

#### **SWPPP - Part 2**

- Turbine Location (8/5/2016)
- Designated Construction Entrance
- Access Road
- ✓ USGS NHD Flowline
  - Wetland Extent (National Wetland Inventory)
  - Wetland Extent (Ohio Wetland Inventory)
- PLSS Township
  - PLSS Section
- Figure 4 Mapbook Page Numbering and

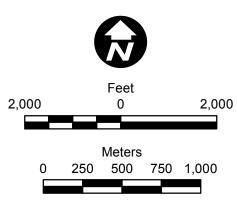
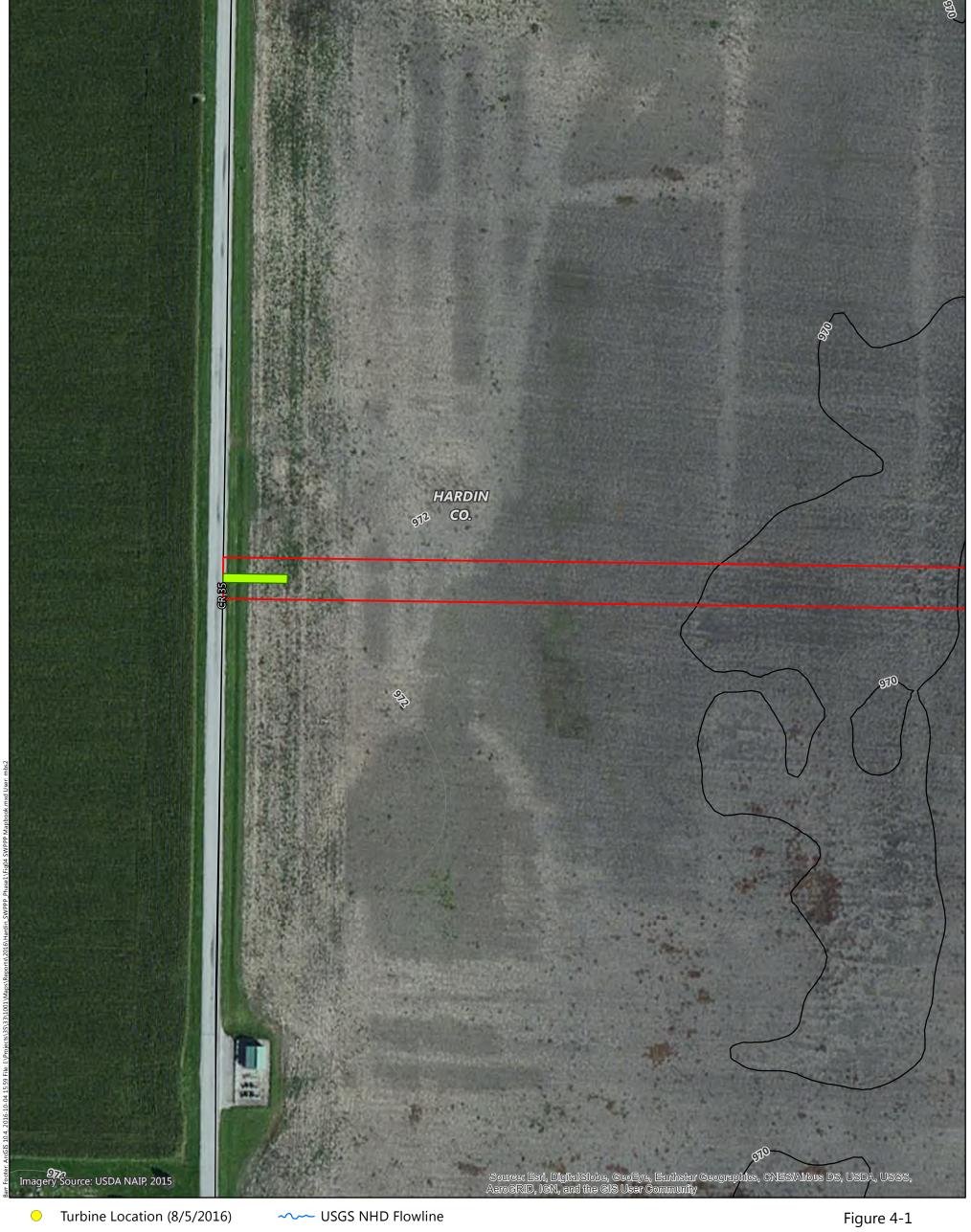


Figure 3-2 Ammendment 1

#### **SWPPP OVERVIEW**



--- Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

**Excavation Extent** 

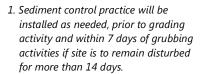
Soil Stockpile<sup>2</sup>

Wetland Extent (NWI)

Wetland Extent (Hardin County)

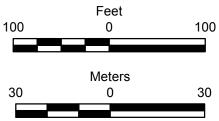
Elevation Contour (2006)

∠ 2 Foot Contour



2. Soil stockpile extents are approximate and will be field located.





Ammendment 1

Turbine 2

#### **SWPPP MAPBOOK**





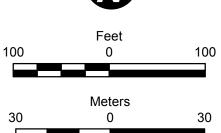
--- Flow Direction

Wetland Extent (Hardin County) Elevation Contour (2006)

∠ 2 Foot Contour

 ${\it 1. Sediment\ control\ practice\ will\ be}$ installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed

for more than 14 days. 2. Soil stockpile extents are approximate and will be field located.



Turbine 2

#### **SWPPP MAPBOOK** Hardin Wind Project

Invenergy LLC Hardin County, Ohio



--- Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

**Excavation Extent** 

Soil Stockpile<sup>2</sup>

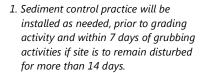
Wetland Extent (NWI)

Wetland Extent (Hardin County)

100

Elevation Contour (2006)

∠ 2 Foot Contour



2. Soil stockpile extents are approximate and will be field located.



100

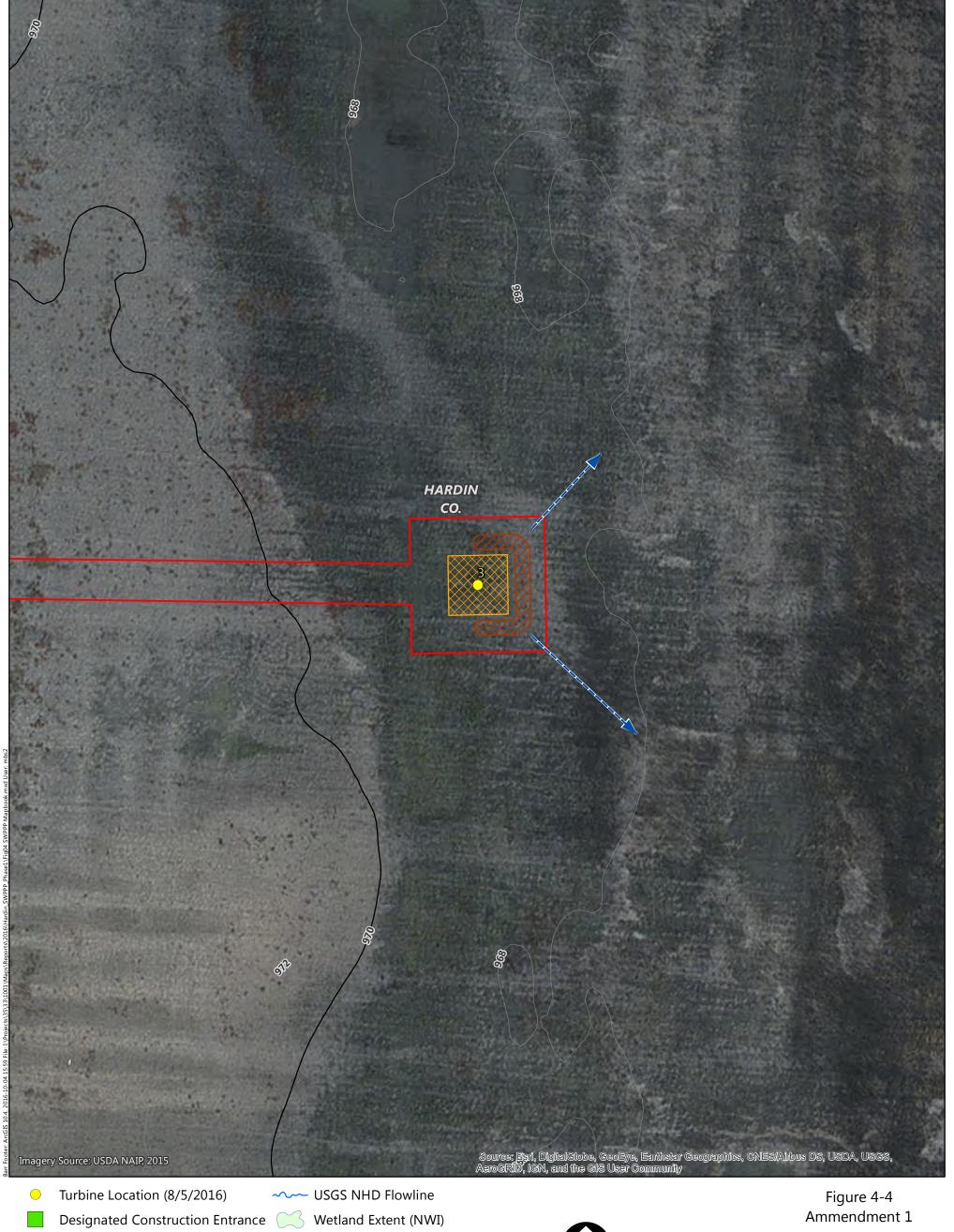
30

Meters

Turbine 3



Invenergy LLC Hardin County, Ohio



--- Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

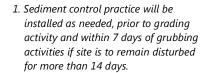
**Excavation Extent** 

Soil Stockpile<sup>2</sup>

Wetland Extent (Hardin County)

