other groundgeter (13)   Other groundgeter (14)   Other groundgeter (15)   Other groundgeter (16)   Other groundgeter (16)   Other groundgeter (17)   Other groundgeter (18)   Other groundgeter (3)				
0.3 to <3 acres (0.12 to <1.2 hbs (2658) 0.1 to <0.0 acres (0.04 to <0.12 hbs (1 pt) <p>4.0 1 acres (0.04 hbs (0 pts) 4.0 1 acres (0 pts</p>				
Content of the cont			0.3 to <3 acres (0.12 to <1.2ha) (2pts)	
Metric 2. Upland buffers and surrounding land use.  2a. Calculate average buffer width. Select only one and assign score. Do not double check.  WIDE. Buffers average 50m (154ft) or more around welland perimeter (1)  MARKOW. Buffers average 10m to <25ml (35ft to <25ft) around welland perimeter (4)  ANROW. Buffers average 50m to <25ml (35ft to <25ft) around welland perimeter (4)  ANROW. Buffers average 10m to <25ml (35ft to <25ft) around welland perimeter (7)  ANROW. Buffers average 10m to <25ml (35ft to <25ft) around welland perimeter (1)  ANROW. Buffers average 10m to <25ml (35ft to <25ft) around welland perimeter (1)  ANROW. Buffers average 10m to <25ml (35ft to <25ft) around welland perimeter (1)  ANROW. Buffers average 10m to <25ml (35ft to <25ft) around welland perimeter (1)  ANROW. Buffers average 50ml (25ml (25				
Part of period point (3)   Part of precipitation (1)	. 1			e.
WIDE. Buffers average 50m (194ft) or more around welland perimeter (7)   MEDIUM. Buffers average 20m to -50m (82 to 1-64ft) around welland perimeter (4)   NARROW. Buffers average 10m to -50m (82 to 1-64ft) around welland perimeter (5)   VERY NARROW. Buffers average 10m to -50m (32ft to -68ft) around welland perimeter (6)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft) around welland perimeter (7)   VERY NARROW. Buffers average -10m (-32ft	4	le	,	
MEDIUM. Buffers average 25m to <50m (82 to 154ft) around wetland perimeter (4)  VERY NARROW. Buffers average 0 to <25ft) 32th over 45gt) around wetland perimeter (f)  VERY NARROW. Buffers average <10m (<25ft) around wetland perimeter (f)  VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7)  LOW. Old field (*10 years), shrub land, yoursy second growth forest, (10)  HIGH. Urban, notustrial, open pasture, row cropping, mining, construction, (1)  MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow field.  B W	max 14 pts.	subtotal		
NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (f) verty NARROW. Buffers average <10m (<32ft) around wetland perimeter (f) verty NARROW. Buffers average <10m (<32ft) around wetland perimeter (f) verty NARROW. Buffers average <10m (<32ft) around wetland perimeter (f) verty NARROW. Buffers werage <10m (<32ft) around wetland perimeter (f) verty NARROW. Buffers verty of control wetland perimeter (f) verty NARROW. Per VLOW. 20th field (<10 years), shrub land, young second growth forest. (f) MODERATELY HIGH. Beddentall, fenced pasture, park, conservation tillage, new fallow field. (h) HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1) Wetland (verty park) (b) High ph groundwater (f) Other groundwater (f) Other groundwater (f) Other precipitation (f) Other precipitation (f) Per verty fight ph groundwater (f) Part of wetlandwallopland (e.g. forest), complex(f) Part of wetlandwallopland (e.g. forest), complex(f) Part of wetlandwallopland (e.g. forest), complex(f) Part of verty fight (e.g. forest), complex(f) Part of fight and other human use (1) Part of fight and other				l)
Terristy of surrounding land use. Select one or double check and average.  LOW. Old field (>10 years), shrub land, young second growth forest. (5)  LOW. Old field (>10 years), shrub land, young second growth forest. (5)  MOETRATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow field. (3)  HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)  Metric 3. Hydrology.  3a. Sources of Water. Score all that apply.  High pH groundwater (5)  Other groundwater (5)  Seasonal/Intermittent surface water (2)  Ferennial surface water (lake or stream) (5)  3c. Maximum water depth. Select only one and assign score.  Semi- to permanently inundated/saturated (4)  Regularly inundated/saturated (3)  Seasonally inundated (3)  Seasonally inundated (3)  Recovering (3)  Recovering (3)  Recovering (3)  Recovering (3)  Recovering (4)  Recovering (5)  Recovering (6)  Recovering (7)  Recovering (8)  Recovering (9)  Recov			NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter	
VERY LOW. 2nd growth or older forest, praine, savannah, wildliffe area, etc. (7)				
Motric 3. Hydrology.  Metric 3. Hydrology.  Jide groundwater (5)  Derecipitation (1)  Perenial surface water (lake or stream) (5)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 15,7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 16,7 (2,7 lin) (3)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 16,7 (2,7 lin) (3)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 16,7 (2,7 lin) (2)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (5)  John to 10-7 (15,7 lin) (1)  Seasonal/Intermittent surface water (lake or stream) (10-7 lin) (10-7 lin)  John to 10-7 (15,7 lin) (10-7 lin) (10-7 lin) (10-7 lin) (10-7 lin)  John to 10-7 (15,7 lin) (10-7 lin) (10-			VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7)	
HiGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)   Metric 3. Hydrology.				fallow field.(3)
max 30 pts. subtotal  3a. Sources of Water. Score all that apply. High pH groundwater (5) Precipitation Perceptation Perce			HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)	
## Subtotal 3a. Sources of Water. Score all that apply.    High pH groundwater (5)	0	rel	Metric 3. Hydrology.	
High pH groundwater (3) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface water (3) Pereinial surface water (4) Perennial	0	7.1		
Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface water (3) Perennial surface water (4) Perennial surface water (4) Perennial surface water (4) Part of riparian or upland corridor (1) Part of wetland/upland (2) Part of riparian or upland corridor (1) Part of wetland/upland (2) Part of riparian or upland corridor (1) Part of wetland/upland (2) Part of riparian or upland corridor (1) Part of wetland/upland (2) Part of riparian or upland corridor (1) Part of wetland/upland (2) Part of riparian or upland corridor (1) Part of wetland/upland (2) Part of riparian or upland corridor (1)	max 30 pts.	subtotal		
Seasonal/Intermittent surface water (3) Perennial surface water (4) Perennial surface water (4) Perennial surface water (4) Perennial surface water (4) Sc. Maximum water depth. Select only one and assign score. Semi- to permanently inundated/saturated (3) Seasonally inundated/saturated (3) Seasonally inundated/saturated (3) Seasonally saturated in upper 30cm (12in) Recovered (7) Recovered (7) Recovered (7) Recovered (7) Recovered (8) Recover of or one apparent (4) Recovered (3) Recovering (2) Recover or on recovery(1)  4b. Habitat development. Select only one and assign score. Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovered (6) Recovering (3) Recovering (4) Regularia inundated (2) Recovering (4) Regularia inundated (2) Recovering (4) Regularia inundated (2) Recovering (4) Recovering (5) Recovering (6) Recovering (7) Recovering (8) Recovering (9) Recovering (1) Recovering (			Other groundwater (3) Between street	am/lake and other human use (1)
Perennial surface water (lake or stream) (5)   3d.   Duration inundation/saturation. Score one or dbl check and aware depth. Select only one and assign score.   Seasonally saturated (4)   Regularly inundated/saturated (4)   Regularly inundated/saturated (3)   Seasonally inundated (2)   Seasonally saturated in upper 30cm (12in)				
None or none apparent (4)   Recovering (2)   Recovered (3)   Recovering (2)   Recovering (3)   Recovering (2)   Recovering (3)   Recovering			Perennial surface water (lake or stream) (5) 3d. Duration inundation	saturation. Score one or dbl check
O. 4 to 0.7m (15.7 to 27.6in) (2)   Seasonally inundated (2)   Seasonally saturated in upper 30cm (12in) (1)   Seasonally inundated (2)   Seasonally interest (2)   Seasonally inte				nanently inundated/saturated (4) ndated/saturated (3)
None or none apparent (12) Recovering (3) Recent or no recovery(1)  As Substrate disturbance. Score one or double check and average.    Wetric 4. Habitat Alteration and Development.    Wetric 4. Habitat Alteration and Development.			0.4 to 0.7m (15.7 to 27.6in) (2) Seasonally in	undated (2)
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max 20 pts. subtotal  4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovering (3) Recovering (4) Recovering (4) Recovering (5) Recovering (6) Recovering (7) Recovering (7) Recovering (8) Recovering (9) Recovering (				SKECIT!
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selective cutting woody debris removal toxic pollutants dredging farming nutrient enrichment			Recent or no recovery (1) clearcutting sedimentatio	
subtotal this page toxic pollutants nutrient enrichment			selective cutting dredging	
subtotal this page		18		:hment
lost revised 1 February 2001 lim				

Site: Martin Delphas - Rackhill Rater	r(s): €.	wilson Date: u/29/20
subtotal first page  Metric 5. Special Wetlar	nds.	
0 18		
max 10 pts. subtotal Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland- Lake Erie coastal/tributary wetland- Lake Plain Sand Prairies (Oak Ope Relict Wet Prairies (10) Known occurrence state/federal thr Significant migratory songbird/wate Category 1 Wetland. See Questior	-restricted hydro enings) (10) reatened or end er fowl habitat o	langered species (10) r usage (10)
Metric 6. Plant commun	nities, inf	terspersion, microtopography.
max 20 pts. subtotal 6a Wetland Vegetation Communities		
out Westaria Vegetation Communices.		Community Cover Scale
Score all present using 0 to 3 scale.  Aquatic bed Emergent Shrub	1	Absent or comprises <0.1ha (0.2471 acres) contiguous area  Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality
Forest Mudflats Open water	2	Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality
Other6b. horizontal (plan view) Interspersion.	3	Present and comprises significant part, or more, of wetland's vegetation and is of high quality
Select only one.	Norrative F	Accordable - 5M - 4M - O FI
High (5)  Moderately high(4)	-	Description of Vegetation Quality
Moderate (3)	low	Low spp diversity and/or predominance of nonnative or disturbance tolerant native species
Moderately low (2) Low (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add	mod	Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native spp can also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp
or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	high	A predominance of native species, with nonnative spp and/or disturbance tolerant native spp absent or virtually absent, and high spp diversity and often, but not always, the presence of rare, threatened, or endangered spp
Nearly absent <5% cover (0) Absent (1)	Mudflet on	d Open Weter Class Overlite
6d. Microtopography.	0	d Open Water Class Quality Absent <0.1ha (0.247 acres)
Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 acres)
Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88 acres)
Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more
Standing dead >25cm (10in) dbh  Amphibian breeding pools	Microton	graphy Cover Cools
LD Ampinolan preeding pools	0	raphy Cover Scale Absent
	1	Present very small amounts or if more common of marginal quality
	2	Present in moderate amounts, but not of highest quality or in small amounts of highest quality
	3	Present in moderate or greater amounts and of highest quality

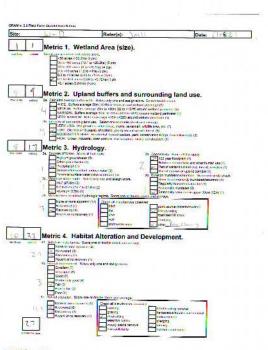
End of Quantitative Rating. Complete Categorization Worksheets.

1-C (PSS)

Site: North	Delph	05 -	Rockhill	Rater(s):	E. wilson		Date: 6/30/2021
	` □Metr	ic 1	Wetland A	Area (size)			, ,
2 2	Micci	10 1.	vvctiana /	a ca (Size)			
max 6 pts. subtota	Select or	>50 acro 25 to <5 10 to <2 3 to <10 0.3 to < 0.1 to <	ass and assign scres (>20.2ha) (6 pt 0 acres (10.1 to < 5 acres (4 to <10. acres (1.2 to <4h 3 acres (0.12 to < 0.3 acres (0.04 to es (0.04ha) (0 pts	s) 20.2ha) (5 pts) 1ha) (4 pts) a) (3 pts) 1.2ha) (2pts) <0.12ha) (1 pt)			
4 6	Metr				surround	ing land use	
max 14 pts. subtot	2b. Inte	WIDE. MEDIUI NARRO VERY I NIST VERY I LOW.	Buffers average 5 M. Buffers averag W. Buffers averag IARROW. Buffers Irrounding land us OW. 2nd growth Old field (>10 year RATELY HIGH. R	Om (164ft) or mor- le 25m to <50m (8 ge 10m to <25m s average <10m (4 e. Select one or or older forest, pra- rs), shrub land, yo- esidential, fenced	e around wetland p 2 to <164ft) around (32ft to <82ft) around (32ft) around wetland double check and a airie, savannah, will ung second growth	wetland perimeter (4) nd wetland perimeter (6) nd perimeter (0) nverage. dilife area, etc. (7) forest. (5) servation tillage, new fa	
9 15	Metr		Hydrolog				
max 30 pts. subto	3a. Sou	High ph Other of Precipil Seasor Perenn ximum wa >0.7 (2 0.4 to (	ter depth. Select 7.6in) (3) 7.7m (15.7 to 27.6 (<15.7in) (1)	face water (3) lake or stream) (5 only one and assi in) (2) ogic regime. Scor	gn score.	Part of wetland Part of riparian Duration inundation/s Semi- to perma Regularly inund Seasonally inund Seasonally sat ack and average.	plain (1) m/lake and other human use (1) m/lake and other human use (1) m/lake and certification (1) plantary (1) maturation. Score one or dbl checanently inundated/saturated (4) mated/saturated (3)
	0	Recove	r none apparent ( ered (7) ering (3) or no recovery (1	ditch tile dike weir	turbances observed vater input	point source (n filling/grading road bed/RR to	nonstormwater) rack
3 18	Met	ric 4.	Habitat A	Alteration	and Devel	opment.	
max 20 pts. subte	4a. Su	None of Recovery Reco	or none apparent (ered (3)) ering (2) t or no recovery (c) elopment. Select (ent (7)) ood (6) (5) ately good (4) o fair (2)	or double check a  (9) Check all di mowir grazir cleard select wood	nd average.  sturbances observe g utting ive cutting / debris removal	shrub/sapling	nquatic bed removal
	this page	I jjm		toxic	oollutants		

