

AEP Ohio Transmission Company, Inc.
Summerfield-Berne 138 kV Transmission Line Rebuild Project
Monroe and Noble Counties, Ohio



Photo Location 15. View of Wetland 3. Photograph taken facing south.



Photo Location 15. View of Wetland 3. Photo taken facing north.

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Summerfield-Berne 138 kV Transmission Line Rebuild Project
Monroe and Noble Counties, Ohio



Photo Location 16. View of Stream 11. Photo taken facing upstream/west.



Photo Location 16. View of Stream 11. Photograph taken facing downstream/east.

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Summerfield-Berne 138 kV Transmission Line Rebuild Project
Monroe and Noble Counties, Ohio



Photo Location 17. View of Stream 12 (Clear Fork Little Muskingum River). Photograph taken facing upstream/northeast.

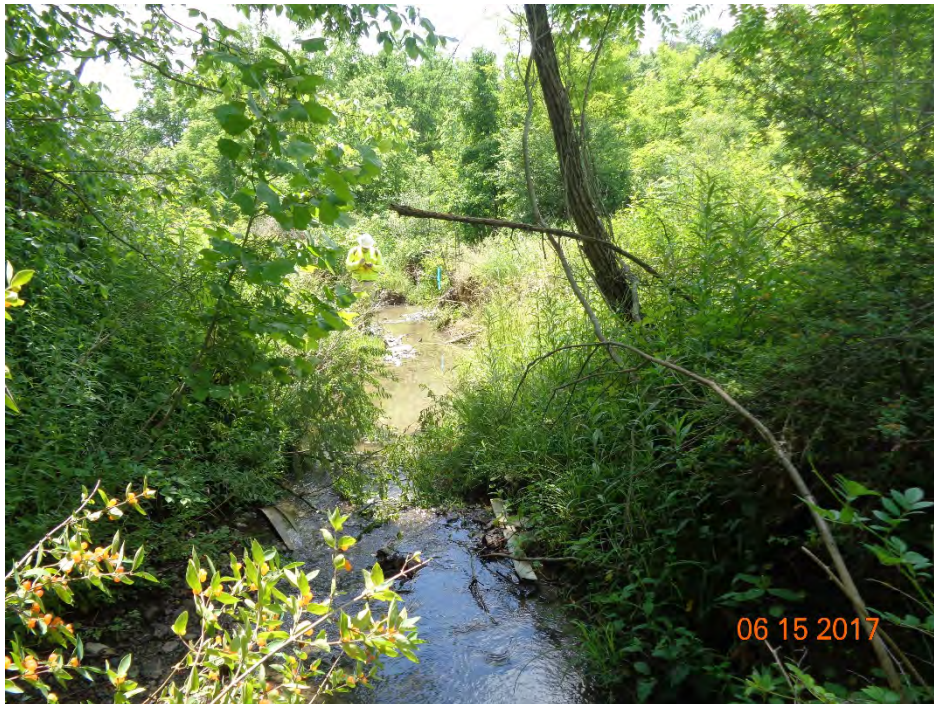


Photo Location 17. View of Stream 12 (Clear Fork Little Muskingum River). Photograph taken facing upstream/southwest.

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Summerfield-Berne 138 kV Transmission Line Rebuild Project
Monroe and Noble Counties, Ohio



Photo Location 18. View of Wetland 4. Photograph taken facing northwest.



Photo Location 18. View of Wetland 4. Photograph taken facing north.

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Monroe and Noble Counties, Ohio



Photo Location 19. View of Wetland 5. Photograph taken facing southeast.



Photo Location 19. View of Wetland 5. Photograph taken facing northwest.

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Summerfield-Berne 138 kV Transmission Line Rebuild Project
Monroe and Noble Counties, Ohio



Photo Location 20. View of Wetland 6. Photograph taken facing north.



Photo Location 20. View of Wetland 6. Photograph taken facing south.

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Summerfield-Berne 138 kV Transmission Line Rebuild Project
Monroe and Noble Counties, Ohio



Photo Location 21. View of Stream 13. Photograph taken facing upstream/south.



Photo Location 21. View of Stream 13. Photograph taken facing downstream/north.

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Monroe and Noble Counties, Ohio



Photo Location 22. View of Stream 14 (Death Run). Photograph taken facing upstream/north.



Photo Location 22. View of Stream 14 (Death Run). Photograph taken facing downstream/south.