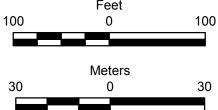
Elevation Contour (2006)

∠ 2 Foot Contour



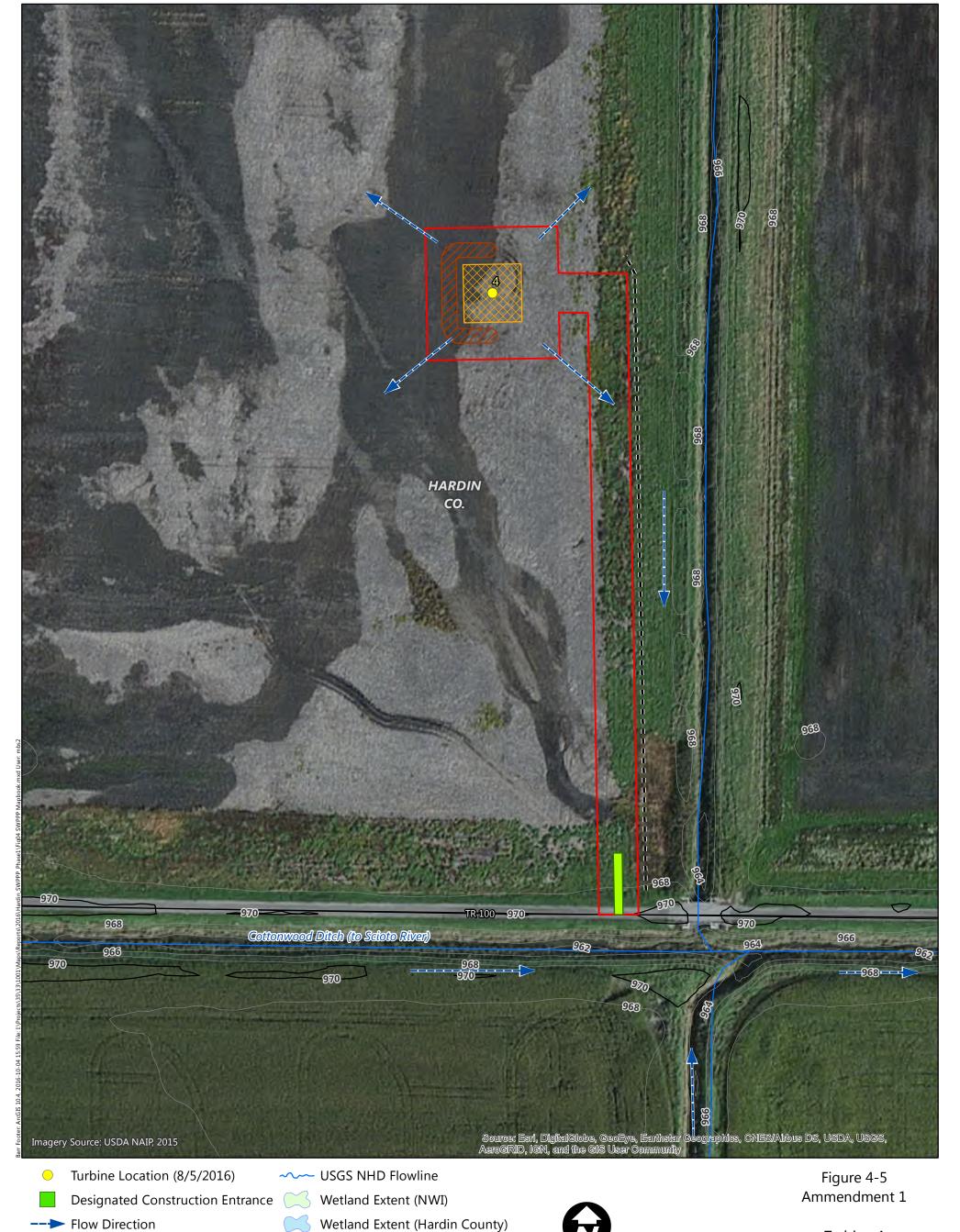
2. Soil stockpile extents are approximate and will be field located.

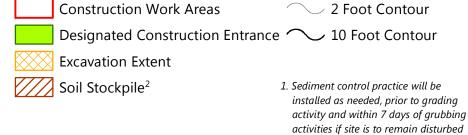




Turbine 3

#### **SWPPP MAPBOOK**





Elevation Contour (2006)

for more than 14 days.

and will be field located.

2. Soil stockpile extents are approximate

--- Sediment Control Practice<sup>1</sup>

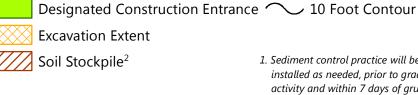
Feet
100 0 100

Meters
30 0 30

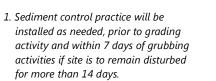
Turbine 4

SWPPP MAPBOOK
Hardin Wind Project
Invenergy LLC
Hardin County, Ohio





**Construction Work Areas** 



100

30

100

30

Meters

2. Soil stockpile extents are approximate and will be field located.

Elevation Contour (2006)

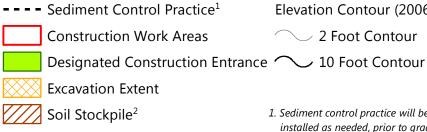
∠ 2 Foot Contour

Turbine 5



Invenergy LLC
Hardin County, Ohio



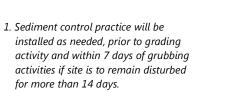


--- Flow Direction

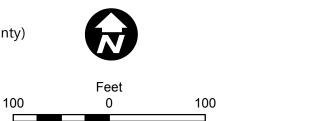
Wetland Extent (NWI)

Wetland Extent (Hardin County) Elevation Contour (2006)

∠ 2 Foot Contour



2. Soil stockpile extents are approximate and will be field located.



30

Meters

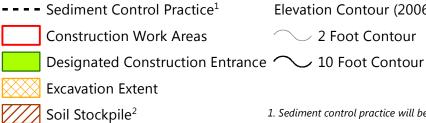
30

Ammendment 1

Turbine 6

# **SWPPP MAPBOOK**





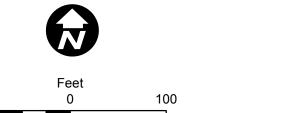
Wetland Extent (Hardin County) Elevation Contour (2006)

100

∠ 2 Foot Contour

 ${\it 1. Sediment\ control\ practice\ will\ be}$ installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed for more than 14 days.

2. Soil stockpile extents are approximate and will be field located.



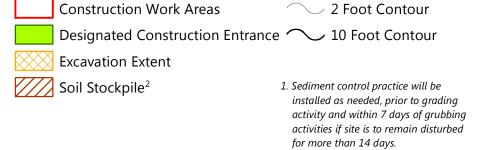
30

Meters

Turbine 16

# **SWPPP MAPBOOK**



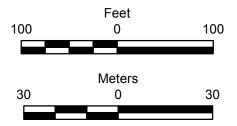


Elevation Contour (2006)

2. Soil stockpile extents are approximate

and will be field located.

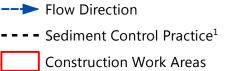
--- Sediment Control Practice<sup>1</sup>



Turbine 17

SWPPP MAPBOOK
Hardin Wind Project
Invenergy LLC
Hardin County, Ohio





Designated Construction Entrance 10 Foot Contour

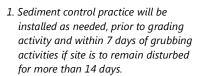
**Excavation Extent** Soil Stockpile<sup>2</sup>

∠ 2 Foot Contour

Elevation Contour (2006)

Wetland Extent (Hardin County)

100



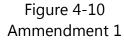
2. Soil stockpile extents are approximate and will be field located.



