

Application for Third Amendment to
Siting Certificate for Hog Creek Wind Farm LLC
Hardin County, Ohio

Hog Creek I Wind Farm

Case No. 16-1422-EL-BGA

AND

Application for Second Amendment to
Siting Certificate for Hog Creek Wind Farm LLC
Hardin County, Ohio

Hog Creek II Wind Farm

Case No. 16-1423-EL-BGA

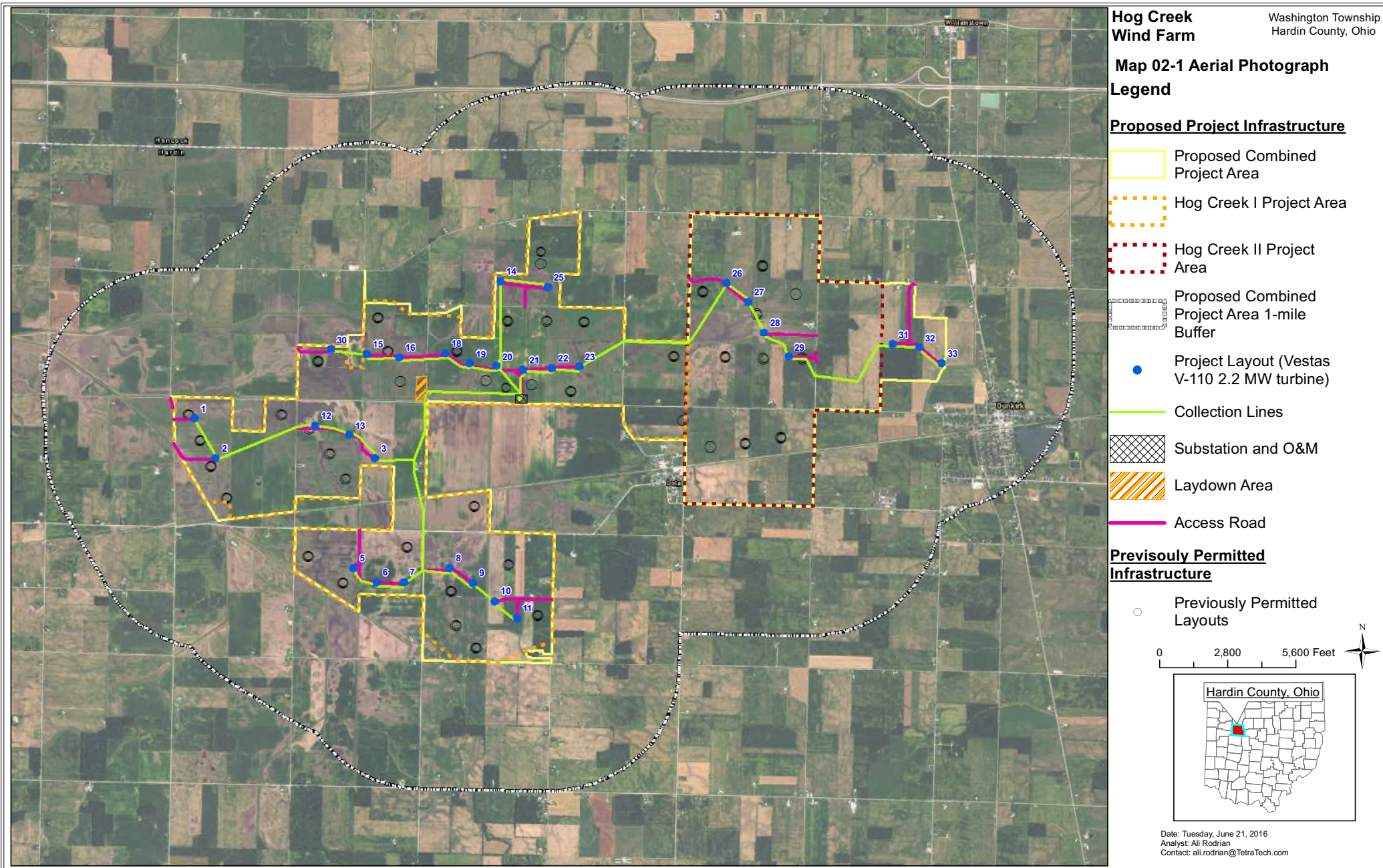
JOINT FIGURES

For submittal to

Ohio Power Siting Board
Columbus, Ohio
June 22, 2016

**CASE NO. 16-1422-EL-BGA
and
CASE NO. 16-1423-EL-BGA**

**JOINT FIGURE
MAP 02-1
AERIAL PHOTOGRAPH**



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
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Base map: Coordinate System: NAD 1983 StatePlane Ohio North FIPS 3401 Feet
Projection: Lambert Conformal ConicDatum: North American 1983

Scale 1:41,000

**CASE NO. 16-1422-EL-BGA
and
CASE NO. 16-1423-EL-BGA**

**JOINT FIGURE
MAP 02-2
MAPBOOK OF LAYOUT 1:24,000 SCALE**

Hog Creek Wind Farm

Washington Township
Hardin County, Ohio

Map 02-2 Mapbook of Layout 1:24,00 Scale

Page 1 of 20

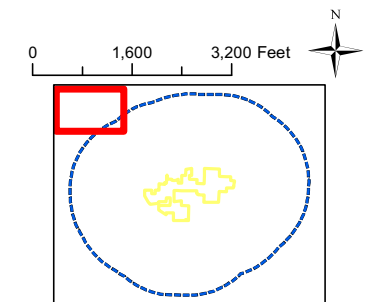
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Proposed Project Infrastructure