Site: \	Joelh	Delphos - Rockhill Rate	r(s): 💪	wilson Date: 10/29/20.
su	18 btotal first p	page		
0	18	Metric 5. Special Wetlar	nds.	
max 10 pts.	subtotal	Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland- Lake Erie coastal/tributary wetland- Lake Plain Sand Prairies (Oak Ope Relict Wet Prairies (10) Known occurrence state/federal thr Significant migratory songbird/wate Category 1 Wetland. See Question	restricted hy nings) (10) eatened or e r fowl habitat i 1 Qualitative	ndangered species (10) or usage (10) e Rating (-10)
2	20		ities, ir	nterspersion, microtopography.
max 20 pts.	subtotal	6a. Wetland Vegetation Communities.	Vegetation	on Community Cover Scale
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.2471 acres) contiguous area
		Aquatic bed Emergent Shrub	1	Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality
		Forest Mudflats Open water	2	Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality
		Other	3	Present and comprises significant part, or more, of wetland's vegetation and is of high quality
		High (5)	Nometica	F
		Moderately high(4)		Description of Vegetation Quality
		Moderate (3) Moderately low (2)	low	Low spp diversity and/or predominance of nonnative or disturbance tolerant native species
		Low(1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add	mod	Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native spp can also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp
		or deduct points for coverage	high	A predominance of native species, with nonnative spp
		Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	1000	and/or disturbance tolerant native spp absent or virtually absent, and high spp diversity and often, but not always, the presence of rare, threatened, or endangered spp
		Nearly absent <5% cover (0)		
		Absent (1)		nd Open Water Class Quality
		6d. Microtopography.  Score all present using 0 to 3 scale.	0	Absent <0.1ha (0.247 acres)
		Vegetated hummucks/tussucks	1	Low 0.1 to <1ha (0.247 to 2.47 acres)
		Coarse woody debris >15cm (6in)	2	Moderate 1 to <4ha (2.47 to 9.88 acres)
		Standing dead >25cm (10in) dbh	3	High 4ha (9.88 acres) or more
		Amphibian breeding pools	Microtopo	ography Cover Scale
			0	Absent
			1	Present very small amounts or if more common of marginal quality
			2	Present in moderate amounts, but not of highest quality or in small amounts of highest quality
20			3	Present in moderate or greater amounts and of highest quality

End of Quantitative Rating. Complete Categorization Worksheets.

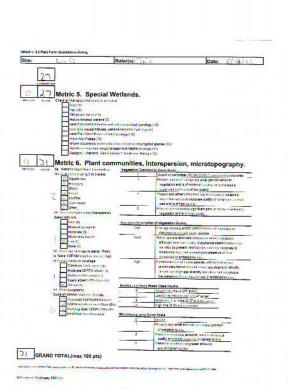


Site:	W-D	Rater(s): AND	Date: (1-9 2
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8 1	7 Metric 3. Hyd		
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0 27	Metric 4. Hab	itat Alteration and Deve	elopment.
MOTES NOOT	4. Sebessia com notice o  Note or terra acte  Note or terra acte  Note or terra acte  Note or terra acte  Note or terra  Note	one and on double check and navings active) by (1) in the and subgraces.	77 <b>*</b> * * * * * * * * * * * * * * * * * *
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Site:	W-D	Rater(s):	As No.	Date: ( = 9 )
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market an	Total Section 1. VVC	otland Area (size).		
	National Control	nachpto (0.5 meXCha) (5 ps)		
	10 to 125 agree	# to +10,that M pair		
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	- 0.1 to 40.3 series	(0.04 to 40.120 to (1.58)		
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restriction of		land buffers and		nd use.
	MEE OUTSER	Without the CHARL IN THE CONTRACTOR	edanc penmater (7)	
	HARROW, Burn	a meetings 25m to colon (thirts colon) Management The Its Siden (102) to 402	25 sesund warfand years each	12
	20. Intertally of surrounding	Buffers average of the (children in land use. Some or or could only	CO. MED MYSTRON.	
	SPHOT LOW DUE	growth or older forest, prairie, stakes of growth, classification, young second	COL meletic services 171	
	THE DAMES BEING REAL VIEW	WOM Physiderial fenced passure (a.	Mr. considerate bloom seems in	Nov faid. (2)
2 1	The state of the s		THE COMMERCE (1)	
10.24	Metric 3. Hy	drology.	No Describely Son	Company of the Compan
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	Preciotation (1)		Part of water	miliate and other homos over (f): Prefer of (cg. force), complete(f)
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	9A7 (27/dec) (4)	Selection y 254 and assign rules	ters-to part	arenty incesses to the control of th
	0.2 to 0.2 to 0.0 to 0.		Constraint in	indone (2) Areas in upper 35cm (12/e) (1)
	Se. Vive horizon to reduce	hydrologic women. Summerly due	All their and average.	man andre, arculto at his
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	Receiptor to reco	-10 (7) Es	52 Introduction	1000
	- AND THE PERSON NAMED IN	- mair	shoulping,	100
		Accession and the	Z = ## }-	Chart
10 2	Metric 4. Hak	Itat Alteration an	d Developmen	t
selfp. en	4r. Subarras deluberos.	Store the winder story and make		
	A Recovered (2)			
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	Desember (1)	elect gric can and manys some.		
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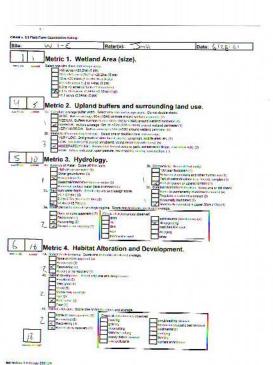
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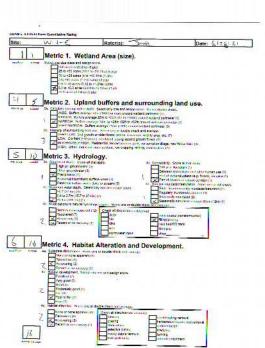
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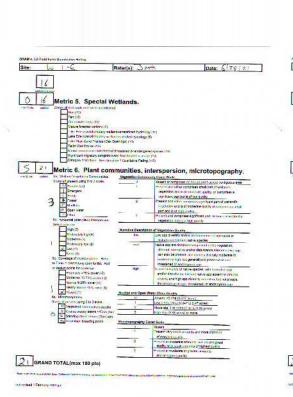
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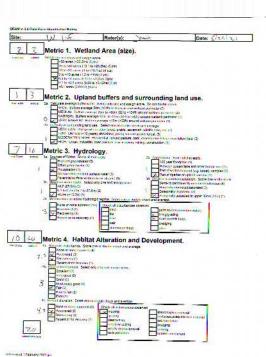


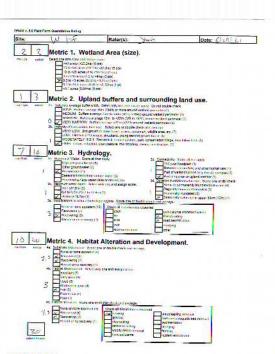
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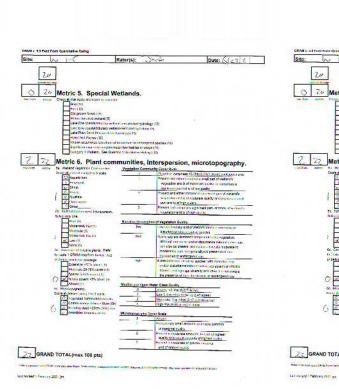
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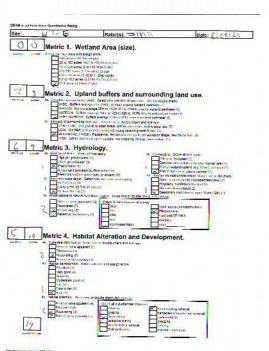


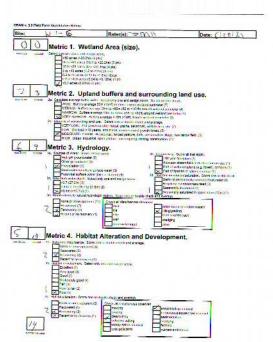
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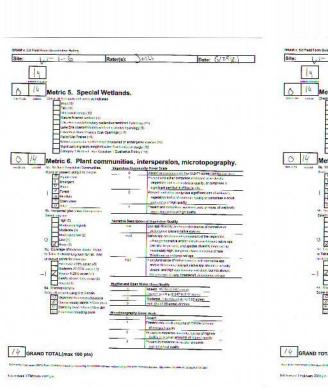
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Sale.	MALLE EX	Wednesday Consumer	Sva Vegetation C	Manually Court Rest	sion, interotopography.
	800	of present using 0 to 3 acres		Absent or or	expressed to the child of the configurations area
		1 Dregay	. *		office comprises expelliper of levels with And work weeks of quality, or comprises is
		C 19.10	55	eg far:	per but is of the guilty
	1	O Name	2	Francy And	enter complete vigo fearchast of well sets
	13	C Open water		par ancid	and is of modernterspointy or over process ampli-
	140	Craw	- 2	Housel and	comprises algorificate part or const. of wicherd's
		for containing any view of Indentices or only uses.	nov.	VEGACULI	Antoni lad goody
		High (E)	Hamilton De	ecristion of Vegetiese	Unets
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	95	Under the tow (2)			Children continue apeciale  Middle Continue
		X Low (f)		displan	entire and/or debots our sales of rights son.
	Fig. 1	Coverage of Transitive plants: H	in a	car ales se	Note that the second disease of the second
	to To	tile til Retrieglism kritet.		Preserve	Time to get a control years a more of agent
	10.00	Principality of coverage	431	Aprening	not of name species, will introduce and
		Moderate 35-774 (Care )			Philips to the set individual and set out of the set.
	100	Amount 20th some (-1)			and rate. Properties of our support of
	0	Neary street -570 ment		Open Water Class Great	
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	Say	O Vegetted between bully	1	109-0119-51	To 10,247 to 2.47 agent
		el Contro woods debris +15		Hoterate 11	Signal or move
	(5)	O Standing dead however (1)		Contract of the Parison	
	350	And the leading pods	- Victoria Contraction of the Co	phy Cover Scale	
			1		William work to or 8 more tongs are
			-	of mary and	nake.
			2	House In rea	decre accepts buind of Special and encountries to the special and another special another special and another special and another special another special and another special
			2	Howard in mo	CATANGE STATE STATE OF THE STAT
7			-	200 Hings	Auch
		TAL(max 100 pts)			



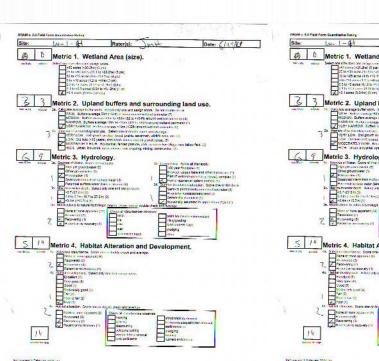


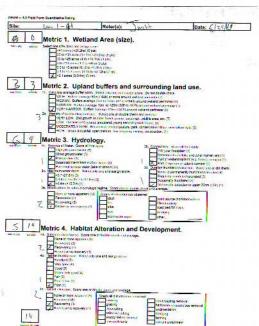
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	100	Conton do Sve salve	land Area (size).	
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ar II ar	3	Jivietric 2. Upia	and buffers and surround	ling land use.
		WIDE Million was	tigo \$2m (1540) or more around wellful around to	D C
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		VEHY LOW, 2nd p	section also based passes surgereds wildlife area. Typicals are bland young record present passes (expl. 19)	Mt. [7]
		DE MODERATOLY HIS	II. Revandad tempological, ped, populariotics	Room a rectal transaction of the
1	720	The American State of	find open centure, was conjunt, making tomoracle	#L(!)
+	4	Metric 3. Hyd		
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		Other groundwiner;	10 10	the character of the and other transcence (1).  On the standard growth (e.g. force), complete (1).
		Gassoul receive		tel of species or upberd common (1) or he day its lates for . Some one or dol check.
		3c No run water dept. St.	And only and and suppressure.	contribution of the property o
		1 24 to 3.7 to (15.1 to )	27 mm (12)	legistry involves around (3) Amount by Inundated (3)
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		6 Recents (2)		olet soutta (etteravelee) en Instigueling
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1000	J.Y.	Jiwetric 4. Habi	tat Alteration and Develo	ppment.
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		Z Recreated I/I		
		42 Deservation to recover	CONTROL SEC SURE CONTROL	
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		Cood (5) Updated & good (4)		
		Policio La CO		
		of Pear(I)		
			with drawing the street of the contraction	
		Hone or more apprecia	TRIVING TO VI	rubbeating winners
_		Cod Retrieval (it)  House, or no recovery	(1) Zi Avrotina Ha	Province of providing per personal dispersor of
	14	C-040 ( 0.00 C )	whether rathers	VD01
Ľ	7	l.		TRE