Meters

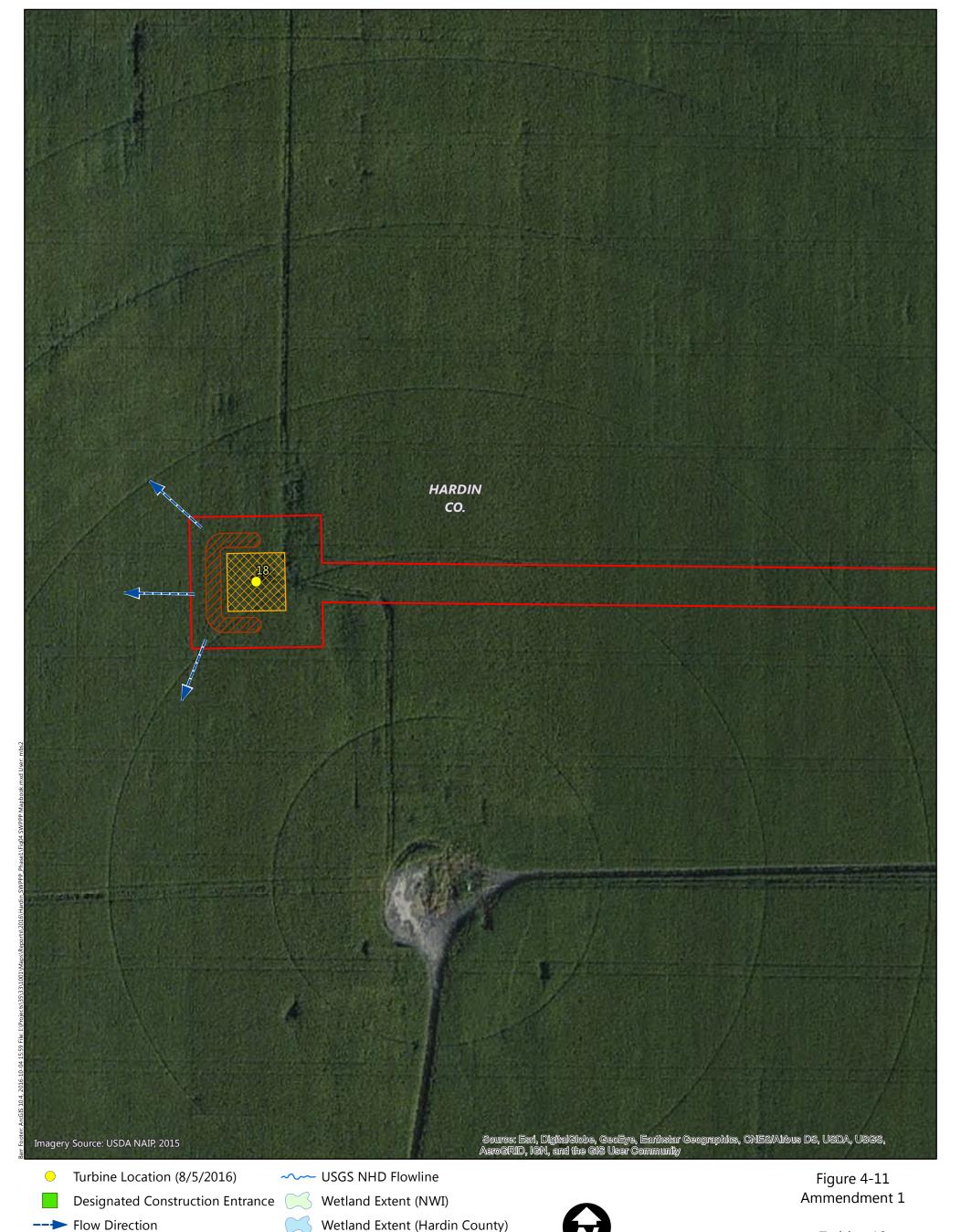
100

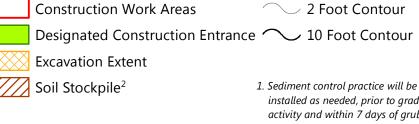
30



**Turbine 17** 







installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed for more than 14 days.

Elevation Contour (2006)

100

100

30

Meters

2. Soil stockpile extents are approximate and will be field located.

Turbine 18

#### **SWPPP MAPBOOK**



--- Flow Direction --- Sediment Control Practice<sup>1</sup> **Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

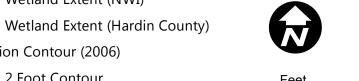
**Excavation Extent** Soil Stockpile<sup>2</sup>

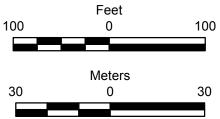
 ${\it 1. Sediment\ control\ practice\ will\ be}$ installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed

Elevation Contour (2006)

∠ 2 Foot Contour

for more than 14 days. 2. Soil stockpile extents are approximate and will be field located.

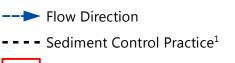




Turbine 18

# **SWPPP MAPBOOK**





Soil Stockpile<sup>2</sup>

Construction Work Areas

Designated Construction Entrance

Designated Construction Entrance 10 Foot Contour

Excavation Extent

Sediment control practice will be installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed

Elevation Contour (2006)

∠ 2 Foot Contour

Wetland Extent (Hardin County)

100

for more than 14 days.
2. Soil stockpile extents are approximate and will be field located.

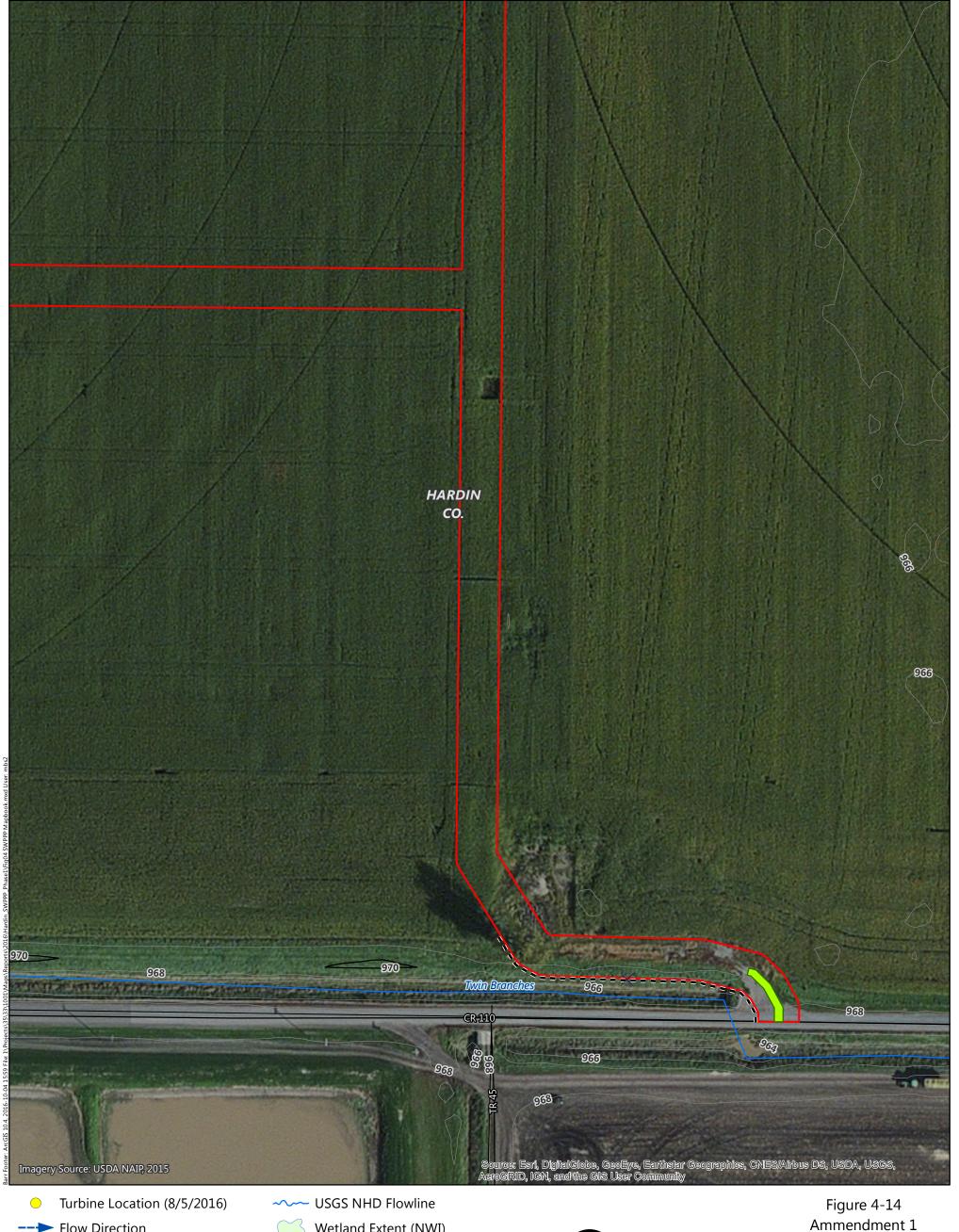
Meters

100

30

Turbine 19

#### SWPPP MAPBOOK



→ Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance

**Excavation Extent** 

Soil Stockpile<sup>2</sup>

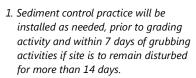
Wetland Extent (NWI)



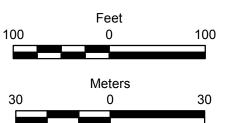
Elevation Contour (2006)

∠ 2 Foot Contour

10 Foot Contour



2. Soil stockpile extents are approximate and will be field located.



Turbine 19

#### **SWPPP MAPBOOK**



--- Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

**Excavation Extent** 

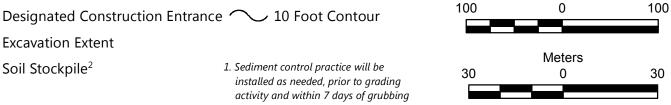
Soil Stockpile<sup>2</sup>

Wetland Extent (NWI)

Wetland Extent (Hardin County)

