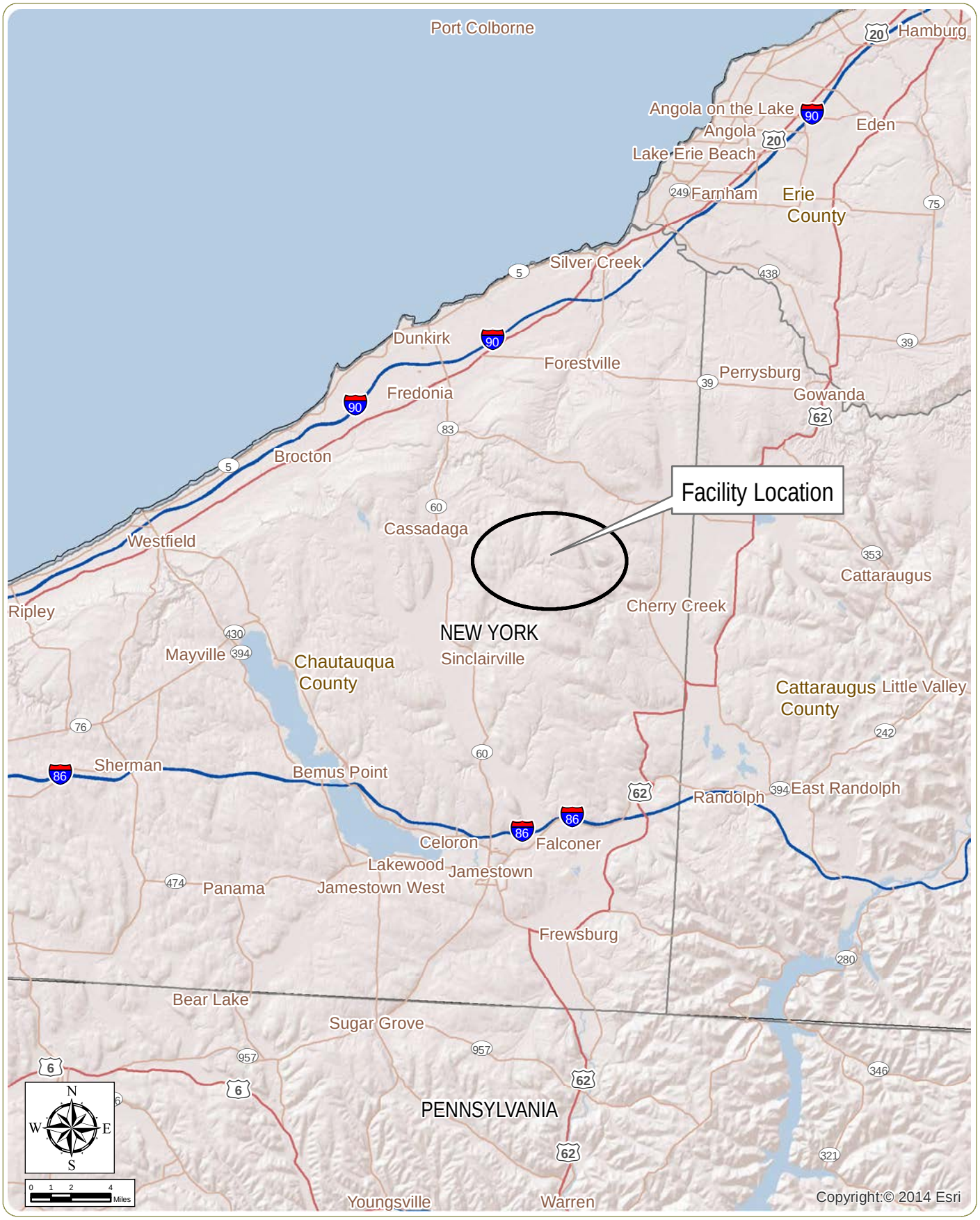


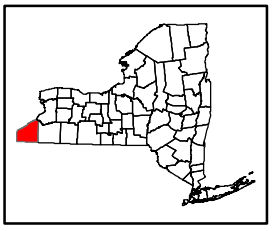
Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 1: Regional Facility Location

March 2016

Notes: 1. Basemap: ESRI ArcGIS Online "World Shaded Relief" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



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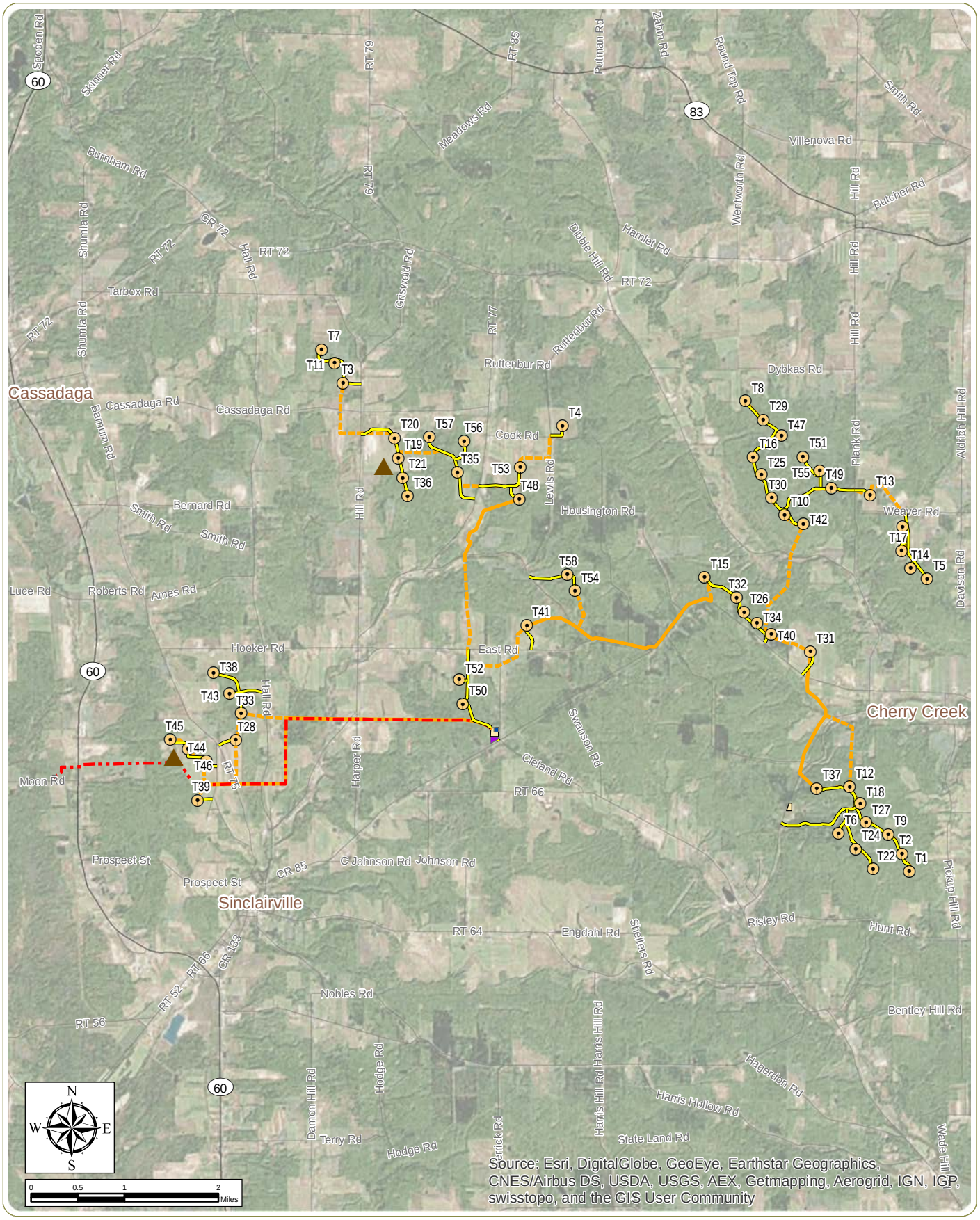