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Catagory   Martest See Gree	less of Constitution Ha	drg (- (0)	
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nices Co. Wedne (Approximation and and	munities,	interspersion, microtopog	graphy.
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O SAUE SA	80	Present and across comprises any all part of	wedench
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the functional payments branches	7.5	vegetation and an all him guilty	of Adlanda
Caled only one.	2000000000		
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the Contropy of Francise States Print		named tyley, by paren born process	Land.
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in the same partial for poverage	in the second	A performance of radys spaces, with community	* **
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22 Azzhiou acchigasa	- 1	Provent a records arround, by our plantage	<del>,</del>
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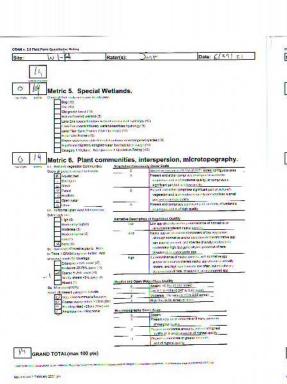
-W-1-6	Rater(s):	JW67	Date: GIZR X
14			
Metric 5. Special V			
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Labo Feli obsessibilitacija y na Labo Plate Gard Frakter (Co.	Usind-restricted hydro Operange (10)	legy 5%	
Falle Wei Prince (5))  Kenny recommend page feder			
Significant interview countries	water low heater or	CHASA (FE)	
Data year 1 Washing See Co.	Man Consider H	14-6 (-)(D)	
Metric 6. Plant cor	nmunities	, interspersion	, microtopography
Store of presenting the Agent.	Vegetation G	metanty Cover Scale	=2.0m (0.3074 2000 passing copyrate
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D Seas		algebranch and a c	finaderes out by aconcycles
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Modernaly Sobits	Namaties the	registers of Vegetation Quality	
DANGE OF US		dhiumance silenn	ther predominance of this subverse.
D Notice (1)	mod	Name agree days	are component of the analysis.
X Nove (0)		manufaction proper	and species reversely reach rate to
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or decard passes has asserting	les.	A predominar on a re	for service with nontrinology
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Sparse SASTA Green (1)		the presence phrase	throband or endergone ago
Account (1)	Muddle and O	we Webs Gless Quality	
54. Viscongregacity.	-	Above -01th of 24	
O sharper terrapatances	- 1	University of the party of the	2.47 in 2.63 money
27 Course woody received there at the received should observe the original		right, 4ha (E.S.) nown	
Arghitian breeding and		by Conce Strate	
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		of received quality	part orthogy commen
		Present is manufactured	routs, birect of raping
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	-	and of highest qualit	
AND TOTAL(max 100 pts)			-





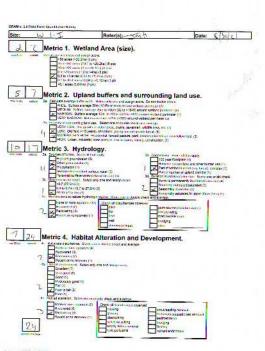
Ito:	W-1-4	Rater(s):	Janet	Date: [125/24
on I	Metric 1. Weti			8
37	Metric I. Wet		e).	
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	10 kings up to 14 kg	4.10, 150 (4 pts)		
	2 to + 90 norm /1.2 to 0 X to +2 norm (0, 12	round Shart (Shart)		
	2.1 to >0.2 sows (0.0 of 1 sorts 30.04 ad (	the fill purel to our to		
30	2			
6	Metric 2. Upla	nd buffers ar	nd surrounding	land use.
ne.15ye =	WCC Target have	ich. Seed only one ard : exists (1968) or second	temperature. No extremit the	<b>a</b> ,
	M-13 BM, Bull-y ga	grade 25m to +50m (32 m-	The William west on State Concerns to	riti
		fore everage vitters (4000)	to +525) around wedness provide income wednest a remoter (C)	4+171
	- Zv. Tiktolik of surrounding lan	charte. Section are no design	For character and an arrage : SWCSTANE , with fire come with (T)	
		waveless was a party of the party of	acond proofs forest 57	
12	ESH Attacked	A voor publie row one	on, such Compared on tillage, no Sing risking, and analysis (1)	No this was have not
11	Metric 3. Hydr			
11 King	At Sharper of Wales, Source	That again.	M. Cornecting.	Second City was
	ligh pili groundwaw hilliam remandwater (3		200 year	residuar(II) streety-biological return begronings (T)
	Z Precorder (1) Secondo product		Part man	Surefunded to a forest common to
	Personal sufficience of	military or wingers (5)	At Charles and	etenic operaciones (f) vicalestation. Som unos designic
	(A) Municipality water depth. Sel		Service Service	in notice by increased between (it)
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	Or. Modifications to har analysis	Ann Louis Score ore	P SORIA CANA DEL CANADA	y 600 (100 of 11 (100 of 100 of 100 of 10
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	*7 % Resonant (1)	100	Carp pro-	
	C Flagger or on microsing	(1)	conditions.	OT track
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< 1	4			
3 .	Metric 4. Habit	at Alteration	and Developm	ent.
and the same	Plant of time appared	1(P)	Livers	
	7 Z Recovered (2)			
	do Mater conference Galactic	01		
	Foundard (C)			
	(Very gonz (E)			
	Vederank gant (f)			
	Coordinate (%)			
	4c rights storm Surger	or double share long, and	25	
	Reserve apparen			
	of Honorara (2)	Travely purity	ASSESSED A	ng reproved English of a street might
	Decarrie in terrority	Mechaning selection to a	tentenents.	ig#
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13	4	money debra	MATERIA	227.202
11	4 J	and together	Tables	Street.

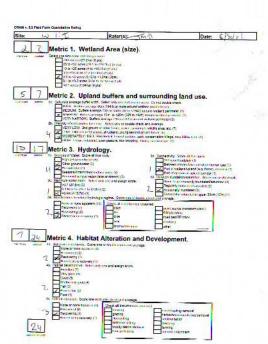
Water out the



In 1- 1-8	Rater(s):	JME	Date: 4/29/ Z
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	AND DESCRIPTION OF THE PERSON		
I place where I	ossan hitoday worked rockwise Technic Rand Policies (Oak Openings) (10)	- 470	
Railer Wet 1	Trains (10)	termed marks (III)	
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14	Windows San Granter & October 10	00	
			microtopography.
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of Madities			column out ty or complicate and
C Oper with		Council of high as	copylitizer past, drimans, of wedler file
Co. bolizfal tiller e	recompanion	vegetation and is of	spracely.
Standards pre.	Sarrette-Dr	ampton of Vegetation Quality	
Moderney		Lowingershouldfords	r predominance of precision or
Madende (1		description to the second	ticorporation in wanters
Moderancy Lond (1)	CF 2	all reach reproductive to	White the party party have now
of King 90		con and the present.	ers apector density in dente to grow dyn's presence of rec
	gregation Rate	The warrent or endang	
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to Table 1 CHAMILIA			
to Table 1 CHAMING	775 eaver (-6)	INVESTIGATION IN	Spring more reproduced by Atlanty
to Table 1 CHAM has a maken paints for or gates and 2 Moderna 2	735 parer (-6) 5-r66, visite (-6)	source of the state of the stat	Execute and of the first and of the second o
to Table 1 CHASH use  or min or points for or  original or  Objects 20  Square 200	Fith cover (45) Script, world (45) Fith cover (41) Script (45) Script (45)	describeration of all the grant of the grant of the con-	Electricy and of its . In a new Assign.
to Table 1 CHASH use  or will be pointed for or  solution with  Voderpa 247  Spend (1)	The enter (4)  Sings, under (4)  The cover (4)  Service under (6)  Mudful and	Open Motor Chart Call (1977)  About 21 100 (1977)	Exemply and of the first should, be a second of the second
to Taple 1 Central line  in a line of points for to  control of the control  Observa 25  Observa 25  Observa 26  Note of (1)  Observa 26	The cover (4)  Single (1)  Single (1)  Single (1)  Single (1)  MacFallet  Other (2)	Open Mary Class Cashy  Dept. Mary Cashy  Dept. Mary Class Cashy  Dept. Mary Cashy  D	Execute and other factors assets, the second of the second
to Table 1 (MASS line  results of policy for or  line of the second of t	This cover (4)  Sold over (4)  This cover (4)  Sold over (4)  Matter over (5)  Other cover (6)  Other cover (6)	Open More Class Confey Decreased of noting Decreased of noting Above the 1924 Decrease of the 1924 Decrease of the 1924	County and other to the shoots to the shoots of the shoots
to Table 1 (Messaline  and of States for or  other with  forested to the	Title core (45)  2- (5) unit (4)  2- (5) unit (4)  3- (5) unit (4)  3- (5) unit (4)  4- (5) unit (4)  4- (5) unit (5)  4- (5) unit (6)  4- (5) unit (6)  4- (6) unit (6) unit (6) unit (6)  4- (6) unit	Section for the control of the contr	County and other to the shoots to the shoots of the shoots
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to Tagle 10 Metal live is already for our solves fo	Title core (45)  2- (5) unit (4)  2- (5) unit (4)  3- (5) unit (4)  3- (5) unit (4)  4- (5) unit (4)  4- (5) unit (5)  4- (5) unit (6)  4- (5) unit (6)  4- (6) unit (6) unit (6) unit (6)  4- (6) unit	Section Commission of Management Commission of the Commission of t	County and other to the shoots to the shoots of the shoots
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to Tagle 10 Metal live is already for our solves fo	700 com (40) - 100 co	Section Commission of Management Commission of the Commission of t	change and day, for the shoops, beyond of endangered as, street, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specifications, specif

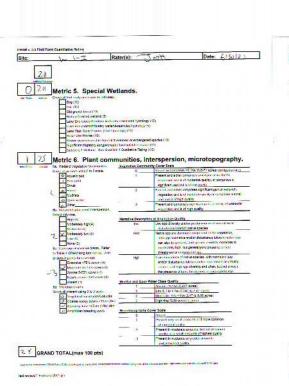
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	Signatured may dury company to Conveyor I Westerd, See Queen			
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0 11	Metric 6. Plant com	munities,	interspersion, mic	rotopography.
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	de. Coverago et involve places. Refer-		moderate high but geneta	
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			the property of the House	rad or interagrantical
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	(d. Maragography	WEEPER POR CO	MARGACE - 10.18 m 12.247 (MAIL.)	
	Span of arrest sting the Stones		Law 0.1 (p. 11 to p. 247 to 24	word
	CA CHEST AND THE PROPERTY OF THE PARTY OF TH		United to Help (2.4) had	SE AUMO
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Site:	in	155	Rater(s): Sm	1	Date:	\$130/21	
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		20. Internity of surround	W. Muffers everage of Dr. (*12t) account a rg land use. Release on months of solu-	C COURSE.			
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1 2	Metric 6. Plant com	munitie	es, inte	rspersion, m	ilcrotopography.
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	AND TOTAL mex 100 pts)				

Site: \	730	N. Delehos to Rockhill Rater(s): JMH	Date: 6   3 ·   21
0	0	Metric 1. Wetland Area (size).	
max 6 pts.	subtotal	Select one size class and assign score.  >50 acres (>20.2ha) (6 pts)  25 to <50 acres (10.1 to <20.2ha) (5 pts)  10 to <25 acres (4 to <10.1ha) (4 pts)  3 to <10 acres (1.2 to <4ha) (3 pts)  0.3 to <3 acres (0.12 to <1.2ha) (2pts)  0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt)    <0.1 acres (0.04ha) (0 pts)	
1	١	Metric 2. Upland buffers and surrounding land use.	
max 14 pts.	subtotal	2a. Calculate average buffer width. Select only one and assign score. Do not double check.  WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7)  MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4)  NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (1)  VERY NARROW. Buffers average <10m (<32ft) around wetland perimeter (0)  2b. Intensity of surrounding land use. Select one or double check and average.  VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7)  LOW. Old field (>10 years), shrub land, young second growth forest. (5)  MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallowed the second provider of the second pro	ow field. (3)
/	,	► HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)  Metric 3. Hydrology.	
max 30 pts.	subtotal	Precipitation (1) Seasonal/Intermittent surface water (3) Perennial surface water (lake or stream) (5)  3c. Maximum water depth. Select only one and assign score.  >0.7 (27.6in) (3)  0.4 to 0.7m (15.7 to 27.6in) (2)  Part of wetland/up Part of vetland/up Part of vetland/up Part of wetland/up Part of vetland/up Part of wetland/up Part of vetland/up Part of wetland/up Part of vetland/up Part of vetland/up Part of wetland/up Part of vetland/up Part	in (1) lake and other human use (1) pland (e.g. forest), complex (1) rupland corridor (1) uration. Score one or dbl check ently inundated/saturated (4) ted/saturated (3) ated (2) ated in upper 30cm (12in) (1)
_		Metric 4. Habitat Alteration and Development.	
<b>8</b> max 20 pts.	14. subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4)  Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	noval atic bed removal
Si	14 ubtotal this p	woody debris removal farming toxic pollutants nutrient enrichme	ent

Site: 1700 N. Delphas to Rockhill Rater	(s): ゴル	H Date: 6 30/21
subtotal first page 이 기니 Metric 5. Special Wetlan	ıds.	
Check all that apply and score as indicated.  Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetland-take Erie coastal/tributary wetland-take Plain Sand Prairies (Oak Oper Relict Wet Prairies (10) Known occurrence state/federal three	restricted hydro nings) (10) eatened or end	angered species (10)
Significant migratory songbird/water	fowl habitat or	usage (10)
Category 1 Wetland. See Question	itios int	erspersion, microtopography.
-2 11		Community Cover Scale
max 20 pts. subtotal 6a. Wetland Vegetation Communities.  Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.2471 acres) contiguous area
Aquatic bed Emergent	1	Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality
O Shrub O Forest Mudflats Open water	2	Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality
Other	3	Present and comprises significant part, or more, of wetland's vegetation and is of high quality
6b. horizontal (plan view) Interspersion.	-	vegetation and is of high quality
Select only one. High (5)	Narrative D	escription of Vegetation Quality
Moderately high(4) Moderate (3)	low	Low spp diversity and/or predominance of nonnative or disturbance tolerant native species
Moderately low (2) Low (1) None (0) 6c. Coverage of invasive plants. Refer to Table 1 ORAM long form for list. Add	mod	Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native spp can also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp
or deduct points for coverage  Extensive >75% cover (-5)  Moderate 25-75% cover (-3)  Sparse 5-25% cover (-1)	high	A predominance of native species, with nonnative spp and/or disturbance tolerant native spp absent or virtually absent, and high spp diversity and often, but not always, the presence of rare, threatened, or endangered spp
Nearly absent <5% cover (0)		
Absent (1)		d Open Water Class Quality
6d. Microtopography.	1	Absent <0.1ha (0.247 acres) Low 0.1 to <1ha (0.247 to 2.47 acres)
Score all present using 0 to 3 scale.	2	Moderate 1 to <4ha (2.47 to 9.88 acres)
Vegetated hummucks/tussucks Coarse woody debris >15cm (6in)	3	High 4ha (9.88 acres) or more
Standing dead >25cm (10in) dbh Amphibian breeding pools		graphy Cover Scale
	0	Absent
	1	Present very small amounts or if more common of marginal quality
	2	Present in moderate amounts, but not of highest quality or in small amounts of highest quality
	3	Present in moderate or greater amounts and of highest quality