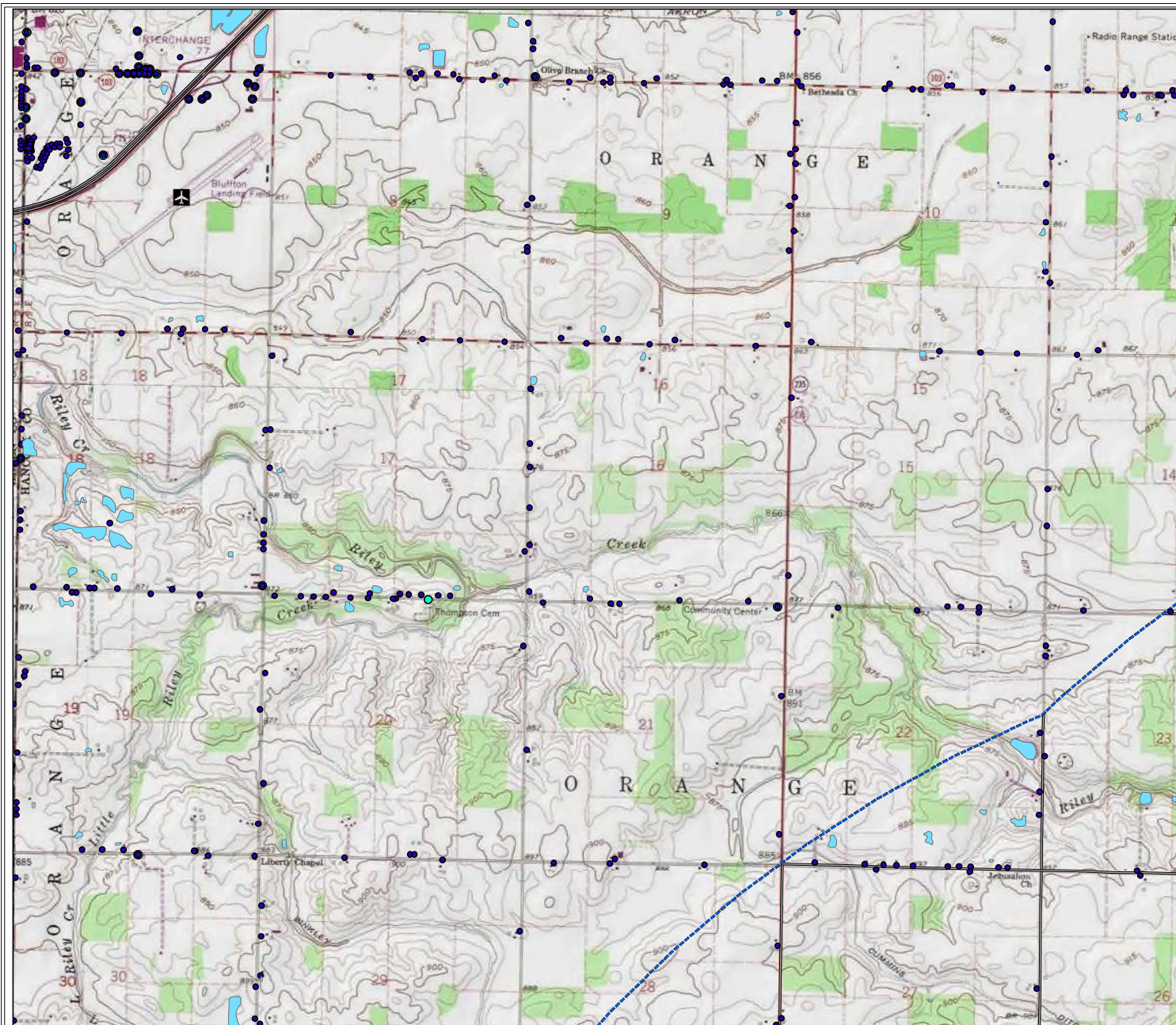
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-  Hog Creek I Project Area
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-  Project Layout (Vestas V-110 2.2 MW turbine)
-  Substation and O&M
-  Laydown Area
-  Collection Lines
-  Access Road

Existing Features

-  Major Institutions, Parks, and Recreational areas
-  Freshwater Pond
-  Lake
-  Other surface body of water
-  Residences
-  Commercial or Industrial Buildings
-  Major Population Centers
-  Air transportation facility, existing or proposed
-  Proposed Combined Project Boundary 5-mile Buffer
-  Major Transportation Routes and Utility Corridors



Date: Tuesday, June 21, 2016
Analyst: Ali Rodrian
Contact: ali.rodrian@TetraTech.com