Elevation Contour (2006)

∠ 2 Foot Contour



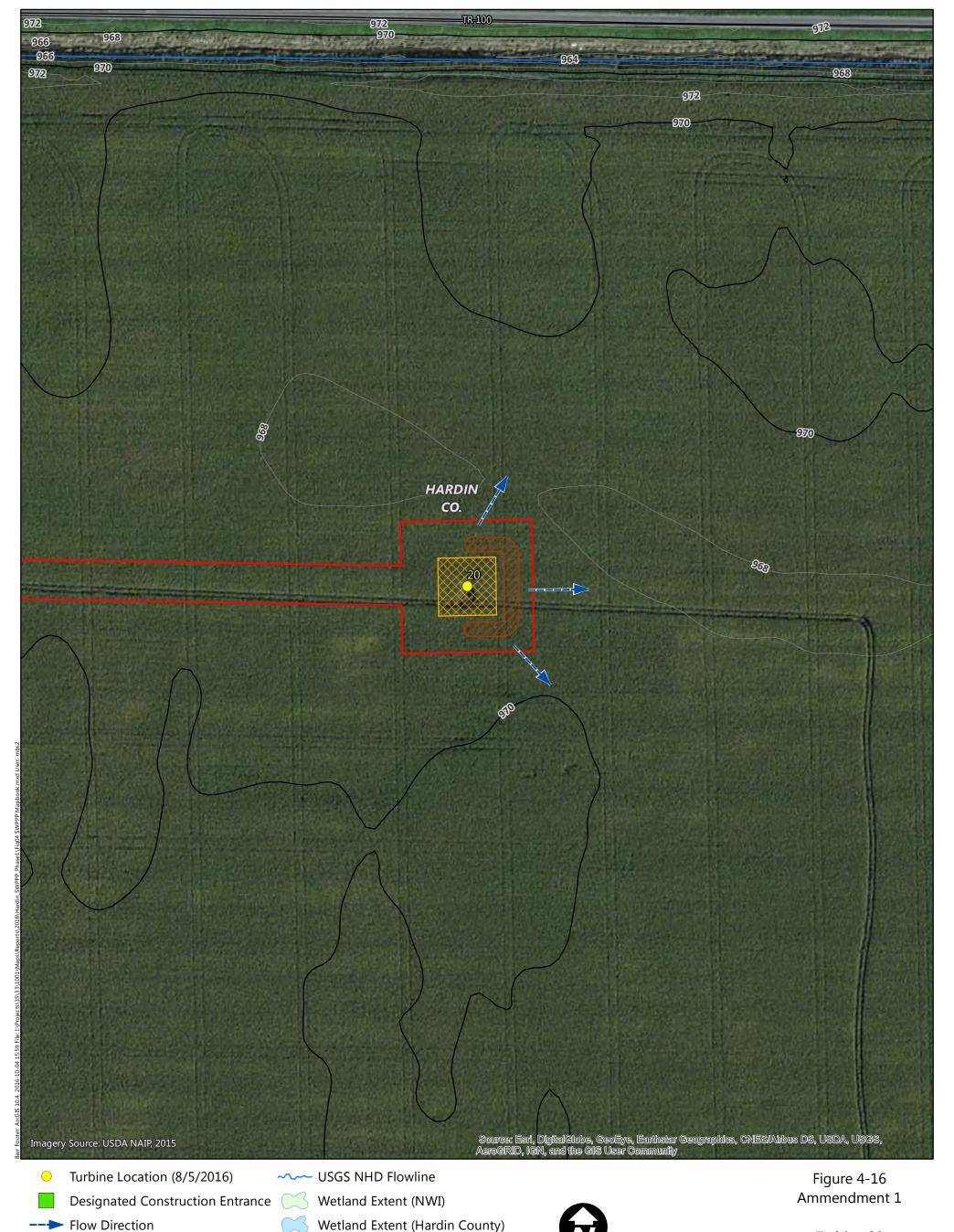
installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed for more than 14 days.

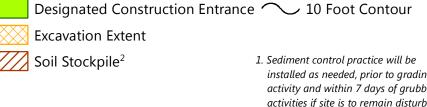
2. Soil stockpile extents are approximate and will be field located.

Ammendment 1

Turbine 20

#### **SWPPP MAPBOOK**





**Construction Work Areas** 

installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed for more than 14 days.

Elevation Contour (2006)

∠ 2 Foot Contour

100

100

30

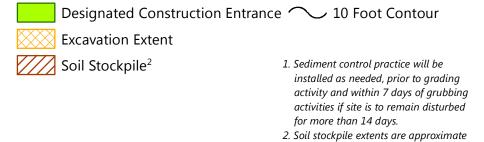
Meters

2. Soil stockpile extents are approximate and will be field located.

Turbine 20







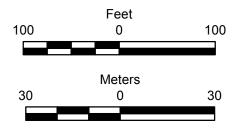
Elevation Contour (2006)

and will be field located.

∠ 2 Foot Contour

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

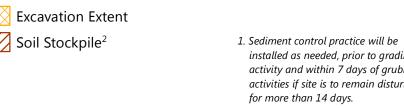


Turbine 21

SWPPP MAPBOOK
Hardin Wind Project
Invenergy LLC

Hardin County, Ohio





Designated Construction Entrance 10 Foot Contour

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed

Elevation Contour (2006)

∠ 2 Foot Contour

100

100

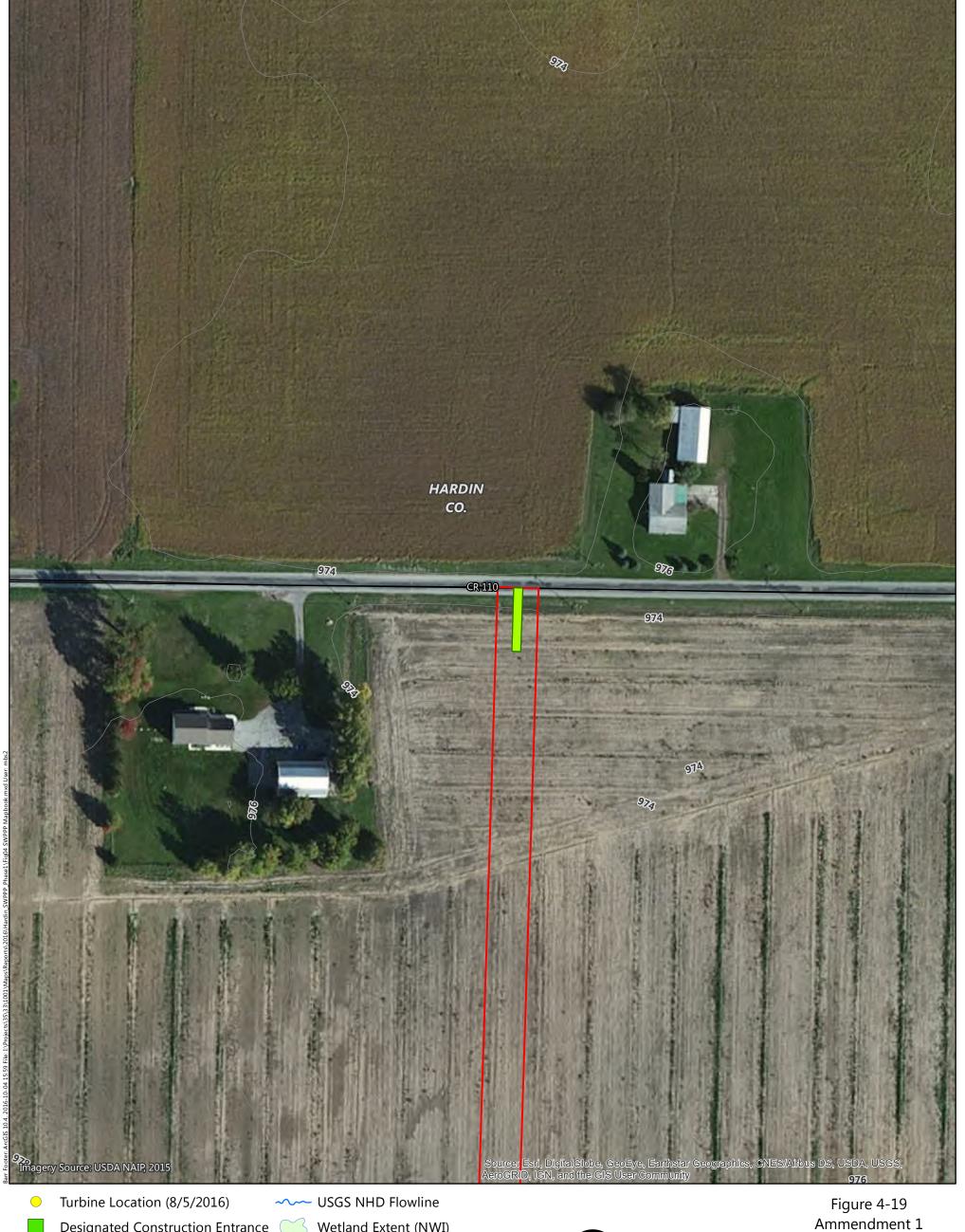
30

Meters

2. Soil stockpile extents are approximate and will be field located.

Turbine 21





--- Flow Direction

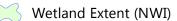
--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