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 2: Facility Layout

March 2016

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service
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- Wind Turbine
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- Overhead Collection Line
- MET tower
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- POI Substation

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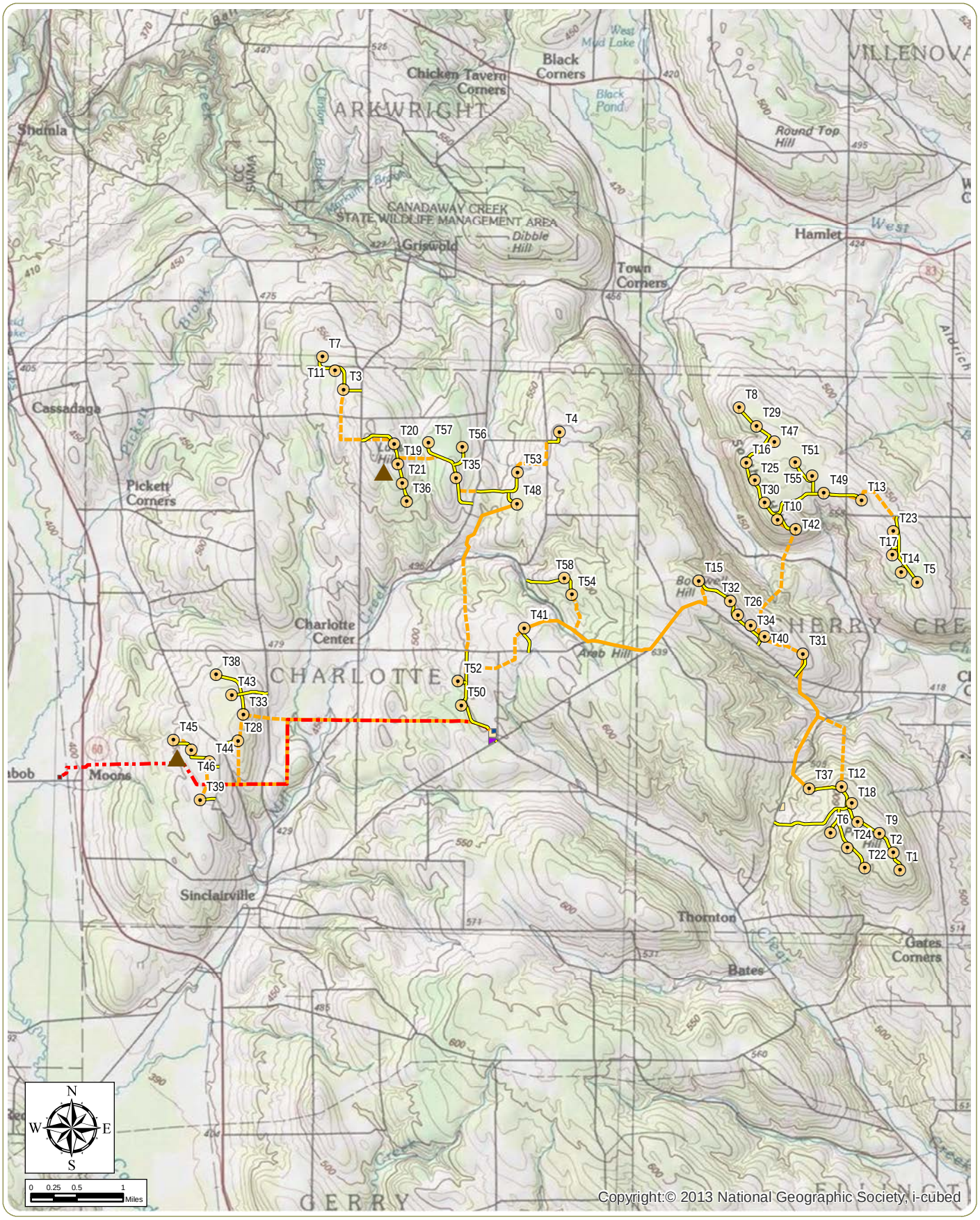