Hog Creek Wind Farm

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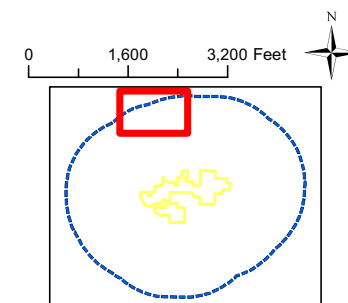
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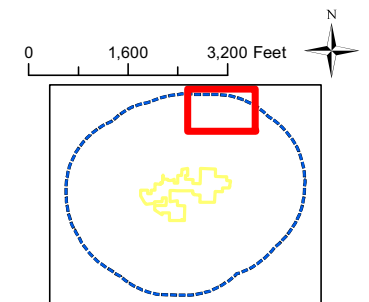
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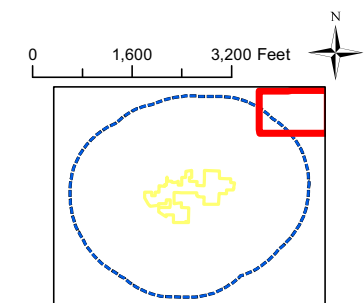
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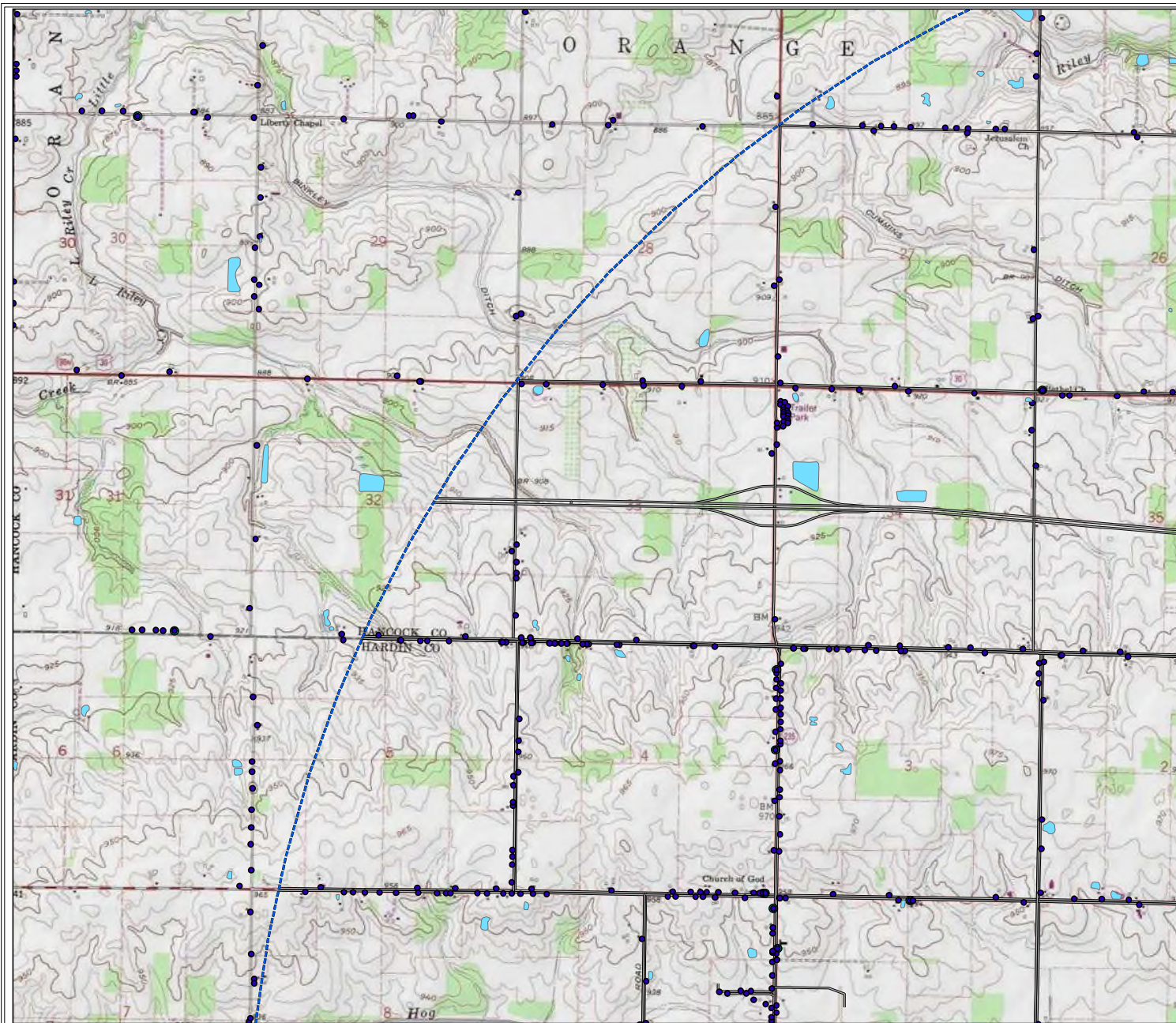
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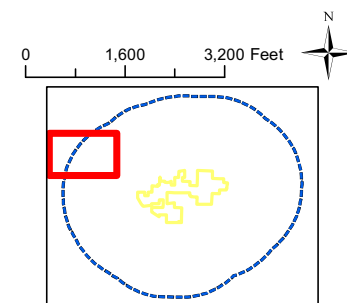
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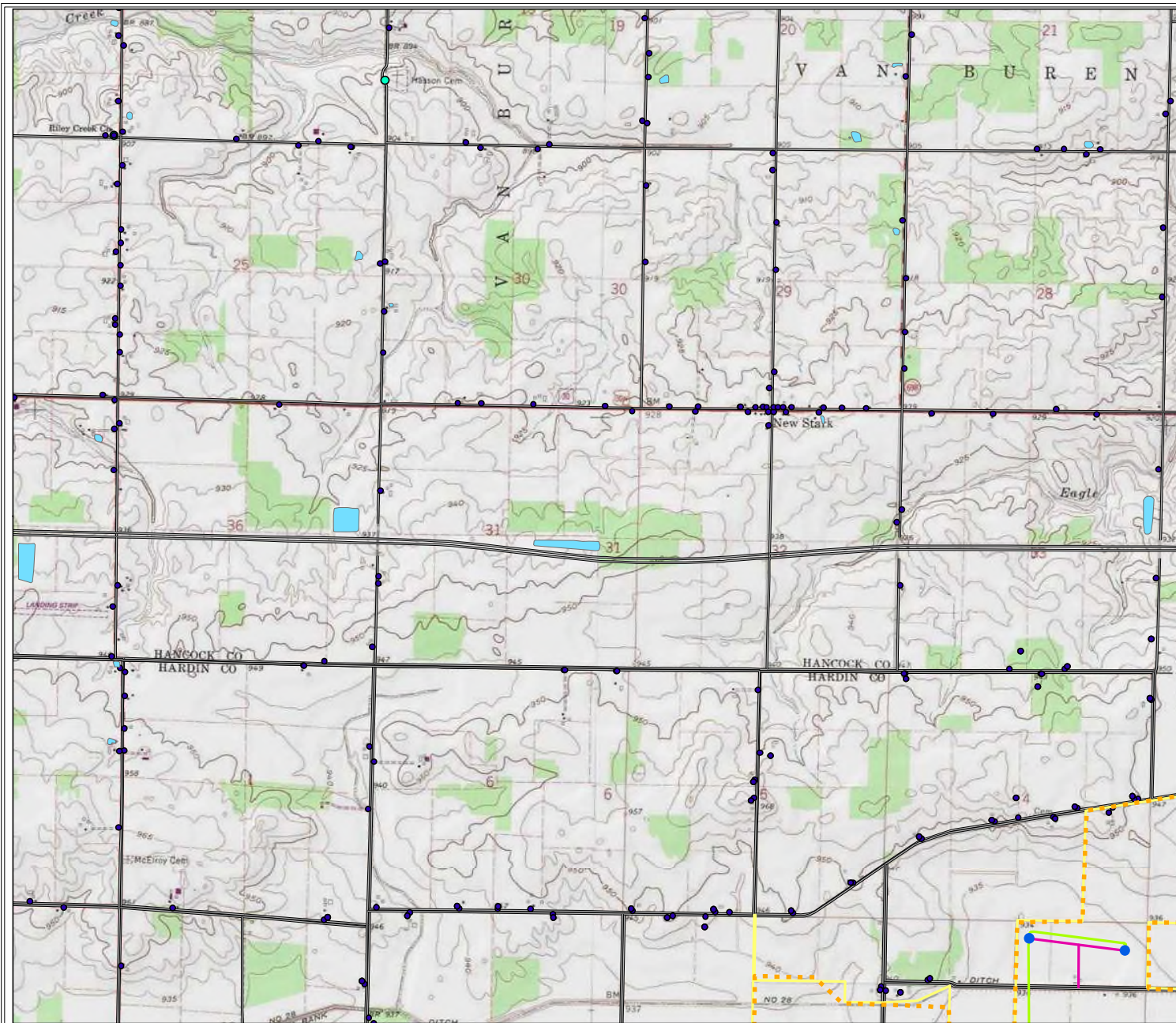
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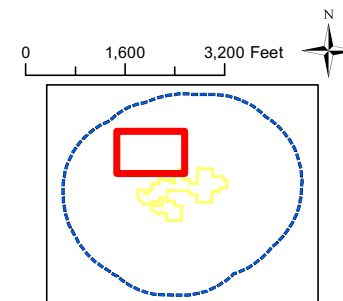
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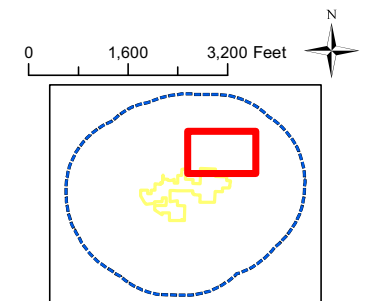