**Excavation Extent** 

Soil Stockpile<sup>2</sup>

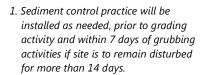


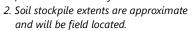


100

Elevation Contour (2006)

∠ 2 Foot Contour







100

30

Meters

Turbine 33

**SWPPP MAPBOOK** 





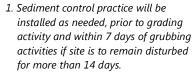
--- Flow Direction

Wetland Extent (NWI) Wetland Extent (Hardin County)

100

Elevation Contour (2006)

∠ 2 Foot Contour



2. Soil stockpile extents are approximate and will be field located.



100

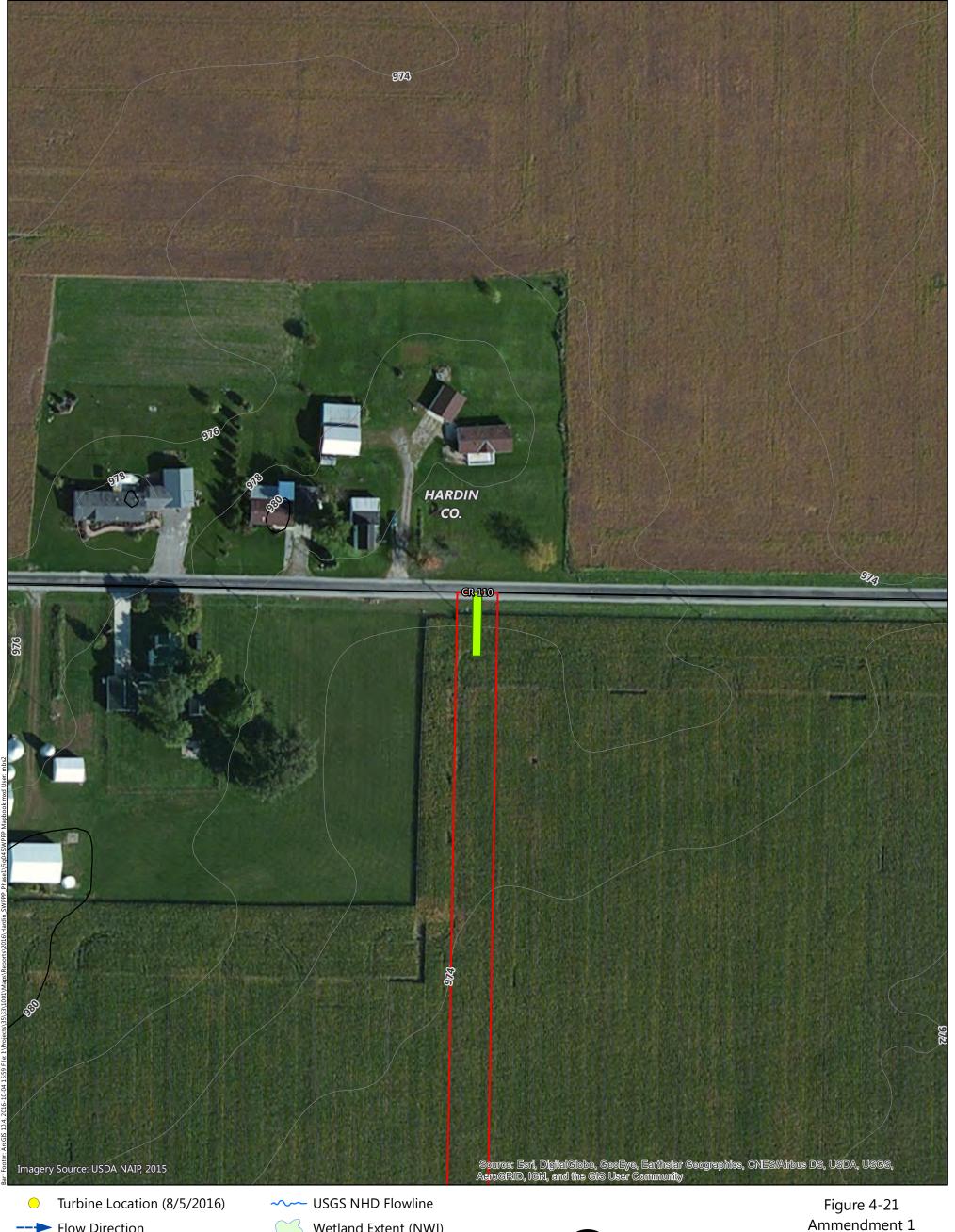
30

Meters

Turbine 33



Invenergy LLC Hardin County, Ohio



--- Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance

**Excavation Extent** 

Soil Stockpile<sup>2</sup>

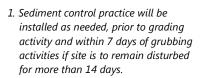
Wetland Extent (NWI)

Wetland Extent (Hardin County)

Elevation Contour (2006)

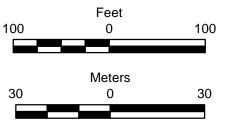
2 Foot Contour

10 Foot Contour



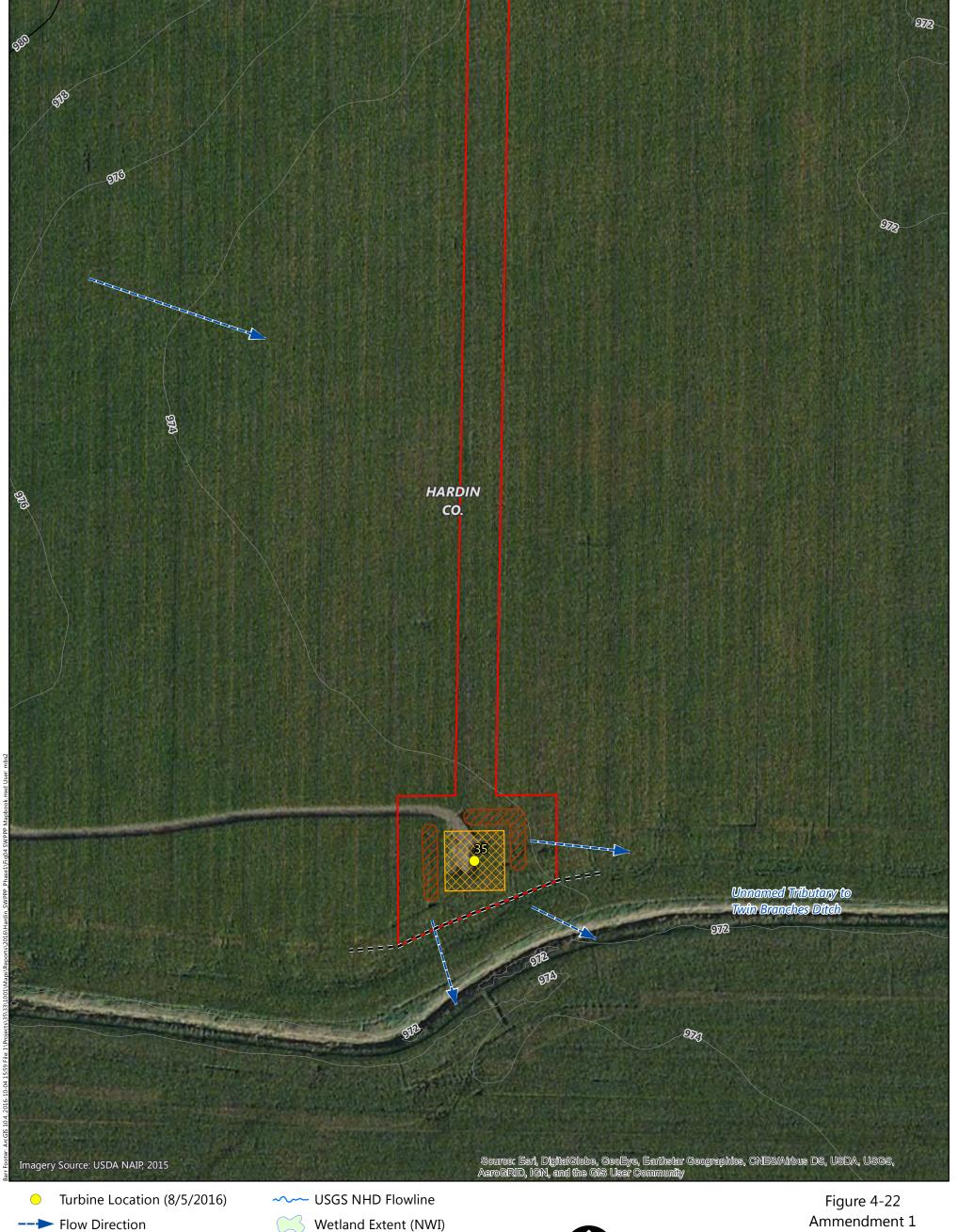
2. Soil stockpile extents are approximate and will be field located.