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Monroe and Noble Counties, Ohio



Photo Location 23. Representative view of Stream 15 (man-made ditch).
Photograph taken facing west looking upstream.



Photo Location 23. Representative view of Stream 15 (man-made ditch).
Photograph taken facing east looking downstream.

Habitat Photographs

AEP Ohio Transmission Company, Inc.
Summerfield-Berne 138 kV Transmission Line Rebuild Project
Monroe and Noble Counties, Ohio



Photo Location 1. Representative view of pasture habitat. Photograph taken facing northwest.



Photo Location 2. Representative view of pasture habitat and bare dirt/active pipeline construction area. Photograph taken facing south.

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Summerfield-Berne 138 kV Transmission Line Rebuild Project
Monroe and Noble Counties, Ohio



Photo Location 3. Representative view of mixed early successional/second growth deciduous forest habitat. Photograph taken facing southeast.



Photo Location 4. Representative view of old field habitat. Photograph taken facing south.

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Monroe and Noble Counties, Ohio



Photo Location 5. Representative view of early successional riparian forest habitat.
Photograph taken facing southeast.



Photo Location 6. Representative view of hayfield habitat. Photograph taken facing southeast.

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Monroe and Noble Counties, Ohio



Photo Location 7. Representative view of hayfield habitat (foreground) and industrial habitat (background). Photograph taken facing north.



Photo Location 8. Representative view of mixed early successional/second growth deciduous riparian forest habitat. Photograph taken facing southeast.

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Summerfield-Berne 138 kV Transmission Line Rebuild Project
Monroe and Noble Counties, Ohio



Photo Location 9. Representative view of cemetery habitat. Photograph taken facing north.

Appendix D Data Forms

D.1 WETLAND DETERMINATION DATA FORMS

Project/Site: Summerfield-Berne 138 kV Line Rebuild Project		Stantec Project #: 193704906		Date: 06/15/17
Applicant: AEP Ohio Transmission Company, Inc.				County: Noble
Investigator #1: Nathan Noland		Investigator #2: Aaron Kwolek		State: Ohio
Soil Unit: LuF; Lowell-Gilpin silt loams, 35-70% slopes	NW1/WW1 Classification: n/a			Wetland ID: Wetland 1
Landform: Depression	Local Relief: Concave			Sample Point: SP 1
Slope (%): 1%	Latitude: 39.8078	Longitude: -81.327408	Datum: NAD83	Community ID: PEM
Are climatic/hydrologic conditions on the site typical for this time of year? (If no, explain in remarks) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Section:
Are Vegetation <input type="checkbox"/> , Soil <input type="checkbox"/> , or Hydrology <input type="checkbox"/> significantly disturbed?				Township:
Are Vegetation <input type="checkbox"/> , Soil <input type="checkbox"/> , or Hydrology <input type="checkbox"/> naturally problematic?				Range: Dir: --
Are normal circumstances present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

SUMMARY OF FINDINGS

Hydrophytic Vegetation Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Hydric Soils Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wetland Hydrology Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Is This Sampling Point Within A Wetland? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Remarks:	

HYDROLOGY

Wetland Hydrology Indicators (Check here if indicators are not present ☐):

<p><u>Primary:</u></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> A1 - Surface Water <input checked="" type="checkbox"/> A2 - High Water Table <input checked="" type="checkbox"/> A3 - Saturation <input type="checkbox"/> B1 - Water Marks <input type="checkbox"/> B2 - Sediment Deposits <input type="checkbox"/> B3 - Drift Deposits <input type="checkbox"/> B4 - Algal Mat or Crust <input type="checkbox"/> B5 - Iron Deposits <input type="checkbox"/> B7 - Inundation Visible on Aerial Imagery 	<ul style="list-style-type: none"> <input type="checkbox"/> B9 - Water-Stained Leaves <input type="checkbox"/> B13 - Aquatic Fauna <input type="checkbox"/> B14 - True Aquatic Plants <input type="checkbox"/> C1 - Hydrogen Sulfide Odor <input type="checkbox"/> C3 - Oxidized Rhizospheres on Living Roots <input type="checkbox"/> C4 - Presence of Reduced Iron <input type="checkbox"/> C6 - Recent Iron Reduction in Tilled Soils <input type="checkbox"/> C7 - Thin Muck Surface <input type="checkbox"/> Other (Explain in Remarks) 	<p><u>Secondary:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> B6 - Surface Soil Cracks <input type="checkbox"/> B8 - Sparsely Vegetated Concave Surface <input type="checkbox"/> B10 - Drainage Patterns <input type="checkbox"/> B16 - Moss Trim Lines <input type="checkbox"/> C2 - Dry Season Water Table <input type="checkbox"/> C8 - Crayfish Burrows <input type="checkbox"/> C9 - Saturation Visible on Aerial Imagery <input type="checkbox"/> D1 - Stunted or Stressed Plants <input checked="" type="checkbox"/> D2 - Geomorphic Position <input type="checkbox"/> D3 - Shallow Aquitard <input type="checkbox"/> D4 - Microtopographic Relief <input checked="" type="checkbox"/> D5 - FAC-Neutral Test
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<p>Field Observations:</p> <p>Surface Water Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Depth: 0-1 (in.)</p> <p>Water Table Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Depth: surface (in.)</p> <p>Saturation Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Depth: surface (in.)</p>	<p>Wetland Hydrology Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: N/A	
Remarks:	