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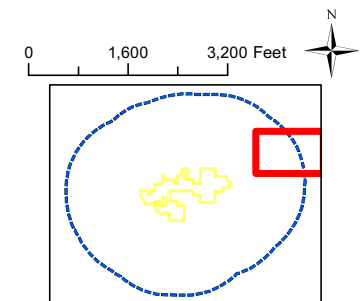
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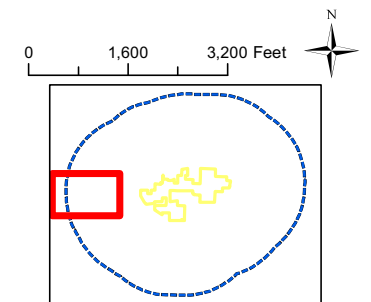
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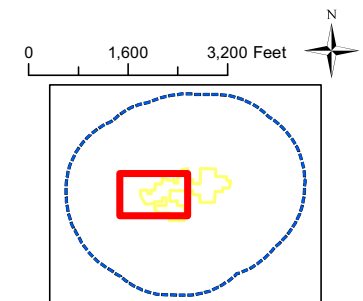
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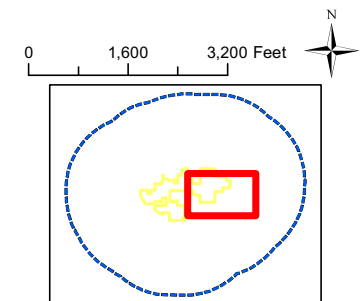
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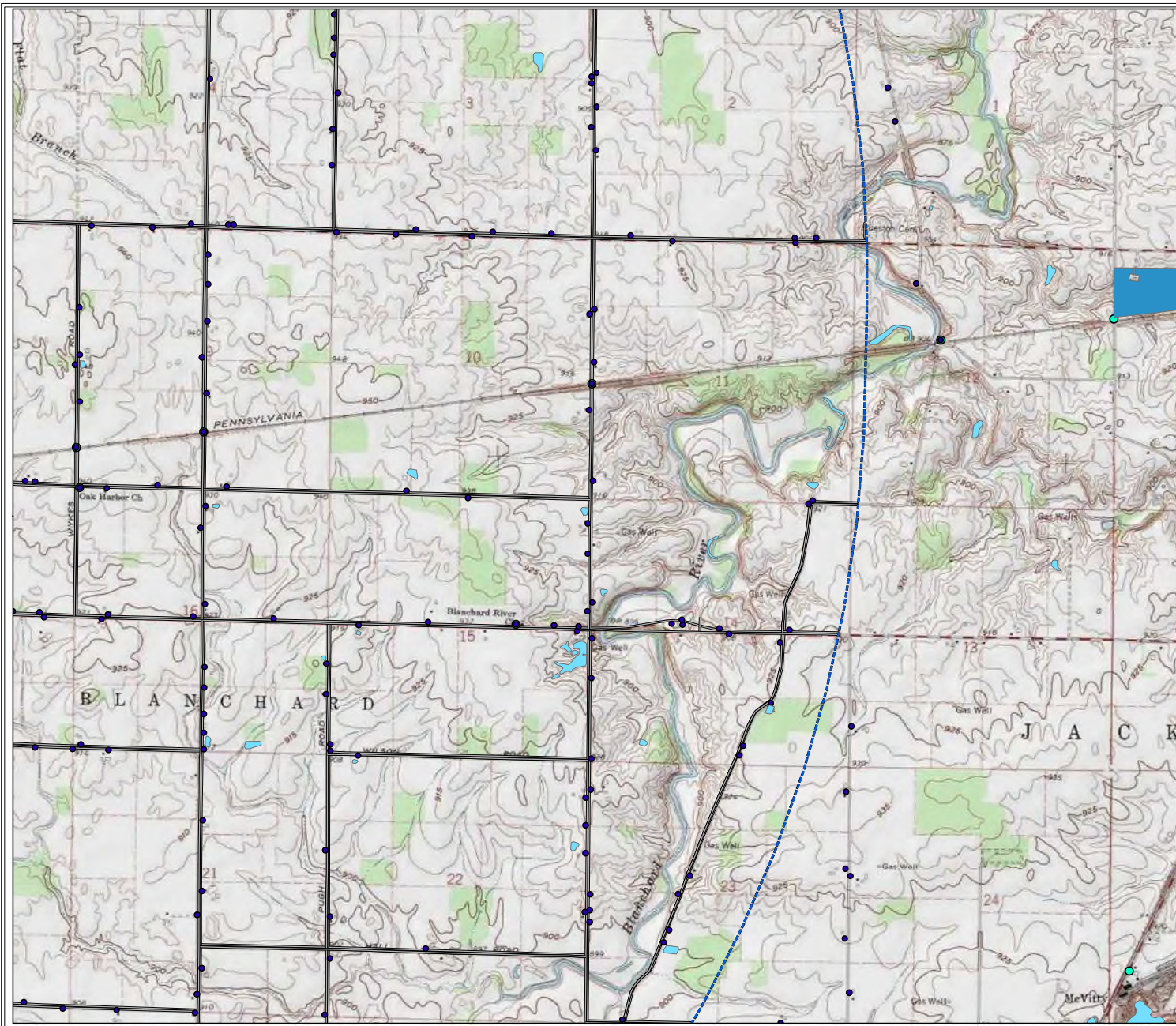
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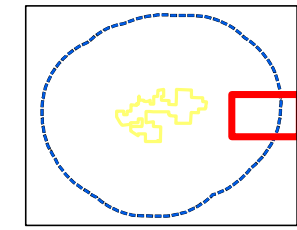
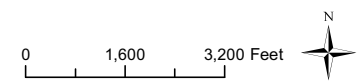
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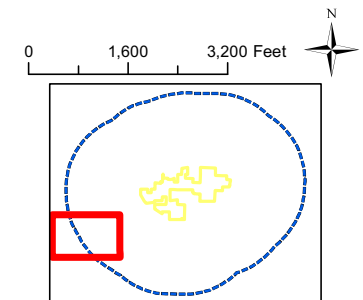
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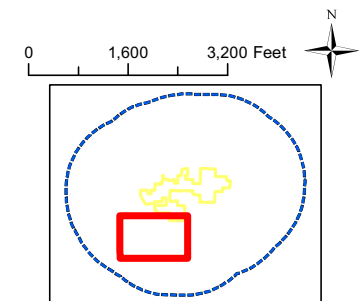