Turbine 35

#### **SWPPP MAPBOOK**





Soil Stockpile<sup>2</sup>

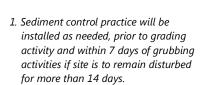
Wetland Extent (NWI)

Wetland Extent (Hardin County)

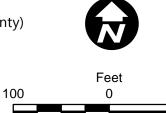
Elevation Contour (2006)

2 Foot Contour

10 Foot Contour



2. Soil stockpile extents are approximate and will be field located.



30

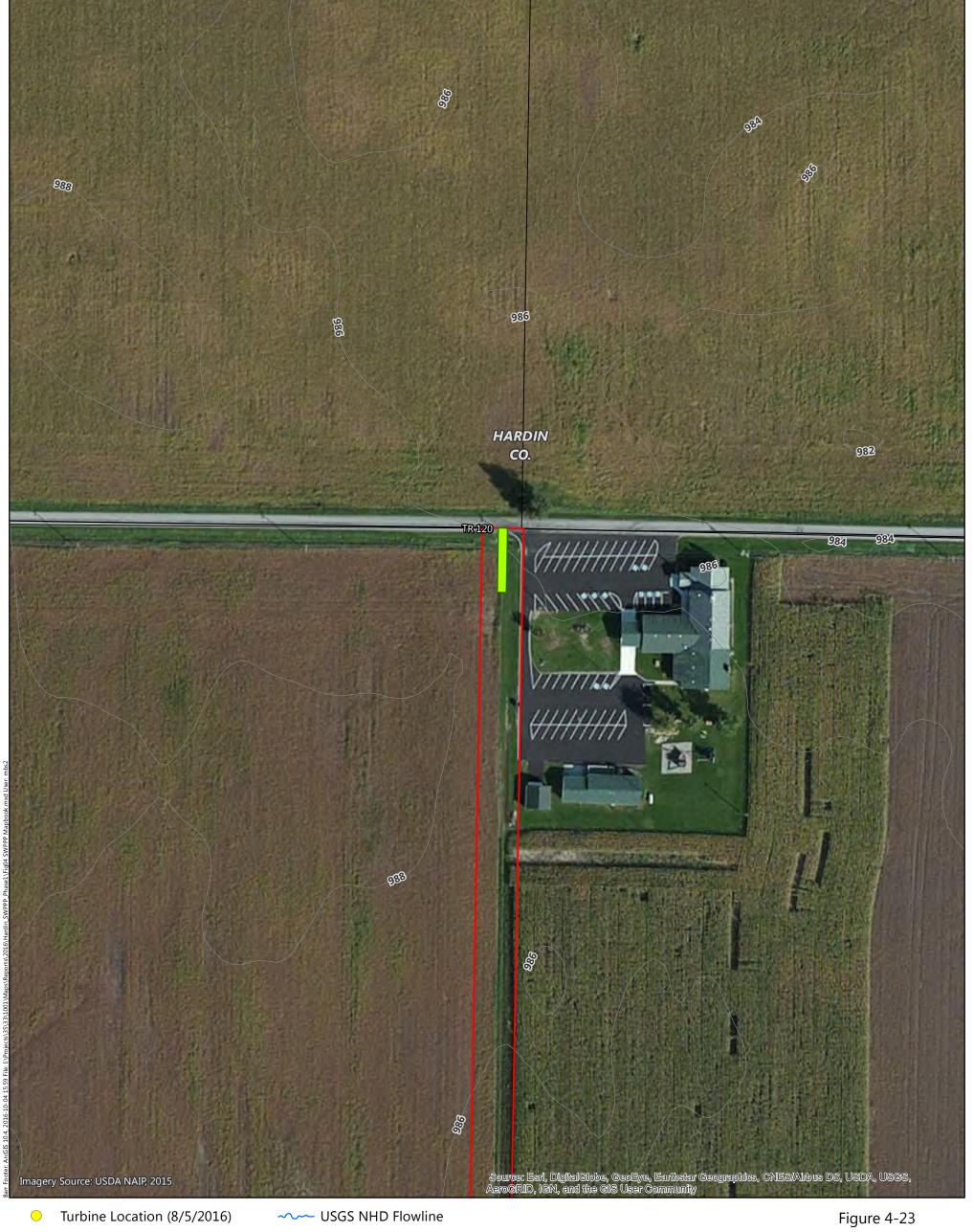
Meters

100

30

Turbine 35

## **SWPPP MAPBOOK**





--- Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

**Excavation Extent** Soil Stockpile<sup>2</sup>

1. Sediment control practice will be installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed for more than 14 days.

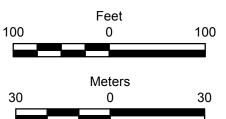
Elevation Contour (2006)

∠ 2 Foot Contour

Wetland Extent (NWI)

Wetland Extent (Hardin County)

2. Soil stockpile extents are approximate and will be field located.

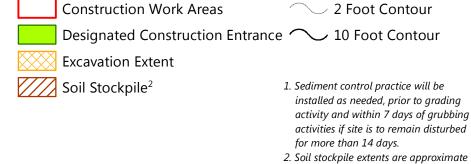


Ammendment 1

Turbine 37

#### **SWPPP MAPBOOK**

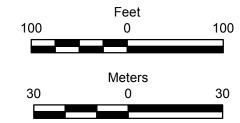




Elevation Contour (2006)

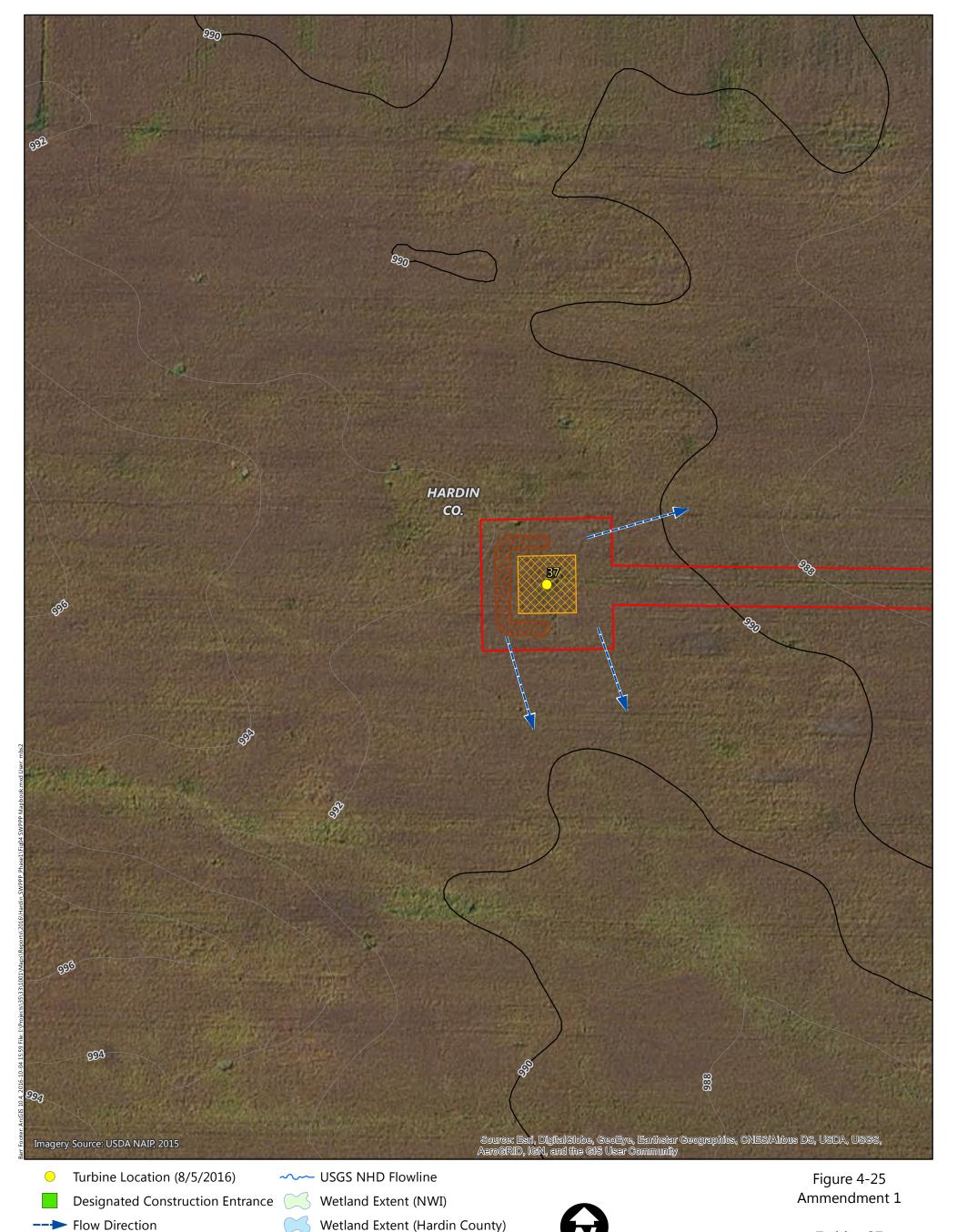
and will be field located.

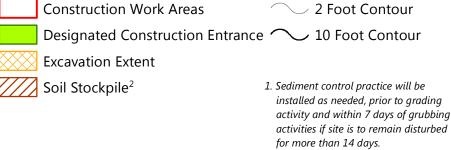
--- Sediment Control Practice<sup>1</sup>

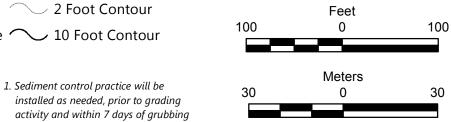


Turbine 37

# SWPPP MAPBOOK Hardin Wind Project Invenergy LLC Hardin County, Ohio







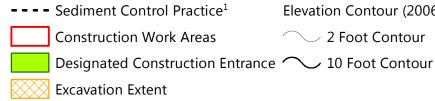
2. Soil stockpile extents are approximate and will be field located.