SOILS

Map Unit Name: **LuF; Lowell-Gilpin silt loams, 35-70% slopes** Series Drainage Class: **moderately well-drained**

Taxonomy (Subgroup): **mesic Aquic Hapludalfs - mesic Typic Hapludults**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators.) (Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered/Coated Sand Grains; Location: PL=Pore Lining, M=Matrix)

Top Depth	Bottom Depth	Horizon	Matrix		Mottles				Texture (e.g. clay, sand, loam)
			Color (Moist)	%	Color (Moist)	%	Type	Location	
0	16	--	10YR	5/1	80	--	--	--	silt loam
--	--	--	N	2.5/	20	--	--	--	silt loam
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--

NRCS Hydric Soil Field Indicators (check here if indicators are not present <input type="checkbox"/>):			Indicators for Problematic Soils ¹
<ul style="list-style-type: none"> <input type="checkbox"/> A1 - Histosol <input type="checkbox"/> A2 - Histic Epipedon <input type="checkbox"/> A3 - Black Histic <input type="checkbox"/> A4 - Hydrogen Sulfide <input type="checkbox"/> A5 - Stratified Layers <input type="checkbox"/> A10 - 2 cm Muck (LRR N) <input type="checkbox"/> A11 - Depleted Below Dark Surface <input type="checkbox"/> A12 - Thick Dark Surface <input type="checkbox"/> S1 - Sandy Muck Mineral (LRR N, MLRA 147, 148) <input type="checkbox"/> S4 - Sandy Gleyed Matrix 	<ul style="list-style-type: none"> <input type="checkbox"/> S5 - Sandy Redox <input type="checkbox"/> S6 - Stripped Matrix <input type="checkbox"/> S7 - Dark Surface <input type="checkbox"/> S8 - Polyvalue Below Dark Surface (MLRA 147, 148) <input checked="" type="checkbox"/> S9 - Thin Dark Surface (MLRA 147, 148) <input checked="" type="checkbox"/> F2 - Loamy Gleyed Matrix <input checked="" type="checkbox"/> F3 - Depleted Matrix <input type="checkbox"/> F6 - Redox Dark Surface <input type="checkbox"/> F7 - Depleted Dark Surface <input type="checkbox"/> F8 - Redox Depressions 	<ul style="list-style-type: none"> <input type="checkbox"/> F12 - Iron-Manganese Masses (LRR N, MLRA 136) <input type="checkbox"/> F13 - Umbric Surface (MLRA 122, 136) <input type="checkbox"/> F19 - Piedmont Floodplain Soils (MLRA 148) <input type="checkbox"/> F21 - Red Parent Material (MLRA 127, 147) 	<ul style="list-style-type: none"> <input type="checkbox"/> A10 - 2cm Muck (MLRA 147) <input type="checkbox"/> A16 - Coast Prairie Redox (MLRA 147, 148) <input type="checkbox"/> F19 - Piedmont Floodplain Soils (MLRA 136, 147) <input type="checkbox"/> TF12 - Very Shallow Dark Surface <input type="checkbox"/> Other (Explain in Remarks)

Restrictive Layer (If Observed)	Type: NA	Depth: NA	<p>Hydric Soil Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
Remarks:			

¹ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Project/Site: **Summerfield-Berne 138 kV Line Rebuild Project** Wetland ID: Wetland 1 Sample Point: **SP 1**
VEGETATION (Species identified in all uppercase are non-native species.)