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 3: Topographic Mapping

March 2016

Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service
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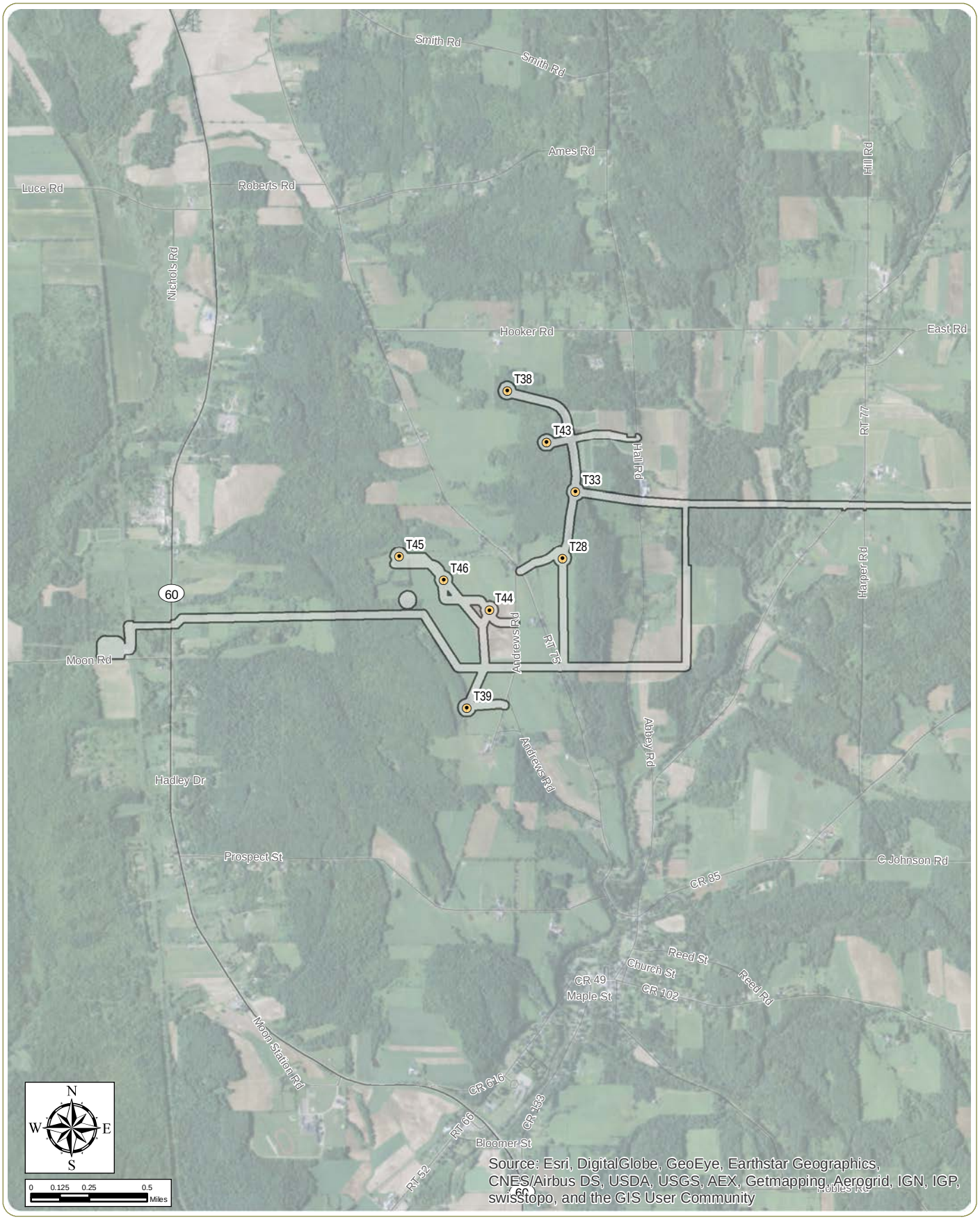

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 4: Study Area

March 2016 Sheet 1 of 4

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service
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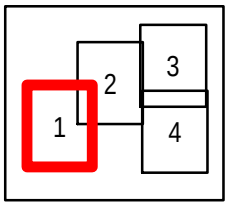
Wind Turbine

Study Area



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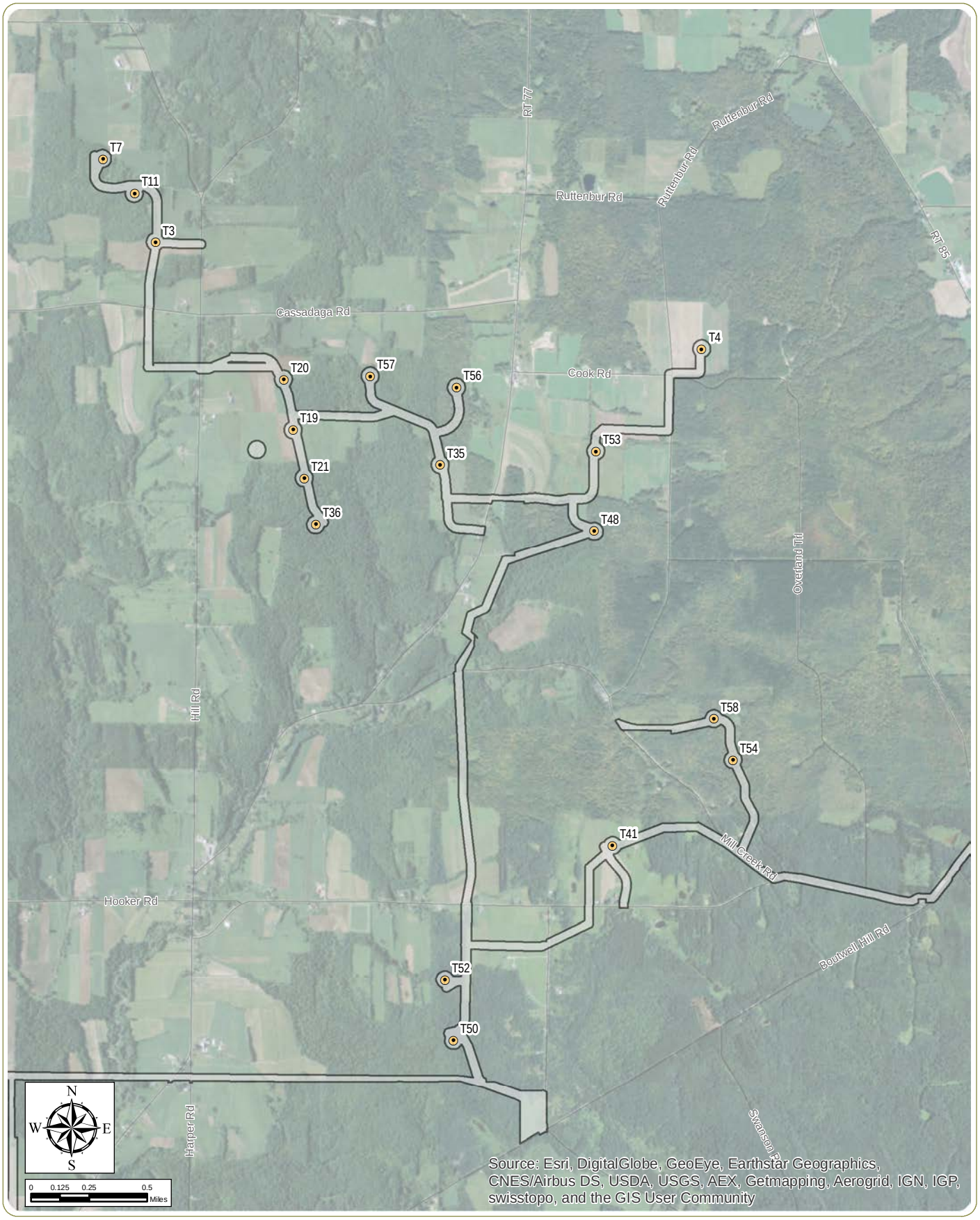