Elevation Contour (2006)

Turbine 37

## SWPPP MAPBOOK





Soil Stockpile<sup>2</sup>

1. Sediment control practice will be installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed for more than 14 days.

Elevation Contour (2006)

∠ 2 Foot Contour

2. Soil stockpile extents are approximate and will be field located.

100 100

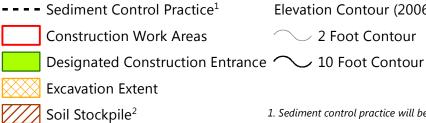
30

Meters

Turbine 38

#### **SWPPP MAPBOOK**



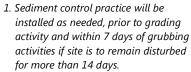


Wetland Extent (Hardin County)

100

Elevation Contour (2006)

∠ 2 Foot Contour



2. Soil stockpile extents are approximate and will be field located.



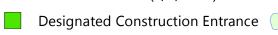
100

30

Meters

#### **SWPPP MAPBOOK** Hardin Wind Project Invenergy LLC Hardin County, Ohio





--- Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

**Excavation Extent** 

Soil Stockpile<sup>2</sup>

Wetland Extent (NWI)

Wetland Extent (Hardin County)

100

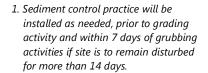
100

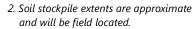
30

Meters

Elevation Contour (2006)

∠ 2 Foot Contour



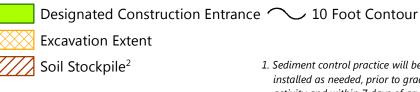


Ammendment 1

Turbine 103







**Construction Work Areas** 

Wetland Extent (Hardin County) Elevation Contour (2006) ∠ 2 Foot Contour 100

 ${\it 1. Sediment\ control\ practice\ will\ be}$ installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed for more than 14 days.

2. Soil stockpile extents are approximate and will be field located.

100

30

Meters

Turbine 104

# **SWPPP MAPBOOK**





**Construction Work Areas** 

installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed for more than 14 days.

Elevation Contour (2006)

∠ 2 Foot Contour

100

30

100

30

Meters

2. Soil stockpile extents are approximate and will be field located.

Turbine 105





--- Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

**Excavation Extent** 

Soil Stockpile<sup>2</sup>

Wetland Extent (NWI)

Wetland Extent (Hardin County)

100

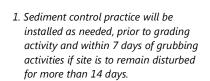
100

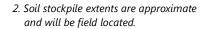
30

Meters

Elevation Contour (2006)

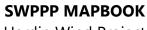
∠ 2 Foot Contour

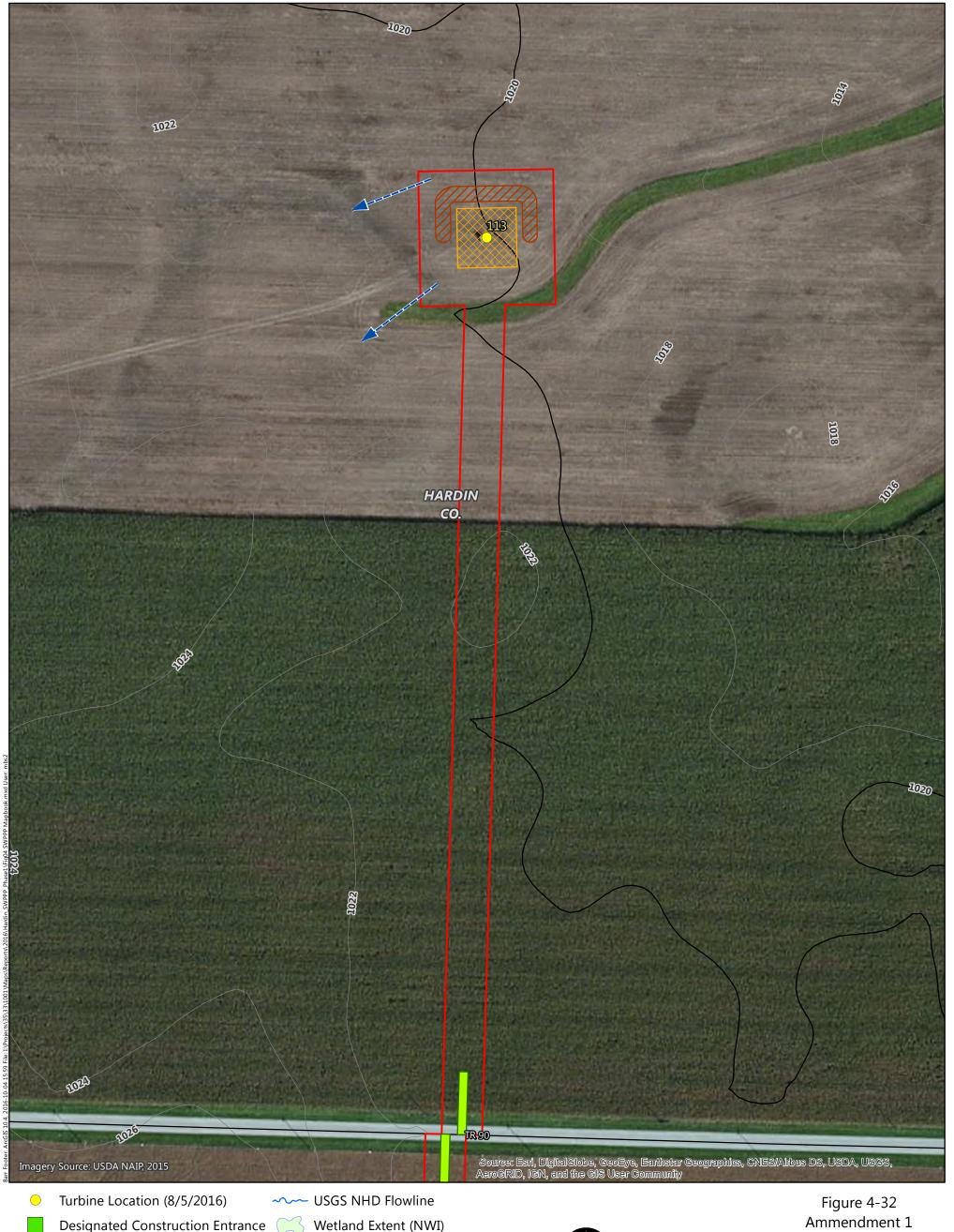




Ammendment 1

Turbine 106







--- Flow Direction

Designated Construction Entrance 10 Foot Contour

**Excavation Extent** Soil Stockpile<sup>2</sup>

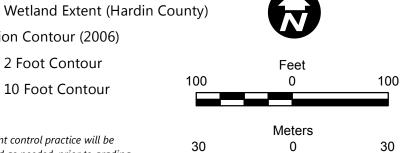
1. Sediment control practice will be installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed

Elevation Contour (2006)

∠ 2 Foot Contour

2. Soil stockpile extents are approximate and will be field located.

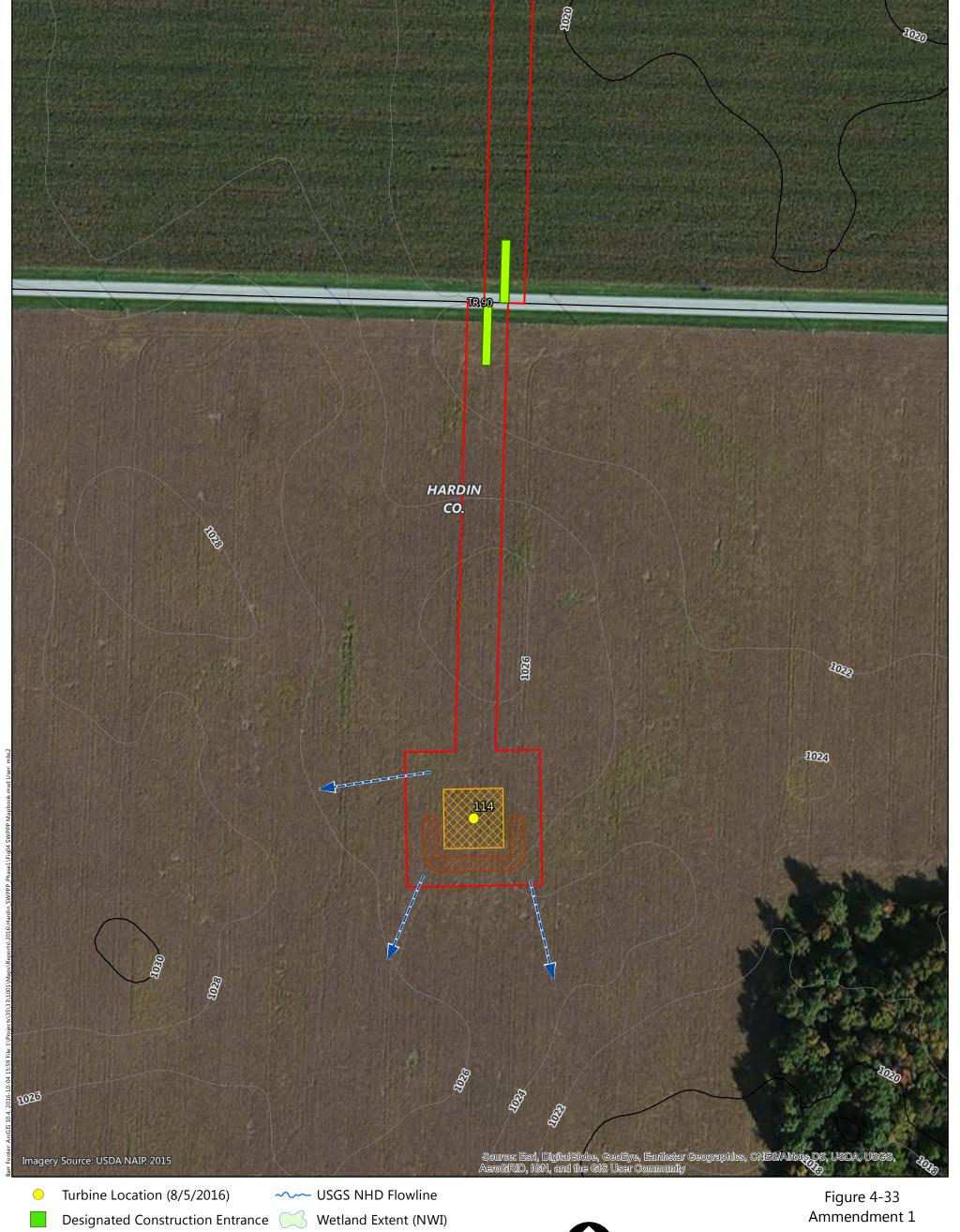
for more than 14 days.