Site:	\ V_	Rater(s): ML	Date: 6/30/23
	Metric 1. Wetland	Area (size).	, ,
max 6 pts	Select one size class and assign so >50 acres (>20.2ha) (6 p 25 to <50 acres (4 to <10 3 to <10 acres (1.2 to <4 0.3 to <3 acres (0.12 to <0.1 to <0.3 acres (0.04 to <0.1 to <0.3 acres (0.04 to <0.1 to <0.3 acres (0.04 to <0.1 to	core. ts) <20.2ha) (5 pts) .1ha) (4 pts) na) (3 pts) :1.2ha) (2pts) o <0.12ha) (1 pt)	
7	Solution (0.04ha) (0 pt control of the control o	<sub>ல்</sub> uffers and surroundin	g land use.
max 14 pts.	WIDE. Buffers average & MEDIUM. Buffers average & NARROW. Buffers average & VERY NARROW. Buffers average & VERY NARROW. Buffer & VERY LOW. 2nd growth LOW. Old field (>10 year MODERATELY HIGH. F	Select only one and assign score. Do r 50m (164ft) or more around wetland pering 25m to <50m (82 to <164ft) around we age 10m to <25m (32ft to <82ft) around v s average <10m (<32ft) around wetland y se. Select one or double check and aver or older forest, prairie, savannah, wildlifers), shrub land, young second growth fore tesidential, fenced pasture, park, conservopen pasture, row cropping, mining, conservore.	neter (7)  Itland perimeter (4)  wetland perimeter (1)  perimeter (0)  age.  a area, etc. (7)  ast. (5)  ation tillage, new fallow field. (3)
5	Metric 3. Hydrolog		
max 30 pts.	subtotal  3a. Sources of Water. Score all th High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent sur Perennial surface water ( 3c. Maximum water depth. Select >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6i) <0.4m (<15.7in) (1) 3e. Modifications to natural hydrology None or none apparent ( Recovered (7) Recovering (3) Recent or no recovery (1	face water (3) lake or stream) (5) 3d. Due only one and assign score.  (a) (2) (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	point source (nonstormwater)  filling/grading road bed/RR track dredging
31	1 31 5 71	stormwater input  Ilteration and Develop	ment.
max 20 pts.	subtotal  4a. Substrate disturbance. Score of Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select of Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one of	4) nly one and assign score.	
s	None or none apparent (Secovered (6)) Recovering (3) Recent or no recovery (1)  ubtotal this page	Check all disturbances observed mowing grazing	shrub/sapling removal herbaceous/aquatic bed removal sedimentation dredging farming nutrient enrichment

Site:	1-14	Rater(s):	) pr H	Date: 6/36/2)
Su	btotal first page	lotlanda		
0	Metric 5. Special W	etiands.		
max 10 pts.	subtotal Check all that apply and score as ind	icated.		
	Bog (10)			
	Fen (10)			
	Old growth forest (10)			
	Mature forested wetland (5			
	Lake Erie coastal/tributary			
	Lake Erie coastal/tributary		yarology (5)	
	Lake Plain Sand Prairies (10)	Jak Openings) (10)		
	Known occurrence state/fe	deral threatened or	endangered species (10)	
	Significant migratory songl		•	
	Category 1 Wetland. See	Question 1 Qualitati	ve Rating (-10)	
	Metric 6. Plant com	munities, i	nterspersion mi	crotopography
-)	16.7			c.c.cpcg.upy.
max 20 pts.	subtotal 6a. Wetland Vegetation Communitie	s. Vegeta	tion Community Cover Scale	
	Score all present using 0 to 3 scale.	0	·	.1ha (0.2471 acres) contiguous area
	Aquatic bed	1	Present and either comp	orises small part of wetland's
	<u>i</u> Emergent		vegetation and is of mo	oderate quality, or comprises a
	Shrub		significant part but is o	
	Forest	2		orises significant part of wetland's
	Mudflats Open water		part and is of high qua	oderate quality or comprises a small
	Open water Other	3		significant part, or more, of wetland's
	6b. horizontal (plan view) Interspers	_	vegetation and is of high	
	Select only one.		Togotadon and to of mis	gir quanty
	High (5)	Narrativ	e Description of Vegetation (	
	Moderately high(4)	lov	I	predominance of nonnative or
	Moderate (3)		disturbance tolerant na	
	Moderately low (2) Low (1)	mo		t component of the vegetation,  d/or disturbance tolerant native spp
	None (0)			nd species diversity moderate to
	6c. Coverage of invasive plants. Re	fer		enerally w/o presence of rare
	to Table 1 ORAM long form for list. A		threatened or endange	
	or deduct points for coverage	hig	h A predominance of nativ	e species, with nonnative spp
	Extensive >75% cover (-5)		and/or disturbance tole	erant native spp absent or virtually
	Moderate 25-75% cover (-	3)		liversity and often, but not always,
	Sparse 5-25% cover (-1)		the presence of rare, the	hreatened, or endangered spp
	Nearly absent <5% cover ( Absent (1)		and Open Water Class Quali	<b>6</b> 17
	6d. Microtopography.	0	Absent <0.1ha (0.247 a)	
	Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 t	
	Vegetated hummucks/tuss	ucks 2	Moderate 1 to <4ha (2.4	
	Coarse woody debris >150			
	Standing dead >25cm (10i	n) dbh		· · · · · · · · · · · · · · · · · · ·
	Amphibian breeding pools		pography Cover Scale	
		0	Absent	
		1	Present very small amou	ints or it more common
		2	of marginal quality	ounts but not of high
		2	Present in moderate amo	
		3	Present in moderate or g	
		3	and of highest quality	predict amounts

Site: 1730 N	Delphus to Rockhill 1	Rater(s): TMH	Date: (,   30   z
0 D	Metric 1. Wetland Ar	ea (size).	
max 6 pts. subtotal	Select one size class and assign score	.2ha) (5 pts) a) (4 pts) (3 pts) ha) (2pts)	
7 7	Metric 2. Upland buf	fers and surroundin	g land use.
max 14 pts. subtotal	MEDIUM. Buffers average 2 NARROW. Buffers average VERY NARROW. Buffers average 2 NARROW. Buffers average 3 NARROW. Buffers average	(164ft) or more around wetland perint 25m to <50m (82 to <164ft) around we 10m to <25m (32ft to <82ft) around we verage <10m (<32ft) around wetland p	neter (7) Itland perimeter (4) Wetland perimeter (1) Werimeter (0) Werimeter (1) Werim
7 14	Metric 3. Hydrology.		auction. (1)
max 30 pts. subtotal	3a. Sources of Water. Score all that a High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lak 3c. Maximum water depth. Select onl >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (1) 4. O.4m (<15.7in) (1) 3e. Modifications to natural hydrologic	e water (3) e or stream) (5) y one and assign score.	nnectivity. Score all that apply.  100 year floodplain (1) Between stream/lake and other human use (1) Part of wetland/upland (e.g. forest), complex (1) Part of riparian or upland comidor (1) reation inundation/saturation. Score one or dbl chect Semi- to permanently inundated/saturated (4) Regularly inundated/saturated (3) Seasonally inundated (2) Seasonally saturated in upper 30cm (12in) (1) and average.
	None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)	Check all disturbances observed ditch tile dike weir stormwater input	point source (nonstormwater) filling/grading road bed/RR track dredging other
6 20	Metric 4. Habitat Alt		
max 20 pts. subtota		e or double check and average.	
subtotal this	None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	Check all disturbances observed mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling removal herbaceous/aquatic bed removal sedimentation dredging farming nutrient enrichment

ite: \	770	N. D	Polehos to Rockhill Rat	ter(s): 万心	1H Date: 6/30/21
- 1	20				
	btotal first pa	]			
şu	ototal first pa	_	tric E Chasial Wat	anda	
0	20	IVI	etric 5. Special Wetl	anus.	
	1.55	]			
x 10 pts.	subtotal	Che	ck all that apply and score as indicated Bog (10)	1.	
			Fen (10)		
			Old growth forest (10)		
			Mature forested wetland (5)		
			Lake Erie coastal/tributary wetla		
		0	Lake Erie coastal/tributary wetla		blogy (5)
		•	Lake Plain Sand Prairies (Oak C Relict Wet Prairies (10)	penings) (10)	
			Known occurrence state/federal	threatened or end	angered species (10)
			Significant migratory songbird/w	rater fowl habitat or	r usage (10)
			Category 1 Wetland. See Ques	tion 1 Qualitative F	Rating (-10)
	. 0	M	etric 6. Plant commi	unities, inf	terspersion, microtopography.
1	19		strio or i lant commit	anner00, m	.o.opo.o.o.,
20 pts.	subtotal	Ба	Wetland Vegetation Communities.	Vegetation	Community Cover Scale
p			re all present using 0 to 3 scale.	0	Absent or comprises < 0.1ha (0.2471 acres) contiguous ar
			Aquatic bed	1	Present and either comprises small part of wetland's
			, Emergent		vegetation and is of moderate quality, or comprises a
			Shrub		significant part but is of low quality
		1	Forest	2	Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a sm
		177	Mudflats		part and is of high quality
			Open water	3	Present and comprises significant part, or more, of wetlan
		6h	Otherhorizontal (plan view) Interspersion.	9	vegetation and is of high quality
1,2			ect only one.	1	
			High (5)	Narrative D	Description of Vegetation Quality
			Moderately high(4)	low	Low spp diversity and/or predominance of nonnative or
		1	Moderate (3)		disturbance tolerant native species
		(	Moderately low (2)	mod	Native spp are dominant component of the vegetation,
			K Low (1)		although nonnative and/or disturbance tolerant native sp can also be present, and species diversity moderate to
		0-	None (0) Coverage of invasive plants. Refer		moderately high, but generally w/o presence of rare
		to T	able 1 ORAM long form for list. Add		threatened or endangered spp
			educt points for coverage	high	A predominance of native species, with nonnative spp
		or u	Extensive >75% cover (-5)	504 <del>=</del> 045	and/or disturbance tolerant native spp absent or virtually
			Moderate 25-75% cover (-3)		absent, and high spp diversity and often, but not always
		-3	Sparse 5-25% cover (-1)	Section 1	the presence of rare, threatened, or endangered spp
	775	- 5	Nearly absent <5% cover (0)	22 .2 .	
			Absent (1)		d Open Water Class Quality
		6d.	Microtopography.	0	Absent <0.1ha (0.247 acres) Low 0.1 to <1ha (0.247 to 2.47 acres)
		Scor	e all present using 0 to 3 scale.  vegetated hummucks/tussucks	No. of the last of	Moderate 1 to <4ha (2.47 to 9.88 acres)
			<ul> <li>Vegetated hummucks/tussucks</li> <li>Coarse woody debris &gt;15cm (6i)</li> </ul>	(n) 2	High 4ha (9.88 acres) or more
		0	6 Standing dead >25cm (10in) db		1
			Amphibian breeding pools	Microtopo	graphy Cover Scale
					Absent
				0	
				1	Present very small amounts or if more common of marginal quality
					Present very small amounts or if more common

19

Site:		n	Rater(s):	JMA	Date: (130 21
	M	etric 1. Wetland A	rea (size).		
max 6 pts.	subtotal Sel	lect one size class and assign scor >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <2 10 to <25 acres (4 to <10.1 3 to <10 acres (1.2 to <4ha 0.3 to <3 acres (0.12 to <1. 0.1 to <0.3 acres (0.04 to < <0.1 acres (0.04ha) (0 pts)	0.2ha) (5 pts) ha) (4 pts) ) (3 pts) 2ha) (2pts)		
1 1	7 M	etric 2. Upland bu	ffers and s	surrounding	land use.
max 14 pts.	2b.	HIGH. Urban, industrial, op	m (164ft) or more an 25m to <50m (82 to e 10m to <25m (32 average <10m (<32 Select one or dour older forest, prairie, shrub land, young sidential, fenced pastern pasture, row cro	round wetland perime to <164ft) around wetland to <82ft) around wetland periodic to check and average, savannah, wildlife a second growth foreststure, park, conservat	ter (7) and perimeter (4) tland perimeter (1) rimeter (0) ge. rea, etc. (7) . (5) ion tillage, new fallow field. (3)
151	M	étric 3. Hydrology	•		
max 30 pts	3c.	Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lak Maximum water depth. Select on >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in)  <0.4m (<15.7in) (1) Modifications to natural hydrologic Recovered (7) Recovering (3)	ce water (3) se or stream) (5) ly one and assign s (2) c regime. Score on	3d. Dura core.	nectivity. Score all that apply.  100 year floodplain (1)  Between stream/lake and other human use (1) Part of wetland/upland (e.g. forest), complex (1) Part of riparian or upland corridor (1) tion inundation/saturation. Score one or dbl check. Semi- to permanently inundated/saturated (4) Regularly inundated/saturated (3) Seasonally inundated (2) Seasonally saturated in upper 30cm (12in) (1) d average.  point source (nonstormwater) filling/grading
	<b>(</b> )	Recent or no recovery (1)	dike weir stormwater	input	road bed/RR track dredging other
Rt (	17.5 M	letric 4. Habitat Alt	teration an	d Developn	nent.
max 20 pts.	\5 4b.	Substrate disturbance. Score one None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) Habitat development. Select only Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1) Habitat alteration. Score one or compared to the compared to th	one and assign so	ore. verage.	
[ su	// S bitotal this page	None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	Check all disturb mowing grazing clearcutting selective c	ances observed  utting ris removal	shrub/sapling removal herbaceous/aquatic bed removal sedimentation dredging farming nutrient enrichment