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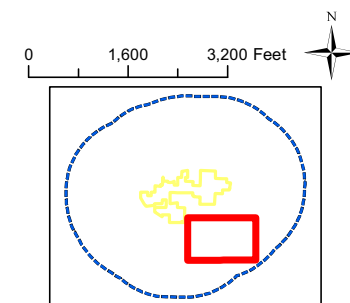
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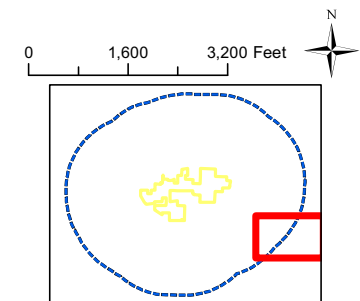
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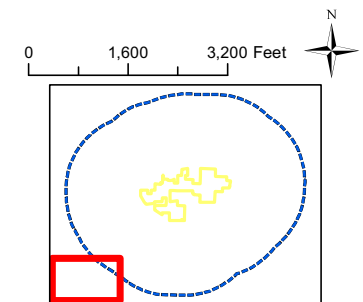
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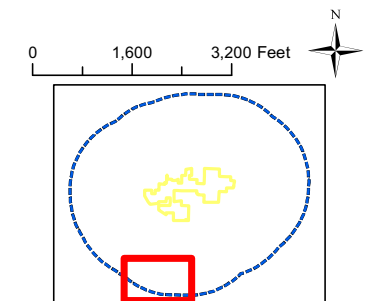
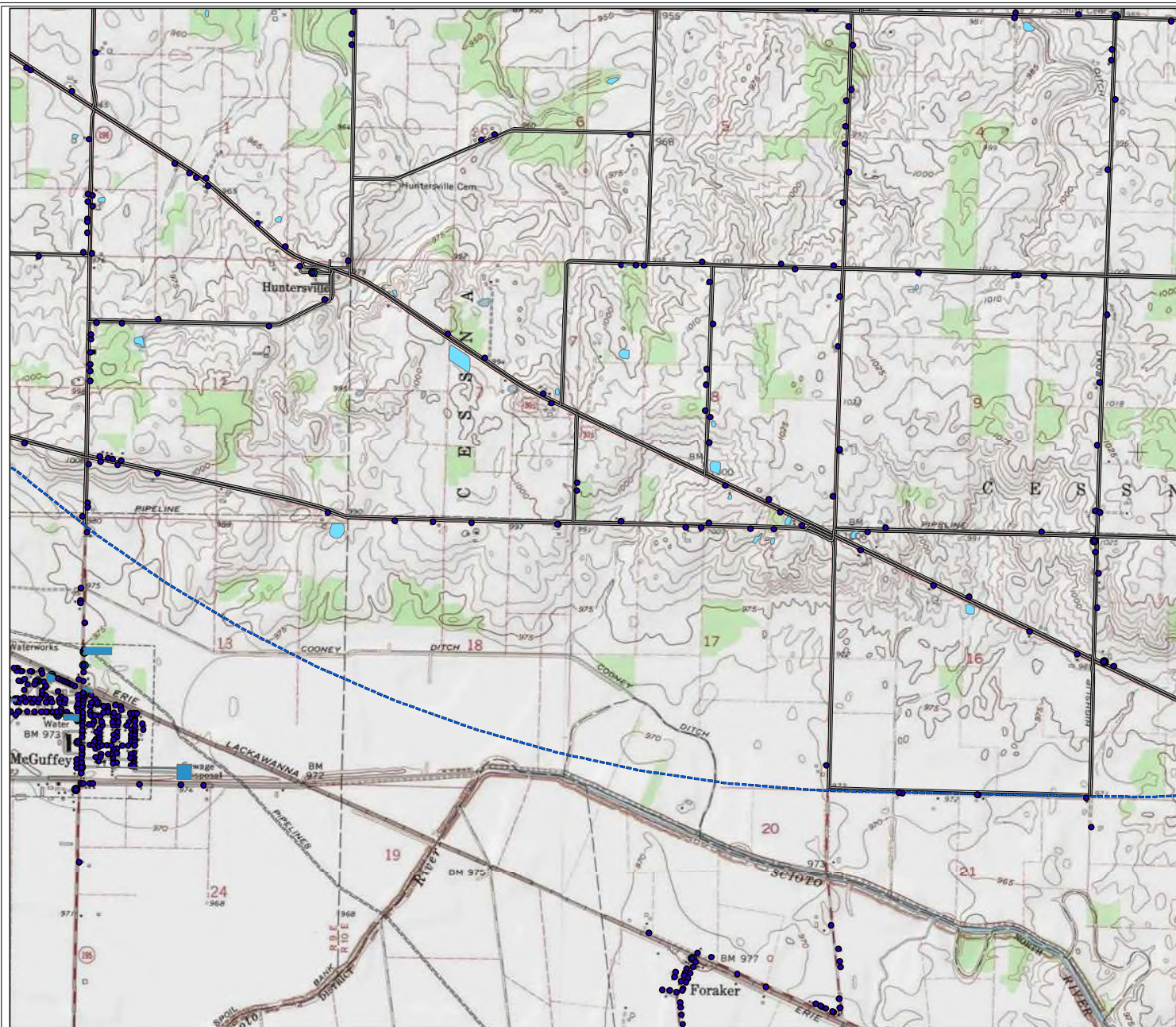
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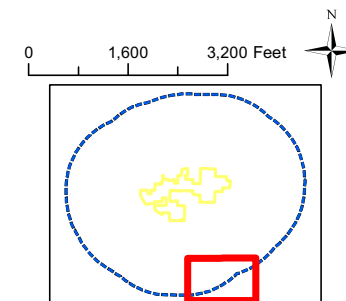
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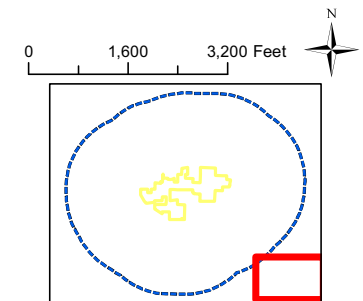
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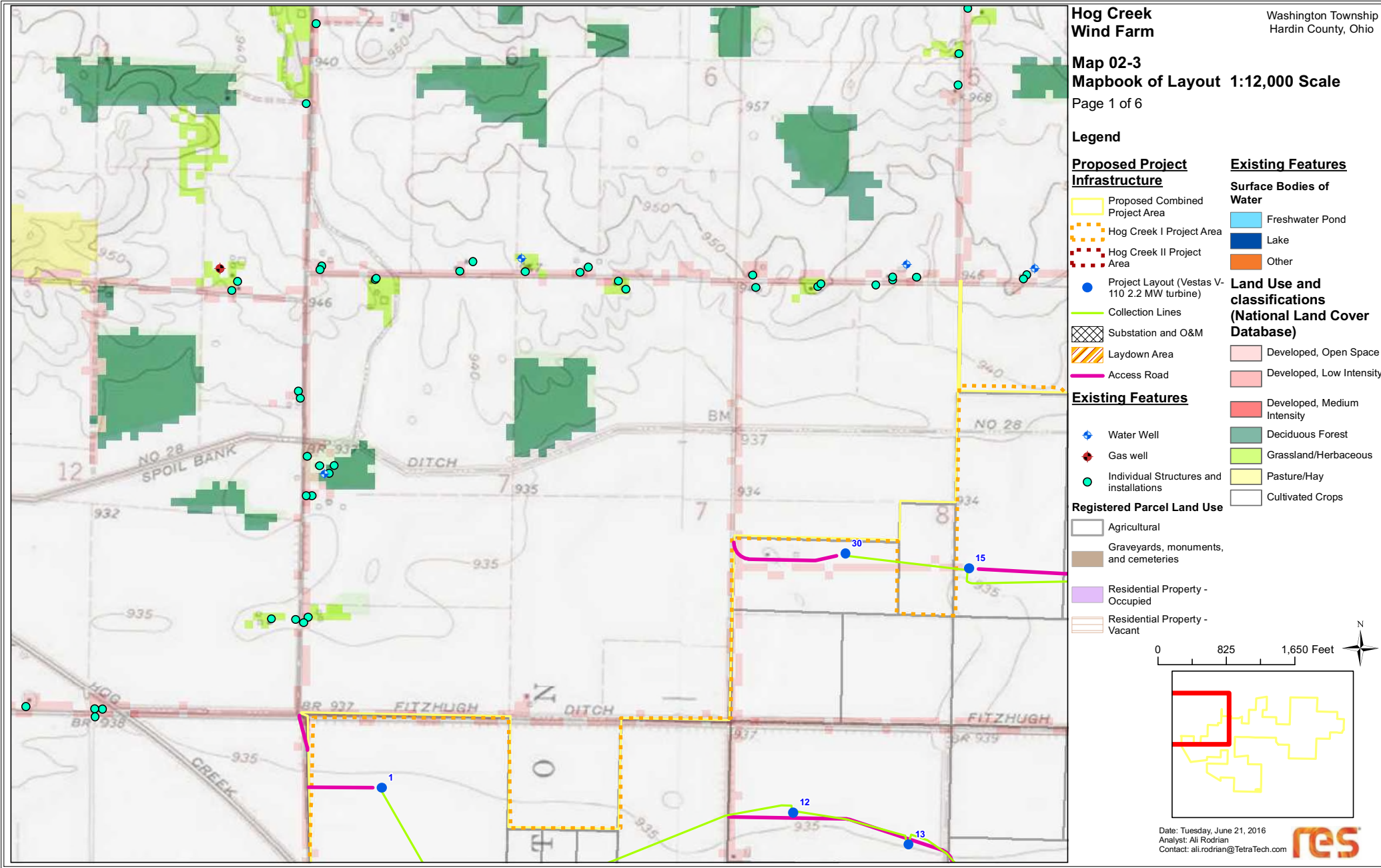
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Surface Bodies of Water