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 4: Study Area

March 2016 Sheet 2 of 4

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service
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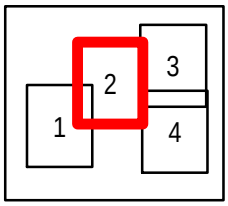
Wind Turbine

Study Area



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Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 4: Study Area

March 2016 Sheet 3 of 4

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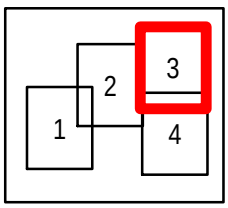
Wind Turbine

Study Area



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Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 4: Study Area

March 2016 Sheet 4 of 4

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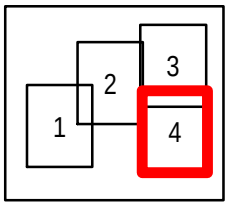
Wind Turbine

Study Area



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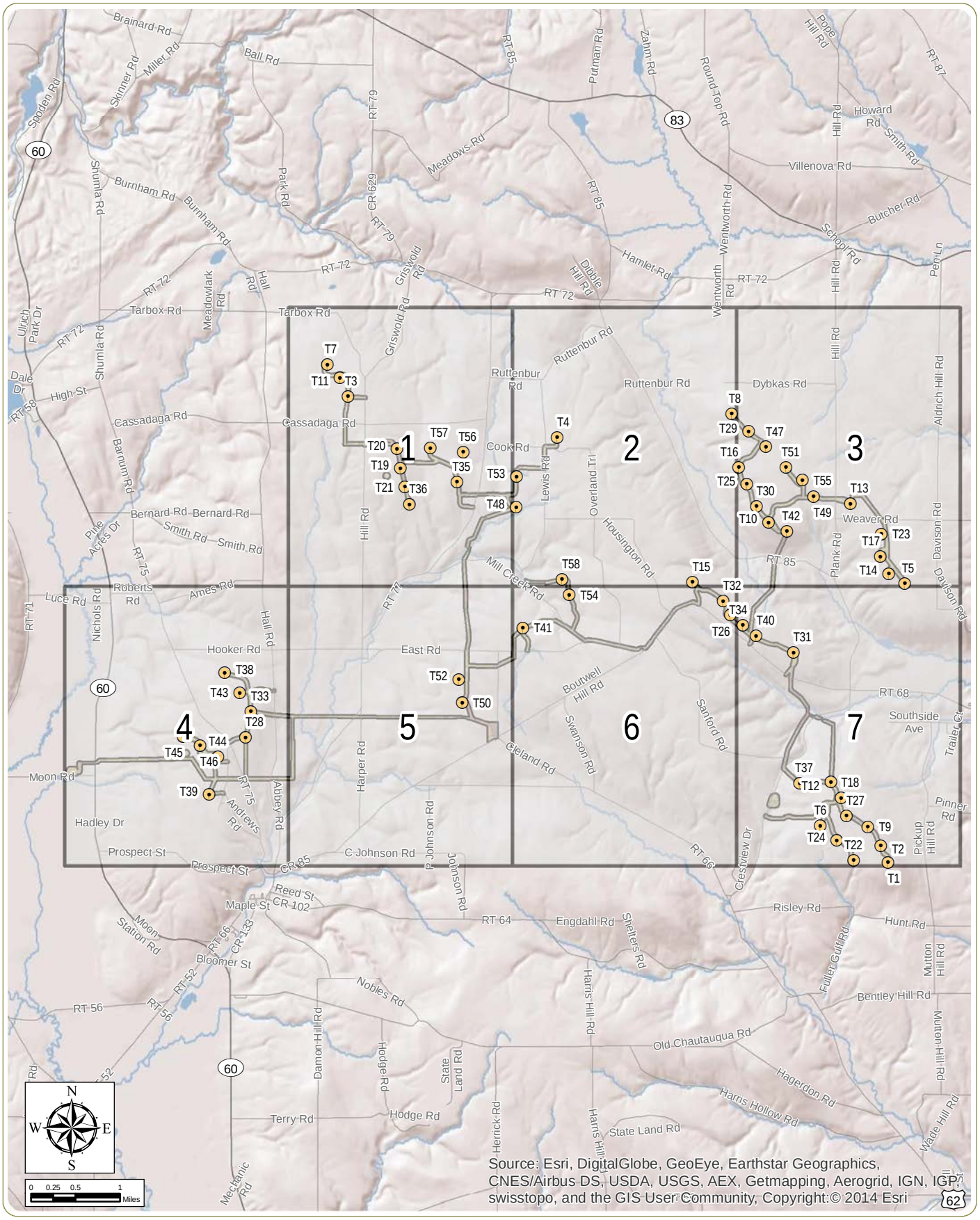

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 5: Study Area Soils Index

March 2016

Notes: 1. Basemap: ESRI ArcGIS Online "World Shaded Relief" Map Service
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Wind Turbine
Study Area
Index Sheets