Site:		- M	Rater(s):	TMI	Date: 6/38/21
SL	btotal first pag	。 Metric 5. Special V	Votlande		
O	125	Metric 5. Special V	velianus.		
max 10 pts.		Check all that apply and score as inc Bog (10) Fen (10) Old growth forest (10) Mature forested wetland ( Lake Erie coastal/tributary Lake Plain Sand Prairies (10) Known occurrence state/fi Significant migratory song Category 1 Wetland. See	5) y wetland-unrestricted hy y wetland-restricted hyd (Oak Openings) (10) ederal threatened or en bird/water fowl habitat Question 1 Qualitative	dangered species (10) or usage (10) Rating (-10)	
3	15,5	Metric 6. Plant con	nmunities, in	terspersion, microto	ppograpny.
max 20 pts.		6a. Wetland Vegetation Communitie	****	n Community Cover Scale	
		Score all present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.24	
		Aquatic bed Emergent	1	Present and either comprises small	
	-	Shrub		vegetation and is of moderate q significant part but is of low qua	
		Forest	2	Present and either comprises sign	
		Mudflats		vegetation and is of moderate q	
		Open water		part and is of high quality	<b>,,</b>
		Other	3	Present and comprises significant	part, or more, of wetland's
		6b. horizontal (plan view) Interspers	ion.	vegetation and is of high quality	-
	;	Select only one.			
		High (5)	Narrative	Description of Vegetation Quality	
		Moderately high(4)	low	Low spp diversity and/or predomin	nance of nonnative or
		Moderate (3)		disturbance tolerant native spec	eies
	Ì	Moderately low (2)	mod	Native spp are dominant compone	ent of the vegetation,
		Low (1)		although nonnative and/or distu	rbance tolerant native spp
		None (0)		can also be present, and specie	•
		6c. Coverage of invasive plants. Re		moderately high, but generally v	v/o presence of rare
		to Table 1 ORAM long form for list.		threatened or endangered spp	
	•	or deduct points for coverage	high	A predominance of native species	
		Extensive >75% cover (-5)		and/or disturbance tolerant nativ	•
	()	Moderate 25-75% cover (-	(3)	absent, and high spp diversity a	-
	0	Sparse 5-25% cover (-1)	(0)	the presence of rare, threatened	i, or endangered spp
		Nearly absent <5% cover Absent (1)		nd Open Water Class Quality	
		6d. Microtopography.	0	Absent <0.1ha (0.247 acres)	
		Score all present using 0 to 3 scale.	1	Low 0.1 to <1ha (0.247 acres)	res)
	·	Vegetated hummucks/tuss		Moderate 1 to <4ha (2.47 to 9.88	<del></del>
	C	¿ Coarse woody debris >150		High 4ha (9.88 acres) or more	
	(6)	Standing dead >25cm (10	` ′	13	
		Amphibian breeding pools	Microtopo	graphy Cover Scale	
		<del></del>	0	Absent	
			1	Present very small amounts or if r of marginal quality	
			2	Present in moderate amounts, but quality or in small amounts of hi	
			3	Present in moderate or greater an	
14.				and of highest quality	

Site:	1-1	Rate	er(s): Junt		Date: (/36/2/
1		<del></del>			
0	) M	etric 1. Wetland Area	(size).		
max 6 pts.	subtotal Sele	ect one size class and assign score.  >50 acres (>20.2ha) (6 pts)  25 to <50 acres (10.1 to <20.2ha)  10 to <25 acres (4 to <10.1ha) (4 to <10 acres (1.2 to <4ha) (3 pts)  0.3 to <3 acres (0.12 to <4.2ha) (2 to <	pts) (c) (pts)		
5	M	etric 2. Upland buffer	s and surrour	nding land use.	
max 14 pts.	)	Calculate average buffer width. Select of WIDE. Buffers average 50m (164 MEDIUM. Buffers average 25m to NARROW. Buffers average 10m VERY NARROW. Buffers average 10m VERY LOW. 2nd growth or older LOW. Old field (>10 years), shrub MODERATELY HIGH. Residential HIGH. Urban, industrial, open pas	ft) or more around wetland 0 <50m (82 to <164ft) aro to <25m (32ft to <82ft) are e <10m (<32ft) around we ct one or double check ard forest, prairie, savannah, o land, young second grown, al, fenced pasture, park, co	d perimeter (7) und wetland perimeter (4) round wetland perimeter (1) etland perimeter (0) nd average. wildlife area, etc. (7) with forest. (5) conservation tillage, new fallo	ow field. (3)
6	M	etric 3. Hydrology.			
max 30 pts.	3c.	Sources of Water. Score all that apply.  High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface water Perennial surface water (lake or st Maximum water depth. Select only one >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2) <0.4m (<15.7in) (1) Modifications to natural hydrologic regiments of the process of the proces	tream) (5) and assign score.	Part of wetland/u Part of riparian of 3d. Duration inundation/sat Semi- to permand Regularly inunda Seasonally inunda Seasonally satura check and average.	in (1) lake and other human use (1) pland (e.g. forest), complex (1) rupland corridor (1) uration. Score one or dbl check. ently inundated/saturated (4) ted/saturated (3) ated (2) ated in upper 30cm (12in) (1)
			weir stormwater input	dredging other	
95	$ _{15.5} $ M	etric 4. Habitat Altera	tion and Deve	elopment.	
max 20 pts.	∫, <b>5</b> 4b.	Substrate disturbance. Score one or do None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) Habitat development. Select only one a Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1) Habitat alteration. Score one or double	nd assign score.		
s	ubtotal this page	None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	ck all disturbances obser mowing grazing clearcutting selective cutting woody debris removal toxic pollutants	shrub/sapling ren herbaceous/aqua sedimentation dredging farming nutrient enrichme	itic bed removal