- Freshwater Pond
- Lake
- Other

Land Use and classifications (National Land Cover Database)

- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Deciduous Forest
- Grassland/Herbaceous
- Pasture/Hay
- Cultivated Crops

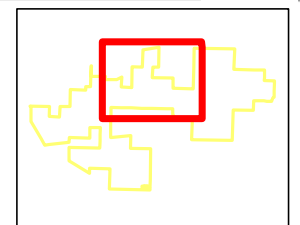
Existing Features

- Water Well
- Gas well
- Individual Structures and installations

Registered Parcel Land Use

- Agricultural
- Graveyards, monuments, and cemeteries
- Residential Property - Occupied
- Residential Property - Vacant

0 825 1,650 Feet



Date: Tuesday, June 21, 2016
Analyst: Ali Rodrian
Contact: ali.rodrian@TetraTech.com



Hog Creek Wind Farm

Washington Township
Hardin County, Ohio

Map 02-3 Mapbook of Layout 1:12,000 Scale

Page 3 of 6

Legend

Proposed Project Infrastructure

-  Proposed Combined Project Area
-  Hog Creek I Project Area
-  Hog Creek II Project Area
-  Project Layout (Vestas V-110 2.2 MW turbine)
-  Collection Lines
-  Substation and O&M
-  Laydown Area
-  Access Road

Existing Features

-  Water Well
-  Gas well
-  Individual Structures and installations

Registered Parcel Land Use

-  Agricultural
-  Graveyards, monuments, and cemeteries
-  Residential Property - Occupied
-  Residential Property - Vacant

Existing Features

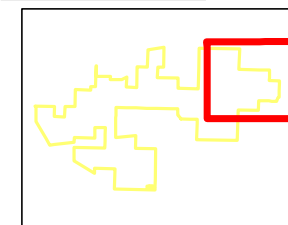
Surface Bodies of Water

-  Freshwater Pond
-  Lake
-  Other

Land Use and classifications (National Land Cover Database)