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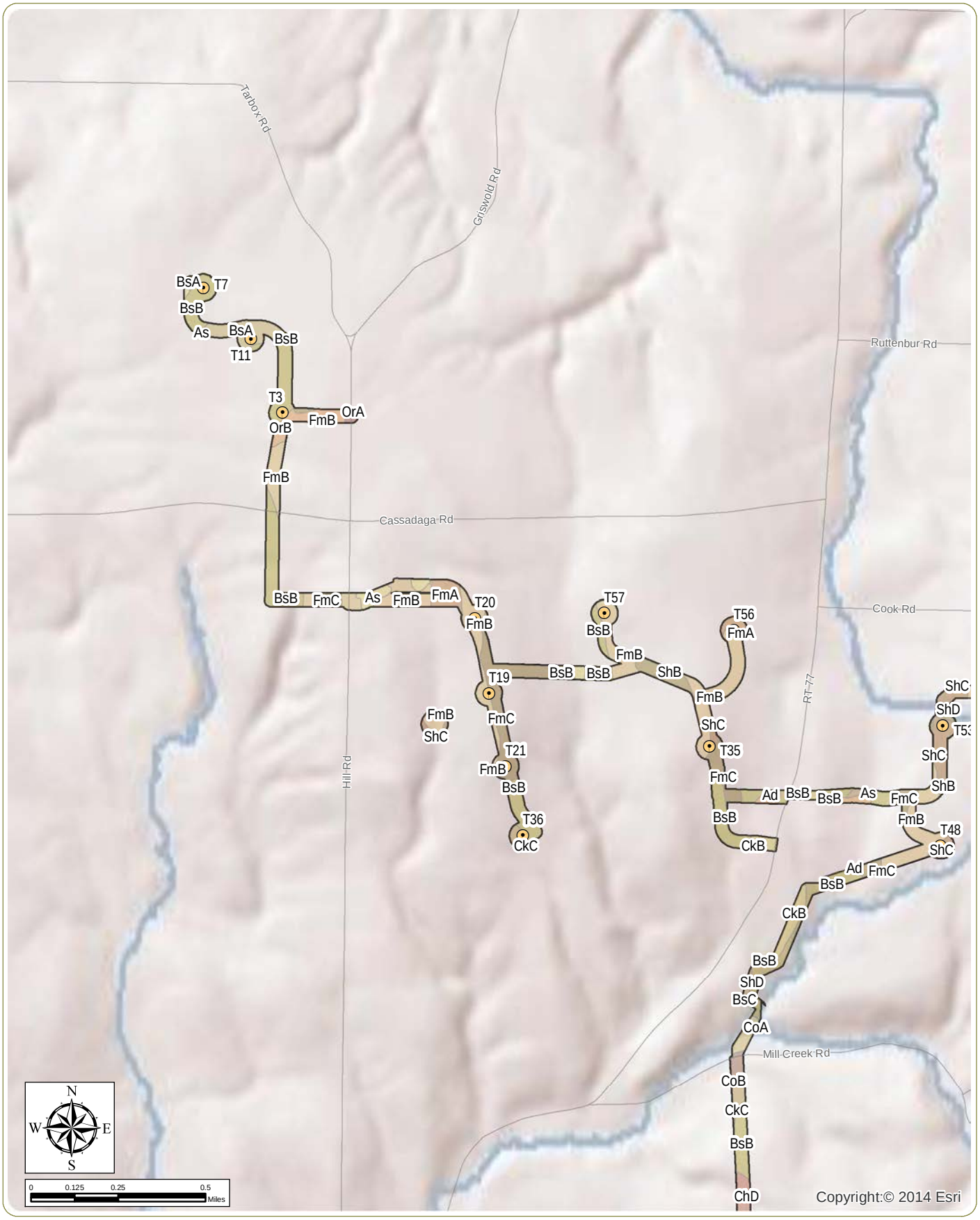

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 5: Study Area Soils Sheets

March 2016 Sheet 1 of 7

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Wind Turbine

Study Area

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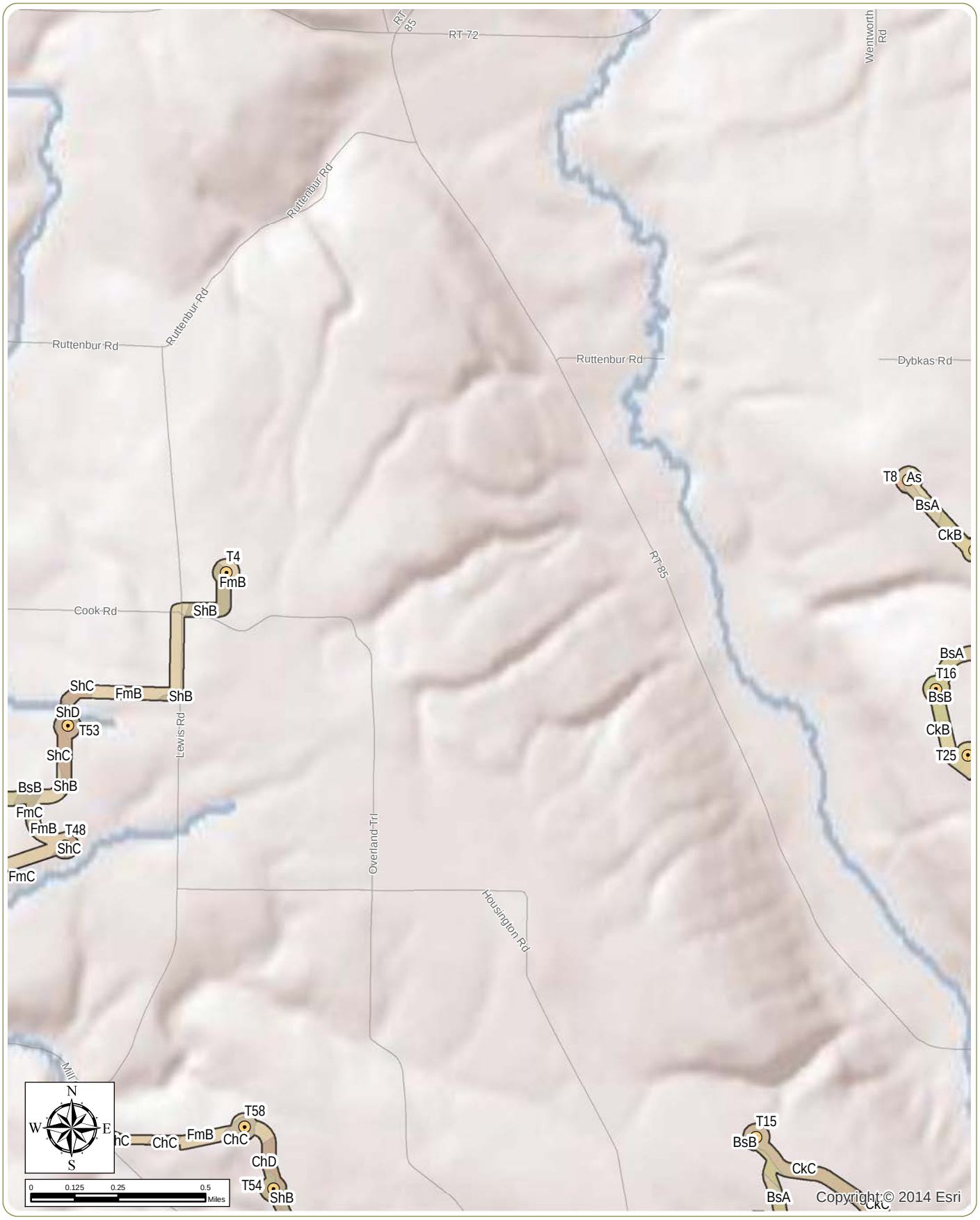

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 5: Study Area Soils Sheets

March 2016 Sheet 2 of 7

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Wind Turbine

Study Area

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Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 5: Study Area Soils Sheets