Tree Stratum (Plot size: 30 ft radius)

	Species Name	% Cover	Dominant	Ind. Status
1.	<i>Salix nigra</i>	10	Y	OBL
2.	--	--	--	--
3.	--	--	--	--
4.	--	--	--	--
5.	--	--	--	--
6.	--	--	--	--
7.	--	--	--	--
8.	--	--	--	--
9.	--	--	--	--
10.	--	--	--	--
Total Cover =		10		

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: **3** (A)

Total Number of Dominant Species Across All Strata: **4** (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: **75.0%** (A/B)

Prevalence Index Worksheet

Total % Cover of:

Multiply by:

OBL spp.	40	x 1 =	40
FACW spp.	56	x 2 =	112
FAC spp.	0	x 3 =	0
FACU spp.	30	x 4 =	120
UPL spp.	3	x 5 =	15

Total **129** (A) **287** (B)

Prevalence Index = B/A = **2.225**
Hydrophytic Vegetation Indicators:

- ☐ Yes ☐ No Rapid Test for Hydrophytic Vegetation
☒ Yes ☐ No Dominance Test is > 50%
☒ Yes ☐ No Prevalence Index is ≤ 3.0 *
☐ Yes ☐ No Morphological Adaptations (Explain) *
☐ Yes ☐ No Problem Hydrophytic Vegetation (Explain) *

* Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:
Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft. 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 height.

Sapling/Shrub Stratum (Plot size: 15 ft radius)

1.	--	--	--	--
2.	--	--	--	--
3.	--	--	--	--
4.	--	--	--	--
5.	--	--	--	--
6.	--	--	--	--
7.	--	--	--	--
8.	--	--	--	--
9.	--	--	--	--
10.	--	--	--	--
Total Cover =		5		

Herb Stratum (Plot size: 5 ft radius)

1.	<i>Cinna arundinacea</i>	45	Y	FACW
2.	<i>Nasturtium officinale</i>	30	Y	OBL
3.	<i>Poa pratensis</i>	25	Y	FACU
4.	<i>Impatiens capensis</i>	5	N	FACW
5.	<i>Juncus effusus</i>	5	N	FACW
6.	<i>Eupatorium perfoliatum</i>	3	N	UPL
7.	<i>Lythrum salicaria</i>	1	N	FACW
8.	<i>Schedonorus arundinaceus</i>	5	N	FACU
9.	--	--	--	--
10.	--	--	--	--
11.	--	--	--	--
12.	--	--	--	--
13.	--	--	--	--
14.	--	--	--	--
15.	--	--	--	--
Total Cover =		119		

Woody Vine Stratum (Plot size: 30 ft radius)

1.	--	--	--	--
2.	--	--	--	--
3.	--	--	--	--
4.	--	--	--	--
5.	--	--	--	--
Total Cover =		0		

Remarks:

Hydrophytic Vegetation Present ☒ Yes ☐ No

Additional Remarks:

Project/Site: Summerfield-Berne 138 kV Line Rebuild Project		Stantec Project #: 193704906		Date: 06/15/17
Applicant: AEP Ohio Transmission Company, Inc.				County: Noble
Investigator #1: Nathan Noland		Investigator #2: Aaron Kwolek		State: Ohio
Soil Unit: LuF; Lowell-Gilpin silt loams, 35-70% slopes		NWI/WWI Classification: n/a		Wetland ID: Wetland 1
Landform: Side slope		Local Relief: Linear		Sample Point: SP
Slope (%): 1%		Latitude: 39.808 Longitude: -81.327519		Community ID: UPLAND
Are climatic/hydrologic conditions on the site typical for this time of year? (If no, explain in remarks) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Section:
Are Vegetation <input type="checkbox"/> , Soil <input type="checkbox"/> , or Hydrology <input type="checkbox"/> significantly disturbed?				Township:
Are Vegetation <input type="checkbox"/> , Soil <input type="checkbox"/> , or Hydrology <input type="checkbox"/> naturally problematic?				Range: Dir: --
Are normal circumstances present? <input type="checkbox"/> Yes <input type="checkbox"/> No				

SUMMARY OF FINDINGS	
Hydrophytic Vegetation Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hydric Soils Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wetland Hydrology Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is This Sampling Point Within A Wetland? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Remarks:	