Site:	,	- N	Rater(s):	JMIL	Date: <b>√</b> /3,121
()	ubtotal first pa	Metric 5. Specia	ıl Wetlands.		
nax 10 pts.	subtotal	Check all that apply and score Bog (10)	as indicated.		
		Fen (10) Old growth forest (10) Mature forested wetl Lake Erie coastal/trit Lake Erie coastal/trit Lake Plain Sand Pra Relict Wet Prairies (1	and (5) butary wetland-unrestricted butary wetland-restricted hy iries (Oak Openings) (10)	drology (5)	
		Significant migratory	songbird/water fowl habitat	or usage (10)	
```	1//	7 <del></del>	See Question 1 Qualitative communities, it		nicrotopography.
ax 20 pts.	\$ 5.5			-	
1X 20 pts.	Subtotal	6a. Wetland Vegetation Comn Score all present using 0 to 3 s		on Community Cover Sca Absent or comprises	<0.1ha (0.2471 acres) contiguous area
		Q Aquatic bed	1		emprises small part of wetland's
		Emergent			f moderate quality, or comprises a
		Shrub		significant part but	is of low quality
	_	Forest	2	Present and either co	omprises significant part of wetland's
	7	<u>്</u> Mudflats		"	f moderate quality or comprises a small
	(	Open water		part and is of high o	
		Other	3		es significant part, or more, of wetland's
		6b. horizontal (plan view) Inter	spersion.	vegetation and is o	f high quality
		Select only one. High (5)	Narrative	e Description of Vegetation	on Quality
		Moderately high(4)	low		d/or predominance of nonnative or
		Moderate (3)		disturbance toleran	t native species
		Moderately low (2)	mod	Native spp are domin	nant component of the vegetation,
		\ Low (1)		_	and/or disturbance tolerant native spp
		None (0)			t, and species diversity moderate to
		6c. Coverage of invasive plant		,	ut generally w/o presence of rare
		to Table 1 ORAM long form for		threatened or enda	
		or deduct points for coverage	high	I '	ative species, with nonnative spp
		Extensive >75% cov		F	tolerant native spp absent or virtually
	-	Moderate 25-75% co Sparse 5-25% cover	* *		op diversity and often, but not always, e, threatened, or endangered spp
	- '	Nearly absent <5% of	· ·	the presence of fair	e, threatened, or endangered spp
		Absent (1)		and Open Water Class Qu	ıality
		6d. Microtopography.	0	Absent <0.1ha (0.24	
		Score all present using 0 to 3 s		Low 0.1 to <1ha (0.24	
		( ) Vegetated hummuck		Moderate 1 to <4ha	
		Coarse woody debris		High 4ha (9.88 acres	·
		Standing dead >25cr	` '	13 (5.2.2.2.3.00	,
		Amphibian breeding	'	ography Cover Scale	
			0	Absent	
			1	Present very small ar of marginal quality	mounts or if more common
			2		amounts, but not of highest
			2	quality or in small a	mounts of highest quality
			3	Present in moderate	or greater amounts
11				and of highest quali	

15,5

Site: N	cryn	Del	phos - fockhill Rater(s): E. Wils	000	Date: 6/30/2021
^	<b>A</b>	Me	tric 1. Wetland Area (size).		
0	0				
nax 6 pts.	subtotal	Selec	t one size class and assign score.		
		-	>50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <20.2ha) (5 pts)		
		İ	10 to <25 acres (4 to <10.1ha) (4 pts)		
			3 to <10 acres (1.2 to <4ha) (3 pts)		- P.
		-	0.3 to <3 acres (0.12 to <1.2ha) (2pts) 0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt)		
			<0.1 acres (0.04ha) (0 pts)		
5	5	Me	tric 2. Upland buffers and surro	ounding land use.	
ax 14 pts.	subtotal	] 2a (	alculate average buffer width. Select only one and assign s	score. Do not double check	
	14.000	2a. [	WIDE. Buffers average 50m (164ft) or more around we		
			MEDIUM. Buffers average 25m to <50m (82 to <164ft)	around wetland perimeter (4)	
			NARROW. Buffers average 10m to <25m (32ft to <82 VERY NARROW. Buffers average <10m (<32ft) aroun		
		2b. I	Itensity of surrounding land use. Select one or double chec		
		Į.	VERY LOW. 2nd growth or older forest, prairie, savann	nah, wildlife area, etc. (7)	
		F	LOW. Old field (>10 years), shrub land, young second		ourfield (2)
		-	MODERATELY HIGH. Residential, fenced pasture, pa HIGH. Urban, industrial, open pasture, row cropping, n		ow neid. (3)
	,	MA	tric 3. Hydrology.	inning) octoor assure (1)	
9	14	IVIC	inc 3. Trydrology.		
ax 30 pts.	subtotal	32 (	ources of Water. Score all that apply.	3b. Connectivity. Score all	that annly
an do pro-	Sobiotal	Ja.	High pH groundwater (5)	100 year floodpla	
			Other groundwater (3)	Between stream	lake and other human use 🕻
	9	)	Precipitation (1)	Part of wetland/t	pland (e.g. forest), complex
		+	Seasonal/Intermittent surface water (3)  Perennial surface water (lake or stream) (5)		r upland corridor (1) turation. Scoré one or dbl ch
		3c. N	laximum water depth. Select only one and assign score.		ently inundated/saturated (4)
			>0.7 (27.6in) (3)		ited/saturated (3)
	(1	)	0.4 to 0.7m (15.7 to 27.6in) (2) <0.4m (<15.7in) (1)	Ocasorially man	dated (2) rated in upper 30cm (12in)(1)
		3e. 1	Modifications to natural hydrologic regime. Score one or dou		ated in apper odein (12m/(1)
		ſ	None or none apparent (12) Check all disturbances of	0.00	
	(	s [	Recovered (7) ditch	point source (no	nstormwater)
	U	1	Recovering (3) tile	filling/grading	
		F	Recent or no recovery (1) dike weir	road bed/RR tra- dredging	JK
			stormwater input	other	
		1 m.a.			
H	18	IVIE	tric 4. Habitat Alteration and De	evelopment.	
20 =1=	-	], ,	Late to the desire of the second order		
ax 20 pts.	subtotal	4a. S	substrate disturbance. Score one or double check and average None or none apparent (4)	age.	
		1	Recovered (3)		
			Recovering (2)		
		4h	Recent or no recovery (1) labitat development. Select only one and assign score.		
		40.	Excellent (7)		
			Very good (6)		
			Good (5)		
			Good (5) Moderately good (4)		
			Good (5)		
			Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)		
		4c.	Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1) labitat alteration. Score one or double check and average.		
		4c.	Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1) labitat alteration. Score one or double check and average.  None or none apparent (9)  Check all disturbances of		movel
		4c.	Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1) Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovered (6)  Check all disturbances of mowing	shrub/sapling re	
		4c.	Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1) Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovered (6) Recovering (3)  Good (5)  Check all disturbances of mowing grazing	shrub/sapling re herbaceous/aqu sedimentation	moval atic bed removal
Г		4c.	Good (5)  Moderately good (4)  Fair (3)  Poor to fair (2)  Poor (1)  Rabitat alteration. Score one or double check and average.  None or none apparent (9)  Recovered (6)  Recovering (3)  Recent or no recovery (1)  Recent or no recovery (1)	shrub/sapling re herbaceous/aqu sedimentation dredging	
Γ	18	4c.	Good (5)  Moderately good (4)  Fair (3)  Poor to fair (2)  Poor (1)  Habitat alteration. Score one or double check and average.  None or none apparent (9)  Recovered (6)  Recovering (3)  Recent or no recovery (1)	shrub/sapling re herbaceous/aqu sedimentation dredging	atic bed removal

Site: ►	Lordin	Delphos - Cockhill F	Rater(s):	E.L	vilson   Date: 6/30/2021
SU	18 btotal first pa	]   Metric 5. Special We	etlands.		
0	18	Motifo of openial III	otiai iaoi		
max 10 pts.	subtotal	Check all that apply and score as indice  Bog (10)  Fen (10)  Old growth forest (10)  Mature forested wetland (5)  Lake Erie coastal/tributary wetlake Erie coastal/tributary wetlake Plain Sand Prairies (Omega Relict Wet Prairies (10)  Known occurrence state/fed  Significant migratory songbill  Category 1 Wetland. See Co	retland-unrestrict retland-restricted ak Openings) (10 eral threatened or rd/water fowl hat uestion 1 Qualita	hydrol 0) or enda oitat or ative R	angered species (10) usage (10) ating (-10)
		Metric 6. Plant com	munities,	int	erspersion, microtopography.
	19				
max 20 pts.	subtotal	6a. Wetland Vegetation Communities	Vege	tation	Community Cover Scale
		Score all present using 0 to 3 scale.	-	0	Absent or comprises <0.1ha (0.2471 acres) contiguous area
		Aquatic bed		1	Present and either comprises small part of wetland's
		Emergent   Shrub			vegetation and is of moderate quality, or comprises a
		Forest	1	2	significant part but is of low quality  Present and either comprises significant part of wetland's
		Mudflats		_	vegetation and is of moderate quality or comprises a small
		Open water			part and is of high quality
		Other	<del></del>	3	Present and comprises significant part, or more, of wetland's
		6b. horizontal (plan view) Interspersio	n.		vegetation and is of high quality
		Select only one.			
		High (5)	Narra	tive D	escription of Vegetation Quality
		Moderately high(4)	1	ow	Low spp diversity and/or predominance of nonnative or
		Moderate (3)	19-	100	disturbance tolerant native species
		Moderately low (2)	п	nod	Native spp are dominant component of the vegetation,
		None (0)			although nonnative and/or disturbance tolerant native spp can also be present, and species diversity moderate to
		6c. Coverage of invasive plants. Refe	r		moderately high, but generally w/o presence of rare
		to Table 1 ORAM long form for list. Ac	ld		threatened or endangered spp
		or deduct points for coverage	h	igh	A predominance of native species, with nonnative spp
		Extensive >75% cover (-5)			and/or disturbance tolerant native spp absent or virtually
		Moderate 25-75% cover (-3)			absent, and high spp diversity and often, but not always,
		Sparse 5-25% cover (-1)			the presence of rare, threatened, or endangered spp
		Nearly absent <5% cover (0			10 W. 1 01 0 11
		Absent (1) 6d. Microtopography.	Mudi	0	Open Water Class Quality Absent <0.1ha (0.247 acres)
		Score all present using 0 to 3 scale.	<del>}</del>	1	Low 0.1 to <1ha (0.247 to 2.47 acres)
		Vegetated hummucks/tussu	cks ——	2	Moderate 1 to <4ha (2.47 to 9.88 acres)
		Coarse woody debris >15cm		3	High 4ha (9.88 acres) or more
		Standing dead >25cm (10in)	dbh	20	
		Amphibian breeding pools	Micro	topog	raphy Cover Scale
				0	Absent
				1	Present very small amounts or if more common of marginal quality
				2	Present in moderate amounts, but not of highest
			F-12	3	quality or in small amounts of highest quality  Present in moderate or greater amounts
10					and of highest quality

	orth	Delphos - Racknill Rater(s): E. Wilson	Date: (2/30/20
^	0	Metric 1. Wetland Area (size).	
0			
nax 6 pts.	subtotal	Select one size class and assign score. >50 acres (>20.2ha) (6 pts)	
		25 to <50 acres (10.1 to <20.2ha) (5 pts)	
		10 to <25 acres (4 to <10.1ha) (4 pts)	
		3 to <10 acres (1.2 to <4ha) (3 pts) 0.3 to <3 acres (0.12 to <1.2ha) (2pts)	
		0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt)	
		<0.1 acres (0.04ha) (0 pts)	
2	2	Metric 2. Upland buffers and surrounding land use.	
ax 14 pts.	subtotal	2a. Calculate average buffer width. Select only one and assign score. Do not double check.	
		WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7)	
		MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4) NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (1)	
		VERY NARROW. Buffers average <10m (<32ft) around wetland perimeter (0)	
		2b. Intensity of surrounding land use. Select one or double check and average.	
		VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7) LOW. Old field (>10 years), shrub land, young second growth forest. (5)	
		MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow	v field. (3)
	_	HIGH. Urban, industrial, open pasture, row cropping, mining, construction.	
5	7	Metric 3. Hydrology.	
ax 30 pts.	subtotal	3a. Sources of Water. Score all that apply.  3b. Connectivity. Score all the	
		High pH groundwater (5)  100 year floodplair	
			ke and other human use ( and (e.g. forest), complex
		Seasonal/Intermittent surface water (3)  Part of riparian or u	
		Perennial surface water (lake or stream) (5) 3d. Duration inundation/satur	
			ntly inundated/saturated (4 od/saturated (3)
		>0.7 (27.6in) (3) Regularly inundate Seasonally inundate Seasonally inundate	
		<0.4m (<15.7in)(1) Seasonally saturat	ed in upper 30cm (12in)(1
		3e. Modifications to natural hydrologic regime. Score one or double check and average.	
		None or none apparent (12) Check all disturbances observed  Recovered (7) ditch point source (nons	tormwator)
		Recovered (7) ditch point source (nons filling/grading	torriwater)
		Recent or no recovery (1) dike road bed/RR track	
		weir dredging	
		stormwater inputother	
Н	11	Metric 4. Habitat Alteration and Development.	
H ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.	
H ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4)	
H ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2)	
Ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)	
ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.	
ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)	
ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5)	
Ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score. Excellent (7) Very good (6) Good (5) Moderately good (4)	
Ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3)	
Ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)	
Ax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score. Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or double check and average.	
A 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Check all disturbances observed	oval
H nax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovered (6)  Check all disturbances observed Recovered (6)	
H nax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1) Recent or no recovery (1) Recent or no recovery (1) Recovering (3) Recent or no recovery (1)	
H nax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	
H nax 20 pts.	subtotal	4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or double check and average.  None or none apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	ic bed removal

Site: North	Delphas	Rater(s):	withon Date: 6/20/20
subtotal first	Metric 5. Special	Wetlands.	
0 11	10 100 101 12 10 10 10 10 10 10 10 10 10 10 10 10 10		
max 10 pts. subtotal	Bog (10) Fen (10) Old growth forest (10) Mature forested wetland Lake Erie coastal/tribute Lake Erie coastal/tribute Lake Plain Sand Prairie Relict Wet Prairies (10) Known occurrence state Significant migratory so	d (5) ary wetland-unrestricted hy ary wetland-restricted hydr es (Oak Openings) (10)	dangered species (10) or usage (10)
1 10	Metric 6. Plant co	mmunities, in	terspersion, microtopography.
-1 10			
max 20 pts. subtotal	6a. Wetland Vegetation Commun	nities. Vegetation	Community Cover Scale
	Score all present using 0 to 3 scale Aquatic bed Emergent Shrub	le. 0	Absent or comprises <0.1ha (0.2471 acres) contiguous area Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a
39-	Forest Mudflats Open water	2	significant part but is of low quality  Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality
	6b. horizontal (plan view) Interspe	ersion. 3	Present and comprises significant part, or more, of wetland's vegetation and is of high quality
	Select only one. High (5)	Narrative I	Description of Vegetation Quality
	Moderately high(4) Moderate (3)	low	Low spp diversity and/or predominance of nonnative or disturbance tolerant native species
	Moderately low (2) Low (1) None (0)  6c. Coverage of invasive plants.	mod	Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native spp can also be present, and species diversity moderate to
	to Table 1 ORAM long form for list	t. Add	moderately high, but generally w/o presence of rare threatened or endangered spp
	or deduct points for coverage  Extensive >75% cover (  Moderate 25-75% cover (-1)  Sparse 5-25% cover (-1)	(3)	A predominance of native species, with nonnative spp and/or disturbance tolerant native spp absent or virtually absent, and high spp diversity and often, but not always, the presence of rare, threatened, or endangered spp
	Nearly absent <5% coverage Absent (1)		
	6d. Microtopography.	0	d Open Water Class Quality Absent <0.1ha (0.247 acres)
	Score all present using 0 to 3 scale	e. 1	Low 0.1 to <1ha (0.247 to 2.47 acres)
	Vegetated hummucks/tu		Moderate 1 to <4ha (2.47 to 9.88 acres)
	Coarse woody debris >1 Standing dead >25cm (**	10in) dbh	High 4ha (9.88 acres) or more
	Amphibian breeding poo	The state of the s	graphy Cover Scale
		0	Absent Present very small amounts or if more common of marginal quality
		2	Present in moderate amounts, but not of highest quality or in small amounts of highest quality
10		3	Present in moderate or greater amounts and of highest quality