March 2016 Sheet 3 of 7

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Wind Turbine

Study Area

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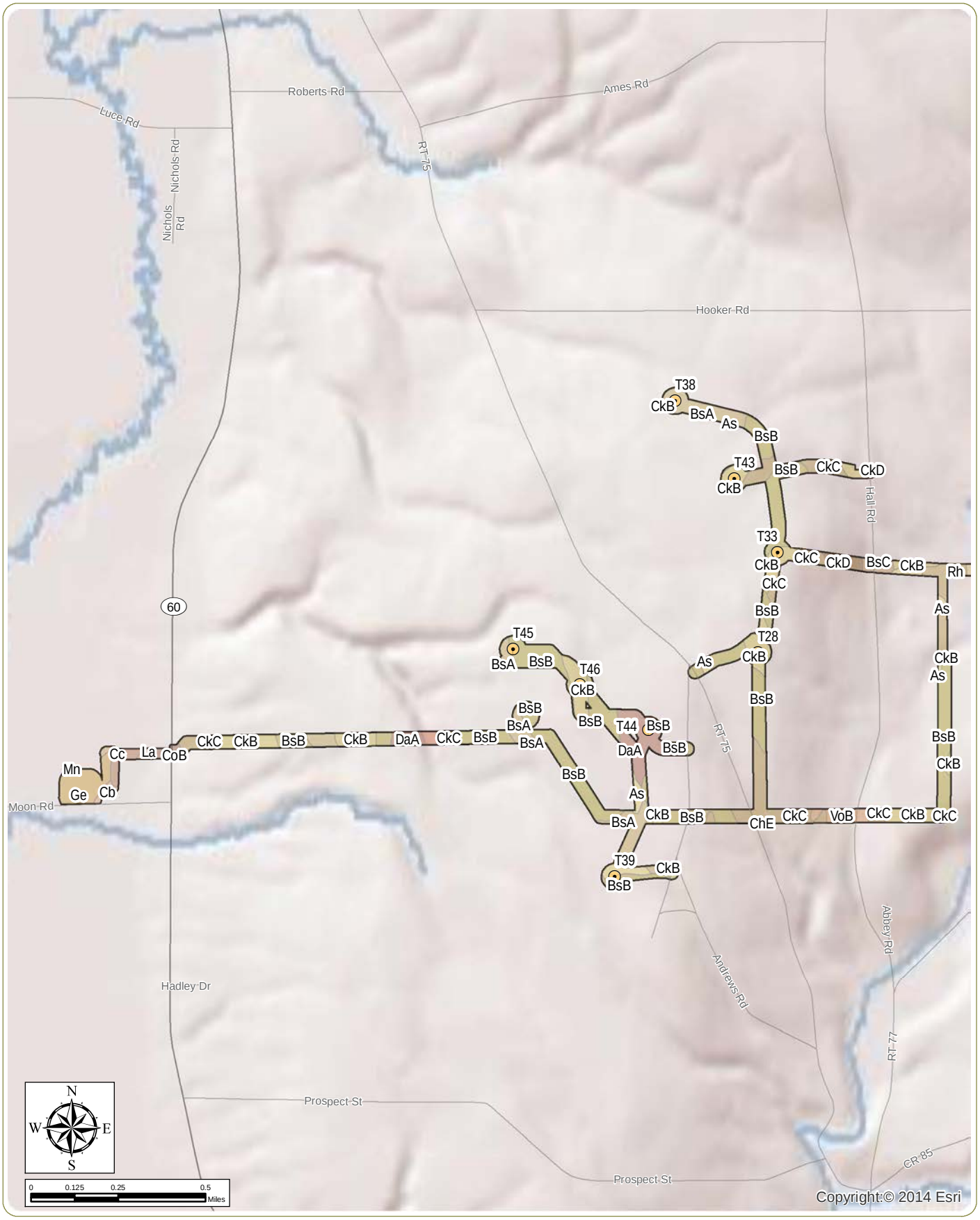

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 5: Study Area Soils Sheets

March 2016 Sheet 4 of 7

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Wind Turbine

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Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 5: Study Area Soils Sheets

March 2016 Sheet 5 of 7

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Wind Turbine

Study Area

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Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 5: Study Area Soils Sheets

March 2016 Sheet 6 of 7

Notes: 1. Basemap: ESRI ArcGIS Online "World Shaded Relief" Map Service
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Wind Turbine

Study Area

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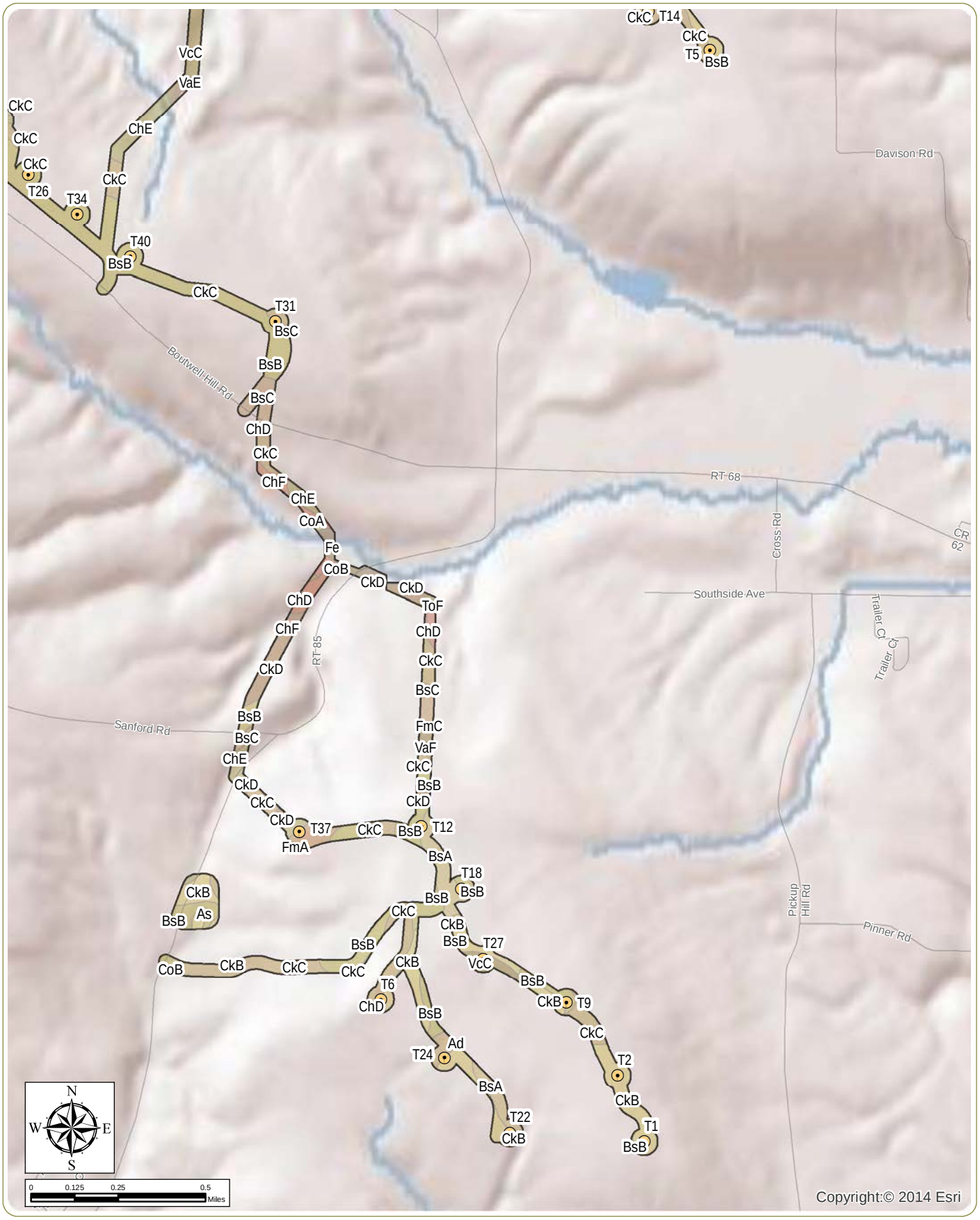