HYDROLOGY	
Wetland Hydrology Indicators (Check here if indicators are not present <input checked="" type="checkbox"/>):	
<u>Primary:</u> <input type="checkbox"/> A1 - Surface Water <input type="checkbox"/> A2 - High Water Table <input type="checkbox"/> A3 - Saturation <input type="checkbox"/> B1 - Water Marks <input type="checkbox"/> B2 - Sediment Deposits <input type="checkbox"/> B3 - Drift Deposits <input type="checkbox"/> B4 - Algal Mat or Crust <input type="checkbox"/> B5 - Iron Deposits <input type="checkbox"/> B7 - Inundation Visible on Aerial Imagery	<u>Secondary:</u> <input type="checkbox"/> B6 - Surface Soil Cracks <input type="checkbox"/> B8 - Sparsely Vegetated Concave Surface <input type="checkbox"/> B10 - Drainage Patterns <input type="checkbox"/> B16 - Moss Trim Lines <input type="checkbox"/> C2 - Dry Season Water Table <input type="checkbox"/> C8 - Crayfish Burrows <input type="checkbox"/> C9 - Saturation Visible on Aerial Imagery <input type="checkbox"/> D1 - Stunted or Stressed Plants <input type="checkbox"/> D2 - Geomorphic Position <input type="checkbox"/> D3 - Shallow Aquitard <input type="checkbox"/> D4 - Microtopographic Relief <input type="checkbox"/> D5 - FAC-Neutral Test
<input type="checkbox"/> B9 - Water-Stained Leaves <input type="checkbox"/> B13 - Aquatic Fauna <input type="checkbox"/> B14 - True Aquatic Plants <input type="checkbox"/> C1 - Hydrogen Sulfide Odor <input type="checkbox"/> C3 - Oxidized Rhizospheres on Living Roots <input type="checkbox"/> C4 - Presence of Reduced Iron <input type="checkbox"/> C6 - Recent Iron Reduction in Tilled Soils <input type="checkbox"/> C7 - Thin Muck Surface <input type="checkbox"/> Other (Explain in Remarks)	

Field Observations:	
Surface Water Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Depth: -- (in.)
Water Table Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Depth: -- (in.)
Saturation Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Depth: -- (in.)
Wetland Hydrology Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	N/A
Remarks:	

SOILS	
Map Unit Name: LuF; Lowell-Gilpin silt loams, 35-70% slopes	Series Drainage Class: moderately well-drained
Taxonomy (Subgroup): mesic Aquic Hapludalfs - mesic Typic Hapludults	

Top Depth	Bottom Depth	Horizon	Matrix			Mottles					Texture (e.g. clay, sand, loam)
			Color (Moist)	%		Color (Moist)		%	Type	Location	
0	2	1	10YR	4/4	100	--	--	--	--	--	--
2	6	2	10YR	5/6	100	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--
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--	--	--	--	--	--	--	--	--	--	--	--

NRCS Hydric Soil Field Indicators (check here if indicators are not present <input checked="" type="checkbox"/>):		Indicators for Problematic Soils¹	
<input type="checkbox"/> A1 - Histosol <input type="checkbox"/> A2 - Histic Epipedon <input type="checkbox"/> A3 - Black Histic <input type="checkbox"/> A4 - Hydrogen Sulfide <input type="checkbox"/> A5 - Stratified Layers <input type="checkbox"/> A10 - 2 cm Muck (LRR N) <input type="checkbox"/> A11 - Depleted Below Dark Surface <input type="checkbox"/> A12 - Thick Dark Surface <input type="checkbox"/> S1 - Sandy Muck Mineral (LRR N, MLRA 147, 148) <input type="checkbox"/> S4 - Sandy Gleyed Matrix	<input type="checkbox"/> S5 - Sandy Redox <input type="checkbox"/> S6 - Stripped Matrix <input type="checkbox"/> S7 - Dark Surface <input type="checkbox"/> S8 - Polyvalue Below Dark Surface (MLRA 147, 148) <input type="checkbox"/> S9 - Thin Dark Surface (MLRA 147, 148) <input type="checkbox"/> F2 - Loamy Gleyed Matrix <input type="checkbox"/> F3 - Depleted Matrix <input type="checkbox"/> F6 - Redox Dark Surface <input type="checkbox"/> F7 - Depleted Dark Surface <input type="checkbox"/> F8 - Redox Depressions	<input type="checkbox"/> F12 - Iron-Manganese Masses (LRR N, MLRA 136) <input type="checkbox"/> F13 - Umbric Surface (MLRA 122, 136) <input type="checkbox"/> F19 - Piedmont Floodplain Soils (MLRA 148) <input type="checkbox"/> F21 - Red Parent Material (MLRA 127, 147)	<input type="checkbox"/> A10 - 2cm Muck (MLRA 147) <input type="checkbox"/> A16 - Coast Prairie Redox (MLRA 147, 148) <input type="checkbox"/> F19 - Piedmont Floodplain Soils (MLRA 136, 147) <input type="checkbox"/> TF12 - Very Shallow Dark Surface <input type="checkbox"/> Other (Explain in Remarks)

