



This map and all data contained within are supplied as is with no warranty. Cardno ENTRIX expressly disclaims responsibility for damages or liability from any claims that may arise out of the use or misuse of this map. It is the sole responsibility of the user to determine if the data on this map meets the user's needs. This map was not created as survey data, nor should it be used as such. It is the user's responsibility to obtain proper survey data, prepared by a licensed surveyor, where required by law.

- Legend**
- Permitted Turbine Location
  - Proposed Turbine Location
  - - - Proposed Access Road
  - - - Proposed Underground Collection
  - - - Permitted Access Road
  - - - Permitted Underground Collection
  - Proposed Substation
  - Permitted Substation
  - Proposed Additional Project Corridor
  - Permitted Project Corridor
  - Permitted Laydown Yards
  - Project Boundary
  - County Boundary
  - Township Boundary
  - City Boundary
  - Existing Railroad
  - Fully Hydric Soils
  - Inaccessible Properties
  - Field Delineated Waterbodies \* **SOH-ADxx**
  - Field Delineated Wetlands \* **WOH-ADxx**
  - NWI Wetlands Outside Project Corridor
  - Additional Potential Wetlands Areas Denoted by Ohio DNR
  - USGS NHD Streams

Data Source(s):  
Everpower (2012)  
Wetlands: Cardno ENTRIX (2012), Ohio DNR Wetlands Inventory (1991), USFWS (1979), Soils: USDA-NRCS (2012) County, City, Township Boundaries, Railroads: ESRI Data and Maps (2008), Roads: U.S. Census Bureau Tiger Files (2012), USGS National Hydrography Dataset  
\* Only wetlands and waterbodies within the Proposed Additional Project Corridor are labeled on this map.

## Scioto Ridge Wind Farm Amended Figure 4 - Wetlands - Sheet 7 of 7

Hardin and Logan Counties, Ohio

Allen County	Hardin County
Auglaize County	Sheet 2 Sheet 3
	Sheet 4 Sheet 5
	Sheet 6 Sheet 7
Logan County	Union County



Image: 2011



10 Corporate Circle, Suite 300  
New Castle, DE 19720  
ph. (302) 395-1919  
fx. (302) 395-1920  
www.cardnoentrix.com

Map Created: 8/11/2014

# APPENDIX



## WETLAND FORMS

## WETLAND DETERMINATION DATA FORM -- Midwest Region

Project/Site:	Scioto Ridge Windfarm Amendment Data		City/County:	Logan		Sampling Date:	7/31/2014	
Applicant/Owner:	EverPower				State:	OH		
Investigator(s):	BJS		Section, Township, Range:	Rushcreek Township		Sampling Point: WOH-AD01-WE		
Landform (hillslope, terrace, etc.):	Depression		Local relief (concave, convex, none):	concave				
Slope (%):	0%	Lat:	40.51	Long:	-83.7142	Datum:		
Soil Map Unit Name:	Wv—Weazel silty clay loam		NWI classification:	PFO1A				
Are climatic / hydrologic conditions on the site typical for this time of year?								
Are Vegetation	Soil	, or Hydrology	significantly disturbed?	Yes	X	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	X	No	Is the Sampled Area				
Hydric Soil Present?	Yes	X	No	within a Wetland?				
Wetland Hydrology Present?	Yes	X	No	Yes	X	No		

Remarks:

## VEGETATION -- Use scientific names of plants.

Tree Stratum (Plot size: 30' radius )	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: 3 (B)
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
Sapling/Shrub Stratum (Plot size: 15' radius )				
1. <i>Cornus obliqua</i>	35%	Yes	FACW	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
Herb Stratum (Plot size: 5' radius )				
1. <i>Ambrosia trifida</i>	80%	Yes	FAC	
2. <i>Vernonia gigantea</i>	15%	No	FAC	
3. <i>Solidago canadensis</i>	10%	No	FACU	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
13. _____	_____	_____	_____	
14. _____	_____	_____	_____	
15. _____	_____	_____	_____	
16. _____	_____	_____	_____	
17. _____	_____	_____	_____	
18. _____	_____	_____	_____	
19. _____	_____	_____	_____	
20. _____	_____	_____	_____	
Woody Vine Stratum (Plot size: 30' radius )				
1. <i>Vitis riparia</i>	10%	Yes	FACW	
2. _____	10%	= Total Cover		
Remarks: (Include photo numbers here or on a separate sheet.)				

Total % Cover of:	Multiply by:
OBL species	x1 =
FACW species	x2 = 0.9
FAC species	x3 = 2.85
FACU species	x4 = 0.4
UPL species	x5 =
Column Totals:	1.50 (A) 4.15 (B)
Prevalence Index = B/A = 2.77	

## Hydrophytic Vegetation Indicators:

- 1-Rapid Test for Hydrophytic Vegetation
  - 2-Dominance Test is >50%  
X
  - 3-Prevalence Index is >3.0<sup>1</sup>  
X
  - 4-Morphological Adaptations<sup>1</sup> (Provide supporting 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.

Hydrophytic Vegetation Present?	Yes	X	No	
---------------------------------	-----	---	----	--

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**9/12/2014 9:14:23 AM**

**in**

**Case No(s). 14-1557-EL-BGA**

Summary: Application to Amend -- Exhibit D (Part 24 of 31) electronically filed by Mrs. Gretchen L. Petrucci on behalf of Hardin Wind LLC