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 5: Study Area Soils Sheets

March 2016 Sheet 7 of 7

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Wind Turbine

Study Area

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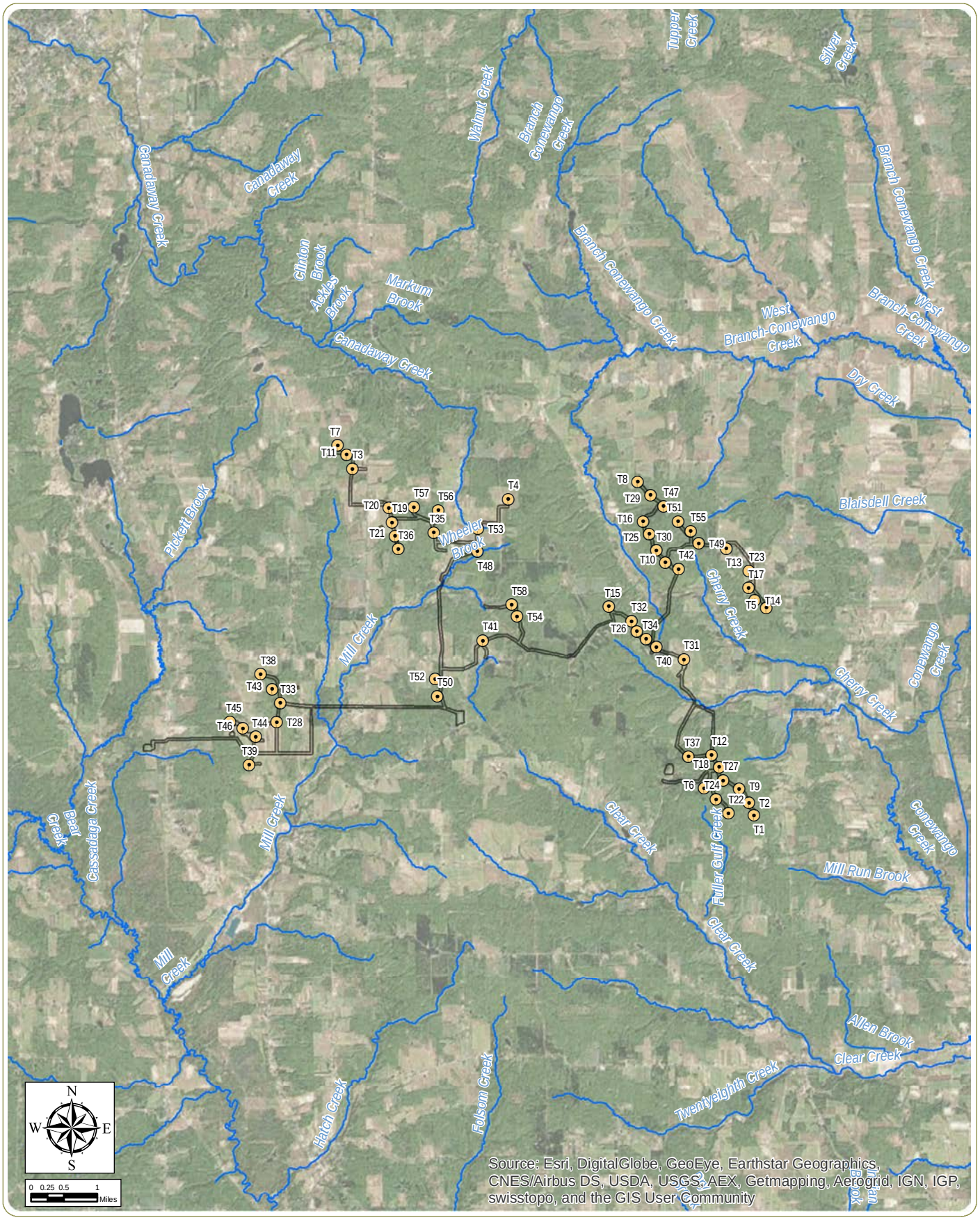

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 6: Mapped Streams in the Vicinity of the Study Area

March 2016

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service
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Wind Turbine