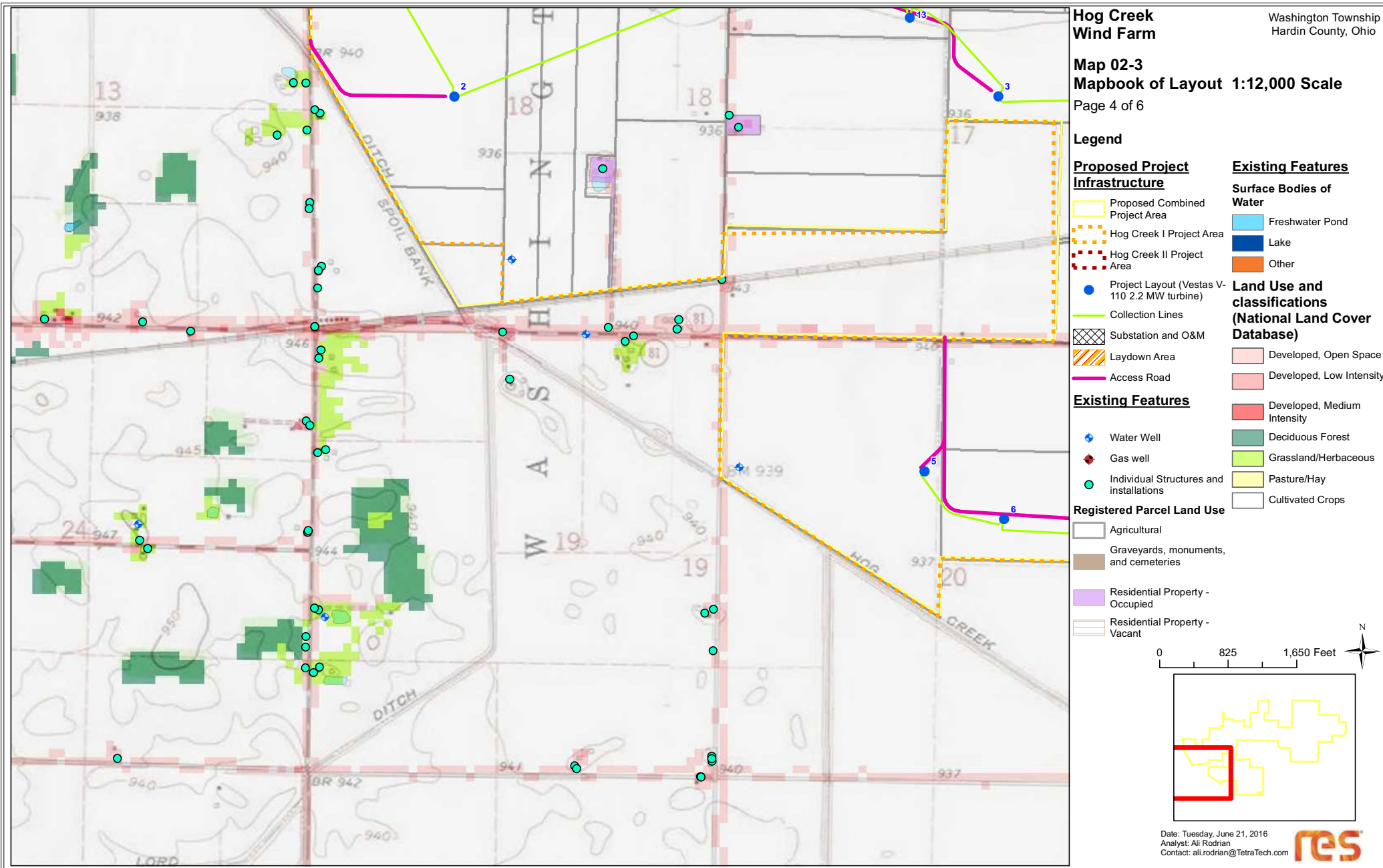
-  Developed, Open Space
-  Developed, Low Intensity
-  Developed, Medium Intensity
-  Deciduous Forest
-  Grassland/Herbaceous
-  Pasture/Hay
-  Cultivated Crops

0 825 1,650 Feet



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Hog Creek Wind Farm

Washington Township
Hardin County, Ohio

Map 02-3 Mapbook of Layout 1:12,000 Scale

Page 5 of 6

Legend

Proposed Project Infrastructure

- Proposed Combined Project Area
- Hog Creek I Project Area
- Hog Creek II Project Area
- Project Layout (Vestas V-110 2.2 MW turbine)
- Collection Lines
- Substation and O&M
- Laydown Area
- Access Road

Existing Features

Surface Bodies of Water

- Freshwater Pond
- Lake
- Other

Land Use and classifications (National Land Cover Database)

- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Deciduous Forest
- Grassland/Herbaceous
- Pasture/Hay
- Cultivated Crops

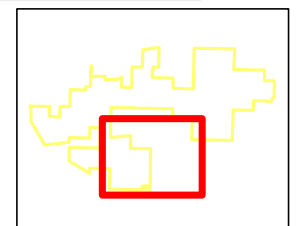
Existing Features

- Water Well
- Gas well
- Individual Structures and installations

Registered Parcel Land Use

- Agricultural
- Graveyards, monuments, and cemeteries
- Residential Property - Occupied
- Residential Property - Vacant

0 825 1,650 Feet



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Hog Creek Wind Farm

Washington Township
Hardin County, Ohio

Map 02-3 Mapbook of Layout 1:12,000 Scale

Page 6 of 6

Legend

Proposed Project Infrastructure

- Proposed Combined Project Area
- Hog Creek I Project Area
- Hog Creek II Project Area
- Project Layout (Vestas V-110 2.2 MW turbine)
- Collection Lines
- Substation and O&M
- Laydown Area
- Access Road

Existing Features

- Water Well
- Gas well
- Individual Structures and installations

Registered Parcel Land Use

- Agricultural
- Graveyards, monuments, and cemeteries
- Residential Property - Occupied
- Residential Property - Vacant

Existing Features

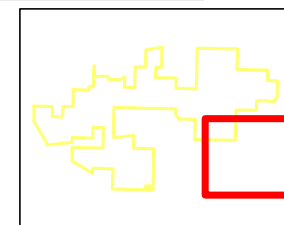
Surface Bodies of Water

- Freshwater Pond
- Lake
- Other

Land Use and classifications (National Land Cover Database)

- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Deciduous Forest
- Grassland/Herbaceous
- Pasture/Hay
- Cultivated Crops

0 825 1,650 Feet



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**CASE NO. 16-1422-EL-BGA
and
CASE NO. 16-1423-EL-BGA**

**JOINT FIGURE
MAP 04-1
CONSTRAINTS JOINT FIGURE
MAP**

Hog Creek Wind Farm

Washington Township
Hardin County, Ohio

Map 04-1 Constraints Map

Legend

-  Proposed Combined Project Area
-  Hog Creek I Project Area
-  Hog Creek II Project Area
-  Project Layout (Vestas V-110 2.2 MW turbine)
-  National Hydrological Database (NHD)
-  Setback Waiver Property
-  National Wetland Inventory (NWI)
-  Floodplain Areas (FEMA) (not within map extent)
-  Substation and O&M
-  Laydown Area
-  Collection Lines
-  Access Road
-  Archaeological Site Buffer
-  Roads
-  Residences
-  Constraints for turbines (setbacks from existing roads, properties, railroads, wetland and archeology features)

0 2,200 4,400 Feet



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**CASE NO. 16-1422-EL-BGA
and
CASE NO. 16-1423-EL-BGA**