Restrictive Layer (If Observed)	Type: Compaction from cattle	Depth: 6"	Hydric Soil Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Remarks:

¹ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Project/Site: **Summerfield-Berne 138 kV Line Rebuild Project**

Wetland ID: Wetland 1

Sample Point: **SP**
VEGETATION (Species identified in all uppercase are non-native species.)

Tree Stratum (Plot size: 30 ft radius)

	Species Name	% Cover	Dominant	Ind. Status
1.	--	--	--	--
2.	--	--	--	--
3.	--	--	--	--
4.	--	--	--	--
5.	--	--	--	--
6.	--	--	--	--
7.	--	--	--	--
8.	--	--	--	--
9.	--	--	--	--
10.	--	--	--	--
Total Cover =		0		

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B)

Prevalence Index Worksheet

Total % Cover of:

Multiply by:

OBL spp.	<u>0</u>	x 1 =	<u>0</u>
FACW spp.	<u>0</u>	x 2 =	<u>0</u>
FAC spp.	<u>0</u>	x 3 =	<u>0</u>
FACU spp.	<u>105</u>	x 4 =	<u>420</u>
UPL spp.	<u>15</u>	x 5 =	<u>75</u>

Total 120 (A) 495 (B)

Prevalence Index = B/A = 4.125

Sapling/Shrub Stratum (Plot size: 15 ft radius)

1.	<i>Rubus allegheniensis</i>	5	Y	FACU
2.	--	--	--	--
3.	--	--	--	--
4.	--	--	--	--
5.	--	--	--	--
6.	--	--	--	--
7.	--	--	--	--
8.	--	--	--	--
9.	--	--	--	--
10.	--	--	--	--
Total Cover =		5		

Hydrophytic Vegetation Indicators:

- ☐ Yes ☒ No Rapid Test for Hydrophytic Vegetation
☐ Yes ☒ No Dominance Test is > 50%
☐ Yes ☒ No Prevalence Index is ≤ 3.0 *
☐ Yes ☒ No Morphological Adaptations (Explain) *
☐ Yes ☒ No Problem Hydrophytic Vegetation (Explain) *

* Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Herb Stratum (Plot size: 5 ft radius)

1.	<i>Erigeron annuus</i>	10	N	FACU
2.	<i>Leucanthemum vulgare</i>	5	N	UPL
3.	<i>Phleum pratense</i>	5	N	FACU
4.	<i>Schedonorus arundinaceus</i>	35	Y	FACU
5.	<i>Solidago canadensis</i>	45	Y	FACU
6.	<i>Vernonia gigantea</i>	10	N	UPL
7.	<i>Dactylis glomerata</i>	5	N	FACU
8.	--	--	--	--
9.	--	--	--	--
10.	--	--	--	--
11.	--	--	--	--
12.	--	--	--	--
13.	--	--	--	--
14.	--	--	--	--
15.	--	--	--	--
Total Cover =		115		

Definitions of Vegetation Strata:
Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/Shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft. 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 height.

Woody Vine Stratum (Plot size: 30 ft radius)

1.	--	--	--	--
2.	--	--	--	--
3.	--	--	--	--
4.	--	--	--	--
5.	--	--	--	--
Total Cover =		0		

Hydrophytic Vegetation Present ☐ Yes ☒ No

Remarks:

Additional Remarks:

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

1/5/2018 10:12:11 AM

in

Case No(s). 17-2505-EL-BLN

Summary: Letter of Notification electronically filed by Ms. Christen M. Blend on behalf of AEP Ohio Transmission Power Company, Inc.