Metric 1. Wetland Area (size).  Select one size class and assign score.  -50 scres (-20.2ha) (6 pts) -20 to <50 scres (-20.2ha) (6 pts) -20 to -50 scres (-20.2ha) (6 pts) -20 to -60 scres (-20.2ha) (6 pts) -20 to -60 scres (-20.2ha) (6 pts) -20 to -60 scree (-20.2ha) (7 pts) -20 to -60 scree (-2	Site:	1-15	Rater(s):	Date: 6/30/2/
Select one size class and assign score  2-50 acres (-20 2ha) (6 pb)  2-50 acres (-20 2ha) (6 pb)  2-50 acres (-20 2ha) (6 pb)  10 to -25 acres (-10 <10. tha) (4 pls)  3 to <10 acres (1.2 to <4ha) (3 pb)  3 to <10 acres (1.2 to <4ha) (3 pb)  0.3 to <10 acres (1.2 to <4ha) (3 pb)  0.3 to <10 acres (1.2 to <4ha) (3 pb)  0.1 to <0.3 acres (0.0 to <0.0		Metric 1. V	Vetland Area (size).	
## 1-90 acres (>20 2ha) (6 pts)    250 c 50 acres (10.1 to <20 2ha) (5 pts)   10 to <25 acres (4 to <10.1 ha) (4 pts)   3 to <10 acres (1.2 to <4ha) (3 pts)   0.3 to <3 acres (0.12 to <1.2 ha) (2 pts)   0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.03 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.03 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.03 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.03 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.03 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.03 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.03 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.03 acres (0.04 to <0.12ha) (1 pt)   0.1 to <0.03 acres (0.04 to <0.12ha) (1 pt)   0.2 to <0.12ha (1 pt) (1 pt) (1 pt)   0.3 to <0.04 to <0.04 to <0.04 to <0.04 to <0.12ha) (1 pt)   0.4 to <0.04 to		<i>(</i>	(,	
25 to <50 acres (10.1 to <20.2ha) (5 pts) 10 to <25 acres (10.1 to <20.2ha) (5 pts) 10 to <25 acres (10.1 to <40.3) (2 pts) 3 to <10 acres (1.2 to <40.4) (3 pts) 3 to <10 acres (0.0 to to <1.2ha) (2 pts) 0.1 to <0.3 acres (0.0 to <0.12ha) (1 pt) Contact (0.0 Hah) (0 pts) 0.1 to <0.3 acres (0.0 to <0.12ha) (1 pt) Contact (0.0 Hah) (0 pts) 0.1 to <0.3 acres (0.0 to <0.12ha) (1 pt) Contact (0.0 Hah) (0 pts) 0.1 to <0.3 acres (0.0 to <0.12ha) (1 pt) Contact (0.0 Hah) (0 pts) 0.1 to <0.3 acres (0.0 to <0.12ha) (1 pt) Contact (0.0 Hah) (0 pts)  2a. Calculate average buffer width. Select only one and assign score. Do not double check MEDIUM. Buffers average 50m (62 to <1.64th) around wetland perimeter (7) MEDIUM. Buffers average 10m (50m (62 to <1.64th) around wetland perimeter (1) VERY MARROW. Buffers average 10m (52m (62 to <1.64th) around wetland perimeter (1) VERY LOW. 2nd growth or older forest prairie, savannah, wildlife area, etc. (7) LOW. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should land, young second growth forest (5) Low. Old field (-10 years), should (-10 y	max 6 pts.	COID OF OTHE CIEC CIAC		
3 to <10 acres (1.2 to <4-hb) (3 pts)		25 to <50	acres (10.1 to <20.2ha) (5 pts)	
D. 3 to <3 acres (0.12 to <1.2ha) (2bts)  1. to <0.3 acres (0.04 to <0.12ha) (2bts)  2. 1 to <0.3 acres (0.04 to <0.12ha) (1pts)  Metric 2. Upland buffers and surrounding land use.  2a. Calculate average buffer width. Select only one and assign score. Do not doubte check.  WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7)  MEDIUM. Buffers average 50m (164ft) or more around wetland perimeter (8)  MEDIUM. Buffers average 50m (162 to <164ft) around wetland perimeter (9)  VERY NARROW. Buffers average 10m (<22t) around wetland perimeter (1)  VERY NARROW. Buffers average 10m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 10m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 10m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 10m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 10m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around wetland perimeter (1)  VERY NARROW. Buffers average 50m (<32t) around verage.  None or one apparent (2)  Recovering (3)  Recovering (3)  Recovering (2)  Recovering (2)  Recovering (2)  Recovering (3)  None or none apparent (4)  None or none apparent (4)  None or none apparent (4)  Recovering (2)  Recovering (2)				
Metric 2. Upland buffers and surrounding land use.    Metric 2. Upland buffers and surrounding land use.				
2a. Calculate average buffer width. Select only one and assign score. Do not double check.  WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7)  MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4)  NARROW. Buffers average 10m to <25m (32ft to <820) around wetland perimeter (7)  VERY NARROW. Buffers average 10m (<23m (32ft to <820) around wetland perimeter (7)  2b. Interest of surrounding land use. Select one or double check and average.  Not field (>10 years), shrub land, young second growth forest. (7)  LOW. Old field (>10 years), shrub land, young second growth forest. (7)  HIGH. Urban. Industrial, open pasture, row cropping, mining, construction. (1)  Metric 3. Hydrology.  Metric 3. Hydrology.  Sasonalinematient surface water (3)  Precipitation (1)  Seasonalinematient surface water (3)  Od. 4 to 0.7m (16.7 to 27.6 fin) (2)  Od. 4 to 10.7m (16.7 to 27.6 fin) (2)  Seasonalinematient surface water (3)				
WIDE. Buffers average 50m (154ft) or more around wetland perimeter (7)  MEDIUM. Buffers average 52m to <50m (22 to <164ft) around wetland perimeter (4)  NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (7)  2b. Intensity of surrounding land use. Select one or double check and average.  NERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7)  LOW. Old field (7 to years), shrub land, young second growth forest. (5)  MODERATELY HIGH. Residential, fenced pasture, park, conservation fillage, new fallow field. (3)  HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)  Metric 3. Hydrology.  3a. Sources of Water. Score all that apply.  High pri groundwater (5)  Other groundwater (3)  Precipitation (1)  Seasonall/intellmentation surface water (3)  Part of riparian or upland corridor (1)  Part of riparian or upland corridor (1)  Regularly inundated/saturated (4)  Part of riparian or upland corridor (1)  Seasonally inundated/saturated (3)  Seasonally inundated/saturated (4)  Regularly inundated/saturated (3)  Seasonally inundated (2)  Recovered (7)  Recovered (7)  Recovered (7)  Recovered (7)  Recovered (7)  Recovered (7)  Wetric 4. Habitat Alteration and Development.  Wetric 4. Habitat Alteration and Development.  Some or none apparent (4)  Recovered (7)  Recovered (	3	Metric 2. U	lpland buffers and surroundin	g land use.
MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4) NARROW. Buffers average 10m to <25m (32ft to <42ft) around wetland perimeter (1) VERY NARROW. Buffers average <10m (<32ft) around wetland perimeter (0)  2b. Intensity of surrounding land use. Select one or double check and average.  VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7) LOW. Old field (>10 years), shrub land, voung second growth forest. (5) MODERATELY HIGH. Residential, fenced pasture, park. conservation tillage, new fallow field. (3) HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)  Wetric 3. Hydrology.  Metric 4. Hydrology.  3b. Connectivity. Score all that apply. High pH groundwater (3) Perceipitation (1) Seasonal/Intermittent surface water (3) Perceinitation (1) Seasonal/Intermittent surface water (3) Perennial surface water (lake or stream) (5)  3c. Maximum water depth. Select only one and assign score. >0.7 (27 fin) (3) 2. 4.0.4m (<15 fin) (1) 3e. Modifications to natural hydrologic regime. Score one or double check and average.  None or none apparent (12) Recovered (7) Recovered (7) Recovered (7) Recovered (7) Recovered (8) Recovered (9) Recove	max 14 pts.	Za. Odlodiate avera		
EXERY NARROW. Buffers average < 10m (<32tf) around wetland perimeter (0)  2b. Intensity of surrounding land use. Select one or double check and average.  VERY LOW 2nd growth or older forest. prairie, savannah, wildlife area, etc. (7)  LOW. Old field (<10 years), shrub land, young second growth forest. (5)  MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow field. (3)  HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)  Metric 3. Hydrology.  Metric 3. Hydrology.  Secondal Intensity of the proundwater (3)  Precipitation (1)  Seasonal/Intermittent surface water (3)  Perfection financial for part of wetland/upland (e.g. forest), complex (1)  Part of riparian or upland corridor (1)  Part of welland part or upland corridor (1)  Part of welland part or welland part or upland corridor (1)  Part of riparian or upland corridor (1)  Part of welland part or upland corridor (1)  Part of welland part or upland corridor (1)  Part of welland part or upland corridor (1)  Part or upland part or upland corridor (1)  Part or upland part or upland corridor (1)  Part or upland part or up		( MEDIUM.	Buffers average 25m to <50m (82 to <164ft) around we	tland perimeter (4)
2b. Intensity of surrounding land use. Select one or double check and average.  VERY LOW. 2nd growth or older forest; prairie, savannah, wildlife area, etc. (7)  LOW. Old field (>10 years), shrub land, young second growth forest. (5)  MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow field. (3)  HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)  Metric 3. Hydrology.  3a. Sources of Water. Score all that apply.  High pH groundwater (5)  Other groundwater (3)  Precipitation (1)  Seasonal/Intermittent surface water (3)  Perennial surface water (8ke or stream) (5)  3d. Duration inundation/saturation. Score one or dbi check.  3c. Maximum water depth. Select only one and assign score.  9-0.7 (27, Fin) (3)  Q. 4.0 u.m. (1-5, Tim) (1)  3e. Modifications to natural hydrologic regime. Score one or double check and average.  None or none apparent (12)  Recovering (3)  Recent or no recovery (1)  4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4)  Recovering (2)  Recovering (2)  Recovering (2)  Recovering (3)  Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7)  Very good (6)  Good (5)  Moderately good (4)				
LOW. Old field (>10 years), shrub land, young second growth forest. (5)  MODERATELY HIGH. Residential. fenced pasture, park, conservation tiliage, new fallow field. (3)  HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)  Metric 3. Hydrology.  3a. Sources of Water. Score all that apply.  High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface water (3) Perennial surface water (4) when the same and other human use (1) Part of wetland/upland (e.g. forest), complex (1) Part of wetland/upland (e.g. forest), complex (1) Part of parain or upland corridor (1) Part of wetland/upland (e.g. forest), complex (1) Part of wetland/upland (e.g. forest		2b. Intensity of surro	ounding land use. Select one or double check and aver-	age.
Metric 3. Hydrology.    High pH groundwater (5)		LOW. Old	field (>10 years), shrub land, young second growth fore	st. (5)
Metric 3. Hydrology.    Sources of Water. Score all that apply.   100 year floodplain (1)   100		MODERA HIGH. Url	TELY HIGH. Residential, fenced pasture, park, conserva- ban, industrial, open pasture, row cropping, mining, cons	ation tillage, new fallow field. (3) truction. (1)
High pH groundwater (5) Other groundwater (3) Percipitation (1) Seasonal/Intermittent surface water (3) Perennial surface water (3ke or stream) (5) 3d. Duration inundation/saturation. Score one or dbl check.  3c. Maximum water depth. Select only one and assign score.  >0.7 (27.6in) (3) O, 4 to 0.7m (15.7 to 27.6in) (2) Co.4m (<15.7in) (1)  3e. Modifications to natural hydrologic regime. Score one or double check and average.  None or none apparent (12) Recovered (7) Recovering (3) Recent or no recovery (1)  Metric 4. Habitat Alteration and Development.  Metric 4. Habitat Alteration and Development.  Mone or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  Ab. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4)	6	Motric 3 H		
Other groundwater (3) Precipitation (1) Precipitation (1) Precipitation (1) Perecipitation (1) Part of riparian or upland corridor (1) Part of reparian or upland corridor (1) Part of reparian or upland corridor (1) Part of reparian or upland corridor (1) Part of relation, corridor (1) Part of relation inundation/saturation. Score one of dol check. Semi- to permanently inundated/saturated (4) Regularly inundated/saturated (3) Regularly inundated/saturated (2) Seasonally inundated (2) Seasonally saturated in upper 30cm (12in) (1) Seasonally saturated in upper 30cm (12in) (1)  Mobifications to natural hydrologic regime. Score one or double check and average.  None or none apparent (12) Recovering (3) Recent or no recovery (1)  Metric 4. Habitat Alteration and Development.  4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recovering (2) Recovering (2) Recent or no recovery (1) Recovering (2) Recovering (2) Recovering (2) Recovering (3) Recovering (2) Recovering (3) Recovering (3) Recovering (4) Recovering (5) Recovering (6) Recovering (6) Recovering (7) Recovering (8) Recovering (9) Recover	max 30 pts.	04: <u>004:</u> 000 0: 114:		
Precipitation (1) Seasonal/Intermittent surface water (3) Perronial surface water (lake or stream) (5)  Naximum water depth. Select only one and assign score.  No. 7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2) 2.4 0.4m (<15.7in) (1)  Regularly inundated/saturated (3) Seasonally inundated/saturated (4) Seasonally inundated/saturated (3) Seasonally inundated/saturated (4) Seasonally inundated/saturated (4) Seasonally inundated/saturated (4) Seasonally inundated/saturated (3) Seasonally inundated/saturated (4) Seasonally inundated/saturated (3) Seasonally inundated/saturated (3) Seasonally inundated/saturated (3) Seasonally inundated/saturated (4) Seasonally inundated/saturated (4) Seasonally inundated/saturated (4) Seasonally inundated/saturated (3) Seasonally inundated/saturated (4) Seasonally inundated/saturated (4) Seasonally inundated/saturated (4) Seasonally inundated/saturated (3) Seasonally inundated/saturated (4) Seasonally inundated/saturated (4) Seasonally inundated/saturated in upper 30cm (12in) (1) Seasonally inundated/saturated inupper 30cm (12in) (1) Seasonally inundated/saturated inundated			` '	
Perennial surface water (lake or stream) (5)  3d. Duration inundation/saturation. Score one or dbl check.  3c. Maximum water depth. Select only one and assign score.  3c. 0.7 (27.6in) (3)  3d. Duration inundation/saturation. Score one or dbl check.  Semi- to permanently inundated/saturated (4)  Regularly inundated/saturated (3)  Seasonally inundated/saturated (3)  Seasonally inundated (2)  Seasonally inundated (2)  Seasonally saturated in upper 30cm (12in) (1)  3e. Modifications to natural hydrologic regime. Score one or double check and average.  None or none apparent (12)  Recovered (7)  Recovering (3)  Recent or no recovery (1)  Metric 4. Habitat Alteration and Development.  Metric 4. Habitat Alteration and Development.  Metric 5. Semi- to permanently inundated/saturated (3)  Seasonally inundated (2)  Seasonally inundated/saturated (3)  Seasonally inundated/saturated (4)  Recuted (3)  Seasonally inundated/saturated (4)  Recuted (3)  Seasonally inundated/saturated (4)  Seasonally inundated/saturated (3)  Seasonally inundated/saturated (3)  Seasonally inundated/saturated (3)  Seasonally inundated/saturated (4)  Recuted (3)  Seasonally inundated/saturated (4)  Seasonally inundated/saturated (3)  Seasonally inundated/saturated (4)  Seasonally inundated/saturated (4)  Seasonally inundated/saturated (4)  Seasonally inundated/saturated (4)  Sea		✓ Precipitation	on (1)	Part of wetland/upland (e.g. forest), complex (1)
>0.7 (27.6in) (3)		<del></del>		· · · · · · · · · · · · · · · · · · ·
Metric 4. Habitat Alteration and Development.    Metric 4. Habitat Alteration and Development.			· · · · · · · · · · · · · · · · · · ·	
3e. Modifications to natural hydrologic regime. Score one or double check and average.    None or none apparent (12)   Check all disturbances observed   point source (nonstormwater)   filling/grading   filling/		0.4 to 0.7n	n (15.7 to 27.6in) (2)	Seasonally inundated (2)
Recovered (7) Recovering (3) Recent or no recovery (1)  Metric 4. Habitat Alteration and Development.  Mone or none apparent (4) Recovered (3) Recovered (3) Recovered (3) Recovered (3) Recovered (3) Recovering (2) Recovering (2) Recovering (2) Recovering (3) Recovering (6) Good (5) Moderately good (4)				