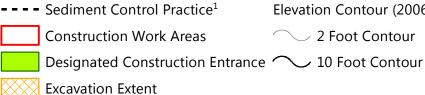


Ammendment 1

Turbine 113

## **SWPPP MAPBOOK**





--- Flow Direction

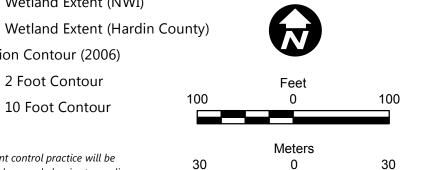
**Excavation Extent** Soil Stockpile<sup>2</sup>

 ${\it 1. Sediment\ control\ practice\ will\ be}$ installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed for more than 14 days.

Elevation Contour (2006)

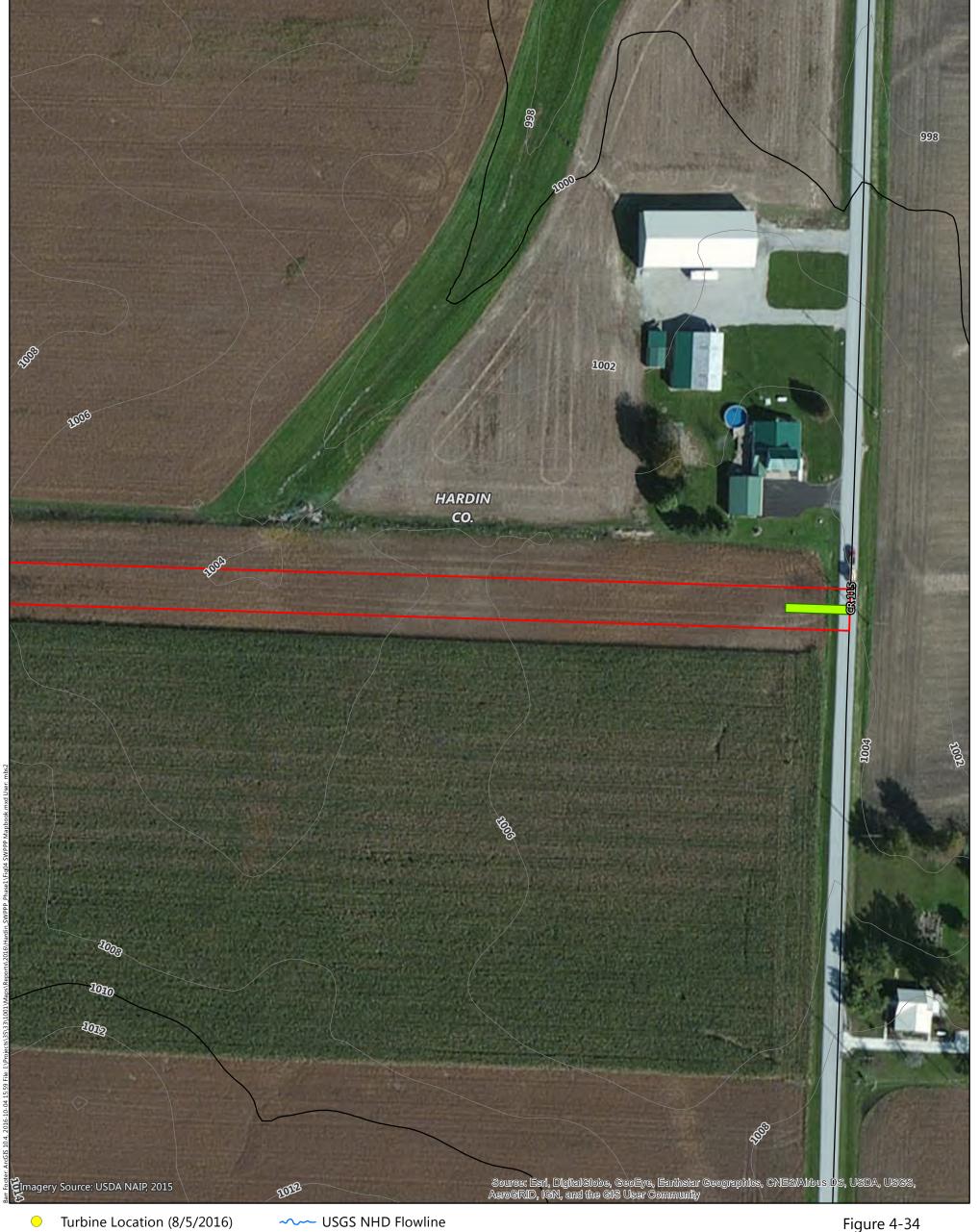
∠ 2 Foot Contour

2. Soil stockpile extents are approximate and will be field located.



Turbine 114

## **SWPPP MAPBOOK**



--- Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

**Excavation Extent** 

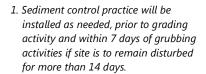
Soil Stockpile<sup>2</sup>

Wetland Extent (NWI)

Wetland Extent (Hardin County)

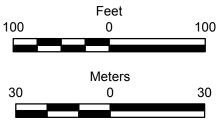
Elevation Contour (2006)

∠ 2 Foot Contour



2. Soil stockpile extents are approximate and will be field located.



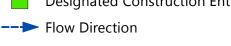


Ammendment 1

Turbine 115

#### **SWPPP MAPBOOK**





**Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

**Excavation Extent** 

Soil Stockpile<sup>2</sup>

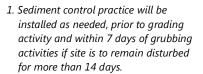
Wetland Extent (NWI)

Wetland Extent (Hardin County)

100

Elevation Contour (2006)

∠ 2 Foot Contour



2. Soil stockpile extents are approximate and will be field located.

Meters

100

30

Turbine 115

#### **SWPPP MAPBOOK**



--- Flow Direction

--- Sediment Control Practice<sup>1</sup>

**Construction Work Areas** 

Designated Construction Entrance 10 Foot Contour

**Excavation Extent** 

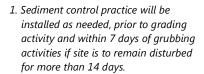
Soil Stockpile<sup>2</sup>

Wetland Extent (NWI)

Wetland Extent (Hardin County)

Elevation Contour (2006)

∠ 2 Foot Contour



2. Soil stockpile extents are approximate and will be field located.



Meters

100

30

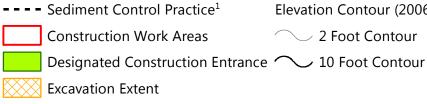
100

Ammendment 1

Turbine 116

#### **SWPPP MAPBOOK**





--- Flow Direction

1. Sediment control practice will be Soil Stockpile<sup>2</sup> installed as needed, prior to grading activity and within 7 days of grubbing activities if site is to remain disturbed

for more than 14 days. 2. Soil stockpile extents are approximate and will be field located.

Elevation Contour (2006)

∠ 2 Foot Contour

Wetland Extent (Hardin County)

Meters

100

Turbine 121

100

30

**SWPPP MAPBOOK** Hardin Wind Project Invenergy LLC Hardin County, Ohio This foregoing document was electronically filed with the Public Utilities

**Commission of Ohio Docketing Information System on** 

11/15/2016 1:52:11 PM

in

Case No(s). 09-0479-EL-BGN

Summary: Correspondence of Hardin Wind Energy LLC in Compliance with Condition No. 54 - SWPPP, Part 2 electronically filed by Teresa Orahood on behalf of Sally W. Bloomfield