**JOINT FIGURE
MAP 05-1
FLOODPLAIN JOINT FIGURE
MAP**

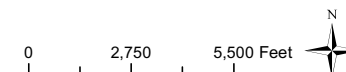
Hog Creek Wind Farm

Washington Township
Hardin County, Ohio

Map 05-1 Floodplain Map

Legend

-  Proposed Combined Project Area
-  Hog Creek I Project Area
-  Hog Creek II Project Area
-  Floodplain Areas (FEMA)
-  Project Layout (Vestas V-110 2.2 MW turbine)
-  Collection Lines
-  Access Road
-  Substation and O&M
-  Laydown Area



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Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Base map: Coordinate System: NAD 1983 StatePlane Ohio North FIPS 3401 Feet
Projection: Lambert Conformal Conic Datum: North American 1983

Reference Scale: 1:40,000

**CASE NO. 16-1422-EL-BGA
and
CASE NO. 16-1423-EL-BGA**

**JOINT FIGURE
MAP 05-2
AQUIFERS WITHIN THE PROJECT AREA**

Hog Creek Wind Farm

Washington Township
Hardin County, Ohio

Map 05-2 Aquifer Map

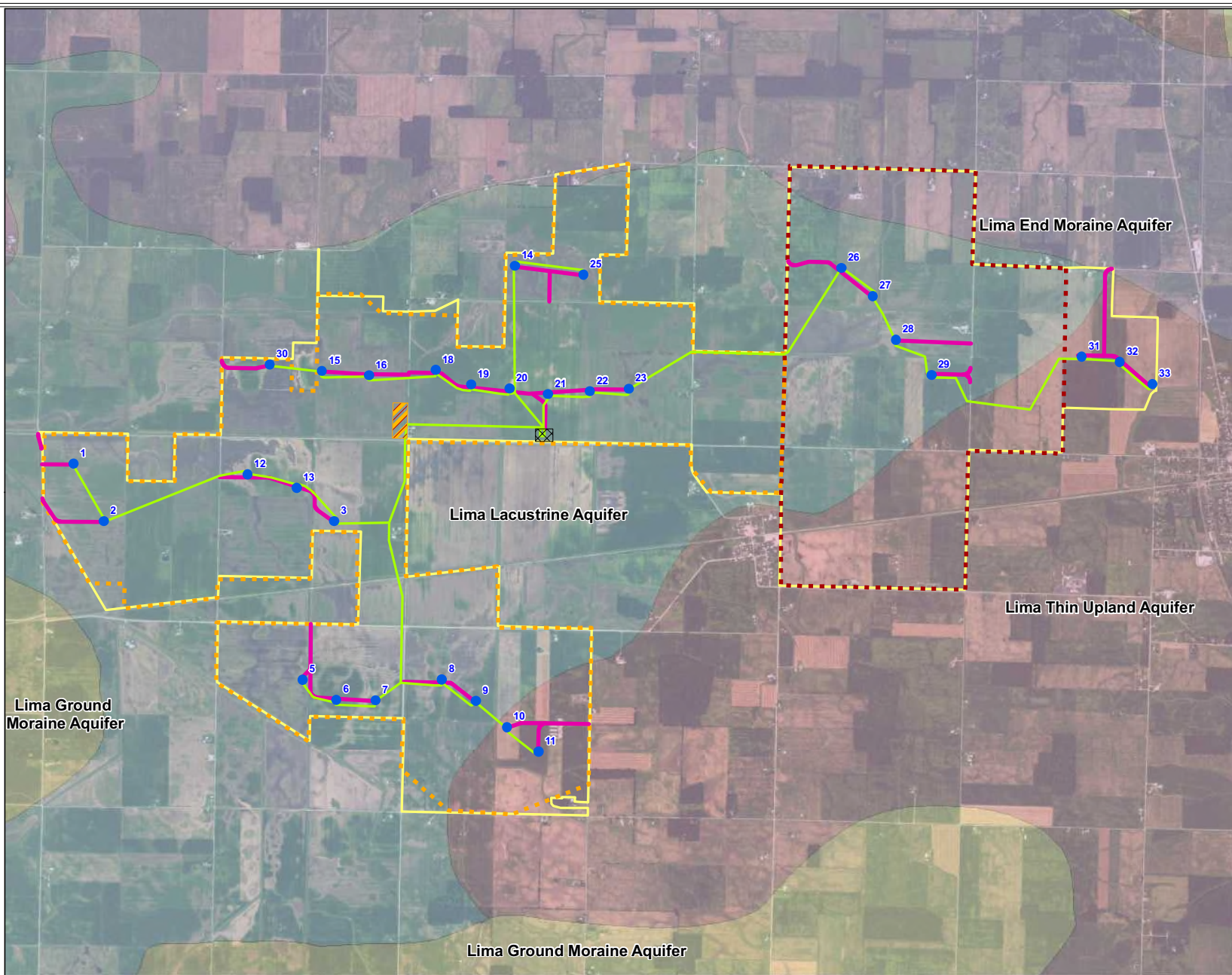
Legend

-  Proposed Combined Project Area
-  Hog Creek I Project Area
-  Hog Creek II Project Area
-  Project Layout (Vestas V-110 2.2 MW turbine)
-  Floodplain Areas (FEMA)
-  Substation and O&M
-  Laydown Area
-  Collection Lines
-  Access Road
-  Lima Alluvial
-  Lima Complex Aquifer
-  Lima End Moraine Aquifer
-  Lima Ground Moraine Aquifer
-  Lima Lacustrine Aquifer
-  Lima Thin Upland

0 2,200 4,400 Feet



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Base map: Coordinate System: NAD 1983 StatePlane Ohio North FIPS 3401 Feet
Projection: Lambert Conformal ConicDatum: North American 1983

Reference Scale: 1:32,000

**CASE NO. 16-1422-EL-BGA
and
CASE NO. 16-1423-EL-BGA**

**JOINT FIGURE
MAP 08-1
AGRICULTURAL DISTRICTS**

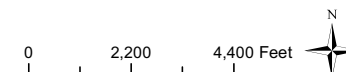
Hog Creek Wind Farm

Washington Township
Hardin County, Ohio

Map 08-1 Agricultural Districts

Legend

-  Proposed Combined Project Area
-  Hog Creek I Project Area
-  Hog Creek II Project Area
-  Agricultural District property within Project Area (15 parcels; 785.46 acres)
-  Collection Lines
-  Access Road
-  Substation and O&M
-  Turbine within Agricultural District Property (1)
-  Project Layout (Vestas V-110 2.2 MW turbine)
-  Laydown Area



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in

Case No(s). 16-1422-EL-BGA

Summary: Application of Hog Creek Wind Farm LLC for Third Amendment to Certificate - Joint
Figures electronically filed by Teresa Orahod on behalf of Sally W. Bloomfield