Recovering (3) Recent or no recovery (1)    Metric 4. Habitat Alteration and Development.    Metric 4. Habitat Alteration and Development.   Substrate disturbance. Score one or double check and average.   None or none apparent (4)   Recovered (3)   Recent or no recovery (1)   Ab. Habitat development. Select only one and assign score.   Excellent (7)   Very good (6)   Good (5)   Moderately good (4)				
Metric 4. Habitat Alteration and Development.    Max 20 pts   Substrate disturbance. Score one or double check and average.			g (3) tile	
Metric 4. Habitat Alteration and Development.  4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4)		Recent or		— I
max 20 pts subtotal  4a. Substrate disturbance. Score one or double check and average.  None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4)			stormwater input	other
None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4)	55	Metric 4. H	labitat Alteration and Develop	ment.
Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only one and assign score.  Excellent (7) Very good (6) Good (5) Moderately good (4)	max 20 pts.			
4b. Habitat development. Select only one and assign score.  Excellent (7)  Very good (6)  Good (5)  Moderately good (4)		Recovered	1 (3)	
4b. Habitat development. Select only one and assign score.  Excellent (7)  Very good (6)  Good (5)  Moderately good (4)		Recovering Recent or		
Very good (6) Good (5) Moderately good (4)		4b. <u>Habit</u> at developi	ment. Select only one and assign score.	
Moderately good (4)				
			y good (4)	
		——————————————————————————————————————		
Poor (1)		Poor (1)		
4c. Habitat alteration. Score one or double check and average.				
None or none apparent (9) Check all disturbances observed Recovered (6) shrub/sapling removal	_			shrub/sapling removal
Recovering (3) grazing herbaceous/aquatic bed removal sedimentation		- X Recovering		
selective cutting dredging	Γ	A	selective cutting	dredging
woody debris removal farming toxic pollutants nutrient enrichment		145		<b>–</b>
subtotal this page  Last revised 1 February 2001 jjm		1 5		

Site:		- 0	Rat	ter(s):	Int	Date: 6/30/2
max 10 pts.	in Subtotal first particular first parti	Metr	that apply and score as indicated Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (5) Lake Erie coastal/tributary wetla Lake Erie coastal/tributary wetla Lake Plain Sand Prairies (Oak C Relict Wet Prairies (10) Known occurrence state/federal Significant migratory songbird/w Category 1 Wetland. See Ques	nd-unrestricted hy nd-restricted hydro Openings) (10) threatened or end ater fowl habitat o	angered species (10)	
2	16,5	Metr			terspersion, microto	opography.
max 20 pts.	subtotal	ے 6a. Wetla	and Vegetation Communities.	Vegetation	Community Cover Scale	
			present using 0 to 3 scale.	0	Absent or comprises <0.1ha (0.2	471 acres) contiguous area
		0	Aquatic bed	1	Present and either comprises sm	
		3	Emergent		vegetation and is of moderate	
		Ti.	Shrub Forest	2	significant part but is of low qua	
		1 0	Mudflats	2	Present and either comprises sig vegetation and is of moderate of the comprises of the comprise o	
		-	Open water		part and is of high quality	addity of comprises a small
		7.	Other	3	Present and comprises significar	nt part, or more, of wetland's
		6b. hóriz	ontal (plan view) Interspersion.		vegetation and is of high quality	
		Select on	ly one.			
			High (5)	Narrative D	escription of Vegetation Quality	
			Moderately high(4)	low	Low spp diversity and/or predom	
		, —	Moderate (3)		disturbance tolerant native spe	
		) <del> </del>	Moderately low (2)	mod	Native spp are dominant compor	•
		7	Low (1)		although nonnative and/or distu	
		6c Cove	None (0) rage of invasive plants. Refer		can also be present, and speci- moderately high, but generally	-
			ORAM long form for list. Add		threatened or endangered spp	w/o presence or rare
			points for coverage	high	A predominance of native specie	s with nonnative spn
			Extensive >75% cover (-5)	9.7	and/or disturbance tolerant nati	• • • • • • • • • • • • • • • • • • • •
			Moderate 25-75% cover (-3)		absent, and high spp diversity	•
		,	Sparse 5-25% cover (-1)		the presence of rare, threatene	
		U 🔀	Nearly absent <5% cover (0) Absent (1)	Mudflat an	d Open Water Class Quality	
		6d Micro	otopography.	0	Absent <0.1ha (0.247 acres)	
			present using 0 to 3 scale.		Low 0.1 to <1ha (0.247 to 2.47 a	cres)
		0	Vegetated hummucks/tussucks	2	Moderate 1 to <4ha (2.47 to 9.88	
		1 0	Coarse woody debris >15cm (6ir		High 4ha (9.88 acres) or more	
	(		Standing dead >25cm (10in) dbf	1		
		ے ا	Amphibian breeding pools		graphy Cover Scale	
				0	Absent  Present very small amounts or if	more common
				1	of marginal quality	more common
				2	Present in moderate amounts, bu	it not of highest
				-	quality or in small amounts of h	•
				3	Present in moderate or greater a	<del></del>
	l			-	and of highest quality	

16.5

Site:	ί.	- \	Rater(s):	Just	Date: (/3/2/
2	M	etric 1. Wetland A	rea (size).		, ,
max 6 pts	subtotal Sele	ct one size class and assign scor >50 acres (>20.2ha) (6 pts) 25 to <50 acres (10.1 to <2 10 to <25 acres (4 to <10.1 3 to <10 acres (1.2 to <4ha 0.3 to <3 acres (0.04 to <0.1 acres (0.04 to <0.1 acres (0.04ha) (0 pts)	0.2ha) (5 pts) ha) (4 pts) ) (3 pts) 2ha) (2pts)		
5	$ \gamma $	etric 2. Upland bu	ffers and su	rrounding land use	•
max 14 pts	١	NARROW. Buffers average VERY NARROW. Buffers a Intensity of surrounding land use. VERY LOW. 2nd growth or LOW. Old field (>10 years) MODERATELY HIGH. Res	m (164ft) or more arour 25m to <50m (82 to <1 e 10m to <25m (32ft to average <10m (<32ft) a Select one or double r older forest, prairie, san, shrub land, young setsidential, fenced pasture	nd wetland perimeter (7) 164ft) around wetland perimeter (4) 5 <82ft) around wetland perimeter (* around wetland perimeter (0) 5 check and average. avannah, wildlife area, etc. (7)	•
5	12 M	etric 3. Hydrology	<b>'-</b>		
max 30 pts.	3c. ] 3e.	Sources of Water. Score all that High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lal Maximum water depth. Select or >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) <0.4m (<15.7in) (1) Modifications to natural hydrologi None or none apparent (12 Recovered (7) Recovering (3) Recent or no recovery (1)	ce water (3) ke or stream) (5) illy one and assign scor (2) c regime. Score one o Check all disturbance ditch tile dike weir stormwater inp	Part of wetland Part of riparian 3d. Duration inundation/s: e. Semi- to perma Regularly inunc Seasonally inun Seasonally satu ses observed point source (no filling/grading road bed/RR tradered) put other	olain (1) n/lake and other human use (1) /upland (e.g. forest), complex (1) or upland corridor (1) aturation. Score one or dbl check. inently inundated/saturated (4) lated/saturated (3) indated (2) urated in upper 30cm (12in) (1) onstormwater)
4	LO M	etric 4. Habitat Al	teration and	Development.	
max 20 pts.	46.	Substrate disturbance. Score on None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1) Habitat development. Select only Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1) Habitat alteration. Score one or or one or one apparent (9) Recovered (6) Recovering (3) Recent or no recovery (1)	one and assign score	es observed shrub/sapling re herbaceous/aqi sedimentation	emoval uatic bed removal
SU	20 ubtotal this page		woody debris r	emoval farming	nent

Site:		- 12		Rater(s):	3	MH	Date: 6/34/4
0	Z dubtotal first	page N	letric 5. Special W	/etlands.			
max 10 pts.	subtota		eck all that apply and score as inc Bog (10) Fen (10) Old growth forest (10) Mature forested wetland (! Lake Erie coastal/tributary Lake Erie coastal/tributary Lake Plain Sand Prairies ( Relict Wet Prairies (10) Known occurrence state/fe Significant migratory song Category 1 Wetland. See	5) wetland-unrestri wetland-restricte Oak Openings) ( ederal threatened oird/water fow he Question 1 Qual	ed hydrold 10) I or endar abitat or u itative Ra	ngered species (10) lisage (10) ting (-10)	
4	7.4	IV	letric 6. Plant con	nmunities	s, inte	erspersion, microto	pography.
max 20 pts.	subtota	6a.	Wetland Vegetation Communitie	s. <u>Veg</u>	etation C	ommunity Cover Scale	
		Sco	ore all present using 0 to 3 scale.		0	Absent or comprises <0.1ha (0.24	71 acres) contiguous area
			() Aquatic bed		1	Present and either comprises sma	all part of wetland's
			<u>i</u> Emergent			vegetation and is of moderate q	uality, or comprises a
		-	Shrub			significant part but is of low qual	
		5	Forest		2	Present and either comprises sign	
			Mudflats			vegetation and is of moderate q	uality or comprises a small
			Open water			part and is of high quality	
			Other		3	Present and comprises significant	part, or more, of wetland's
		6b.	horizontal (plan view) Interspers	ion		vegetation and is of high quality	
		Sel	ect only one.				
			High (5)	Nari	rative De	scription of Vegetation Quality	
			Moderately high(4)		low	Low spp diversity and/or predomin	nance of nonnative or
			Moderate (3)			disturbance tolerant native spec	ies
		Ì	Moderately low (2)		mod	Native spp are dominant compone	ent of the vegetation,
		į				although nonnative and/or distu	bance tolerant native spp
			None (0)			can also be present, and specie	s diversity moderate to
		6c.	Coverage of invasive plants. Re	fer		moderately high, but generally w	//o presence of rare
		to 7	Table 1 ORAM long form for list. A	Add		threatened or endangered spp	
		or c	leduct points for coverage		high	A predominance of native species	, with nonnative spp
			Extensive >75% cover (-5)			and/or disturbance tolerant nativ	e spp absent or virtually
			Moderate 25-75% cover (-	3)		absent, and high spp diversity a	nd often, but not always,
		O	Sparse 5-25% cover (-1)			the presence of rare, threatened	, or endangered spp
		V	Nearly absent <5% cover (	0)			
			Absent (1)	Muc	Iflat and	Open Water Class Quality	
			Microtopography.		0	Absent <0.1ha (0.247 acres)	
		Sco	ore all present using 0 to 3 scale.		1	Low 0.1 to <1ha (0.247 to 2.47 ac	
			Vegetated hummucks/tuss	ucks	2	Moderate 1 to <4ha (2.47 to 9.88	acres)
			Coarse woody debris >150	m (6in)	3	High 4ha (9.88 acres) or more	
			Standing dead >25cm (10i	,			
			Amphibian breeding pools	Mici		aphy Cover Scale	
					0	Absent	
					1	Present very small amounts or if n	nore common
						of marginal quality	
					2	Present in moderate amounts, but	
						quality or in small amounts of high	jhest quality
	1				3	Present in moderate or greater an	nounts
promp 1	ı					and of highoet quality	

Site:	-	F	Rater(s): 5 mm		Date:	C/30/21
7	\ \rac{1}{2}	Metric 1. Wetland Arc	ea (size).			,
max 6 pts.	subtotal	Select one size class and assign score.    >50 acres (>20.2ha) (6 pts)   25 to <50 acres (10.1 to <20.2   10 to <25 acres (4 to <10.1ha   3 to <10 acres (1.2 to <4ha) (0   0.3 to <3 acres (0.12 to <1.2ha   0.1 to <0.3 acres (0.04 to <0.7   <0.1 acres (0.04ha) (0 pts)	) (4 pts) 3 pts) a) (2pts) 12ha) (1 pt)			
5	5	Metric 2. Upland buff	ers and surroundi	ng land use.		
max 14 pts.	subtotal	MEDIUM. Buffers average 25 NARROW. Buffers average 1 VERY NARROW. Buffers average 1 VERY LOW. 2nd growth or o LOW. Old field (>10 years), s MODERATELY HIGH. Resid	(164ft) or more around wetland per 5m to <50m (82 to <164ft) around v 10m to <25m (32ft to <82ft) around erage <10m (<32ft) around wetland	rimeter (7) wetland perimeter (4) I wetland perimeter (1) I perimeter (0) erage. Ife area, etc. (7) brest. (5) rvation tillage, new fallo	ow field. (3)	
5	10	Metric 3. Hydrology.				
max 30 pts.	subtotal	3a. Sources of Water. Score all that ap High pH groundwater (5) Other groundwater (3) Precipitation (1) Seasonal/Intermittent surface Perennial surface water (lake 3c. Maximum water depth. Select only >0.7 (27.6in) (3) 0.4 to 0.7m (15.7 to 27.6in) (2 <0.4m (<15.7in) (1) 3e. Modifications to natural hydrologic recovered (7) Recovered (7) Recovering (3) Recent or no recovery (1)	water (3) or stream) (5) one and assign score.	Connectivity. Score all 100 year floodpla Between stream/l Part of wetland/up Part of riparian or Duration inundation/satu Semi- to permane Regularly inundat Seasonally inundat Seasonally satura and average.  point source (non filling/grading road bed/RR track dredging other	in (1) ake and other bland (e.g. for upland corrid uration. Score ently inundate ed/saturated (2) ated in upper 3 stormwater)	est), complex (1) or (1) e one or dbl check. d/saturated (4) (3)
1	16	Metric 4. Habitat Alte	eration and Develo	pment.		
max 20 pts.	subtotal	4a. Substrate disturbance. Score one of None or none apparent (4) Recovered (3) Recovering (2) Recent or no recovery (1)  4b. Habitat development. Select only of Excellent (7) Very good (6) Good (5) Moderately good (4) Fair (3) Poor to fair (2) Poor (1)  4c. Habitat alteration. Score one or do	ne and assign score.			
		None or none apparent (9) Recovered (6)	Check all disturbances observed mowing	shrub/sapling rem	noval	
	1 to	Recovering (3) Recent or no recovery (1)	grazing clearcutting selective cutting woody debris removal toxic pollutants	herbaceous/aqua sedimentation dredging farming nutrient enrichme	tic bed remov	al
last revised		<u>L</u>				

Site:		1-5	Rat	er(s):	3	mH	Date:	6/36/21	
su	d btotal first pa	¬ĭ							
16	0	Metr	ic 5. Special Wetla	ands.					
max 10 pts.	subtotal	<b>⅃</b> Che <u>ck al</u> l	that apply and score as indicated	l.					
			Bog (10) Fen (10)						
			Old growth forest (10)						
			Mature forested wetland (5)						
		-	Lake Erie coastal/tributary wetlar Lake Erie coastal/tributary wetlar		,	3, ( )			
			Lake Plain Sand Prairies (Oak O			, (=)			
			Relict Wet Prairies (10)	throatomad ar		di (10)			
		-	Known occurrence state/federal for Significant migratory songbird/wa						
		, $\sqsubset$	Category 1 Wetland. See Quest						
2	. /	Metr	ic 6. Plant commu	ınities,	inte	rspersion, microto	pogra	phy.	
max 20 pts.	subtotal	] - 60 Wetl	and Vagatation Communities	Vocata	stion C	ommunity Cover Seele			
max 20 pis.	Subtotal		and Vegetation Communities. present using 0 to 3 scale.	vegeta 0		ommunity Cover Scale Absent or comprises <0.1ha (0.24)	171 acres) c	ontiquous area	
		C	Aquatic bed	1		Present and either comprises small			
		1	Emergent			vegetation and is of moderate q	uality, or co	mprises a	
		<u> </u>	Shrub			significant part but is of low qua			
		1 6	Forest	2	2	Present and either comprises sign	•		
			Mudflats  Open water			vegetation and is of moderate q part and is of high quality	uanty of cor	nprises a smail	
		50	Other	3	3	Present and comprises significan	t part, or mo	re, of wetland's	
		6b. horiz	ontal (plan view) Interspersion.			vegetation and is of high quality			
		Select on	T -						
			High (5)			cription of Vegetation Quality	nance of no	anative or	
			Moderately high(4)   Moderate (3)	lov	w	Low spp diversity and/or predomi- disturbance tolerant native spec		nnauve or	
		)	Moderately low (2)	mo	od	Native spp are dominant component		egetation,	
		' ×	Low (1)			although nonnative and/or distu		• • •	
			None (0)			can also be present, and specie	•		
			erage of invasive plants. Refer 1 ORAM long form for list. Add			moderately high, but generally was threatened or endangered spp	v/o presence	e of rare	
			points for coverage	hig	ah	A predominance of native species	with nonn	ative spp	
			Extensive >75% cover (-5)	5		and/or disturbance tolerant nativ			
			Moderate 25-75% cover (-3)			absent, and high spp diversity a			
		ı	Sparse 5-25% cover (-1)			the presence of rare, threatened	i, or endang	ered spp	
		1	Nearly absent <5% cover (0) Absent (1)	Mudfla	Mudflat and Open Water Class Quality				
		6d. Micro	otopography.	0		Absent <0.1ha (0.247 acres)			
			present using 0 to 3 scale.	1	1	Low 0.1 to <1ha (0.247 to 2.47 ac	res)		
		0	Vegetated hummucks/tussucks	2		Moderate 1 to <4ha (2.47 to 9.88	acres)		
		299	Coarse woody debris >15cm (6in Standing dead >25cm (10in) dbh	·	3	High 4ha (9.88 acres) or more			
	(	(D   L	Amphibian breeding pools		opogra	phy Cover Scale			
			•	0	)	Absent			
				1		Present very small amounts or if r of marginal quality			
				2		Present in moderate amounts, bu quality or in small amounts of hi			
				3	3	Present in moderate or greater ar	nounts		
ایریا						and of highest quality			

## This foregoing document was electronically filed with the Public Utilities Commission of Ohio Docketing Information System on

3/7/2022 7:49:22 PM

in

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

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