Study Area

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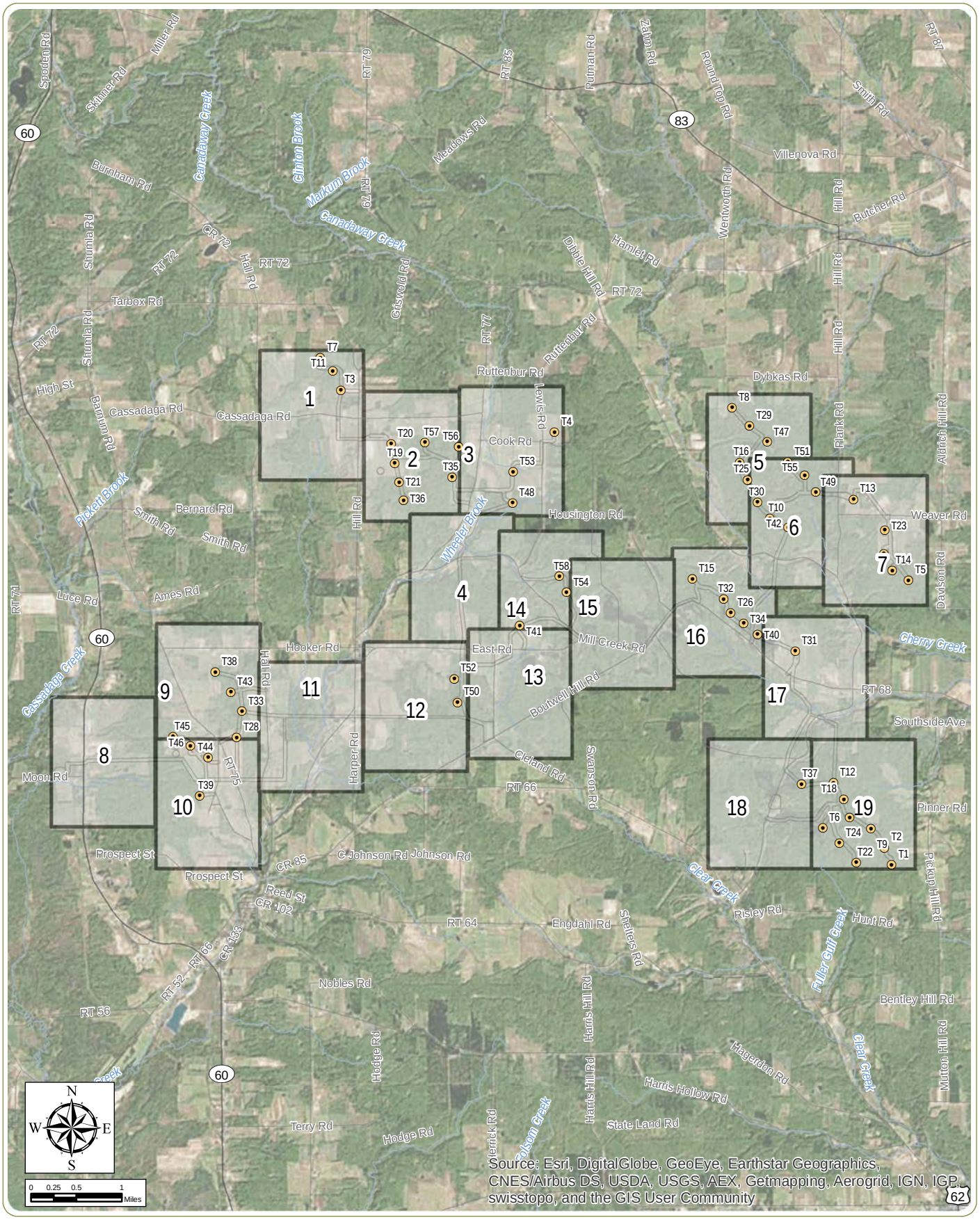

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams Index

March 2016

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Wind Turbine
Study Area
Index Sheets

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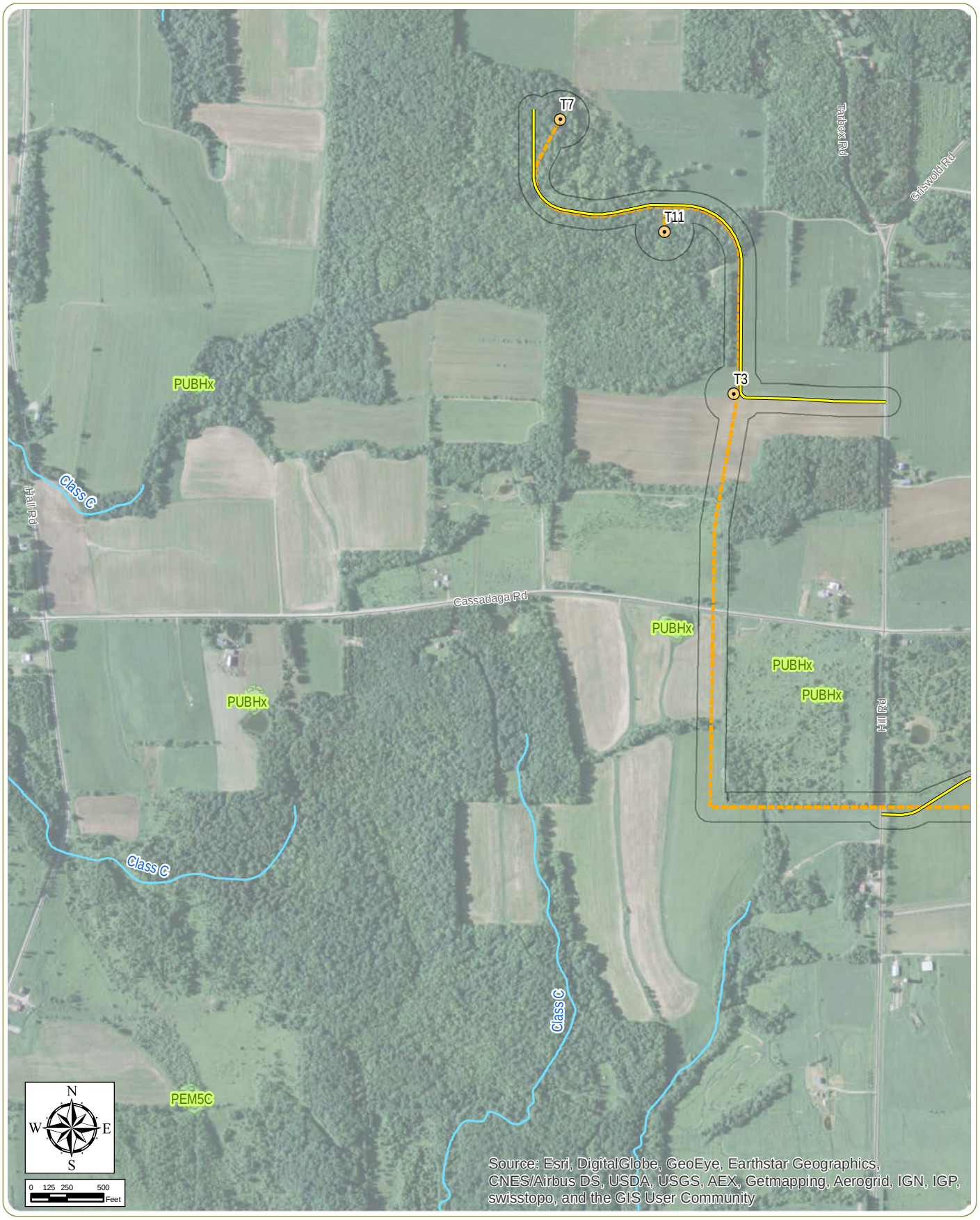

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 1 of 19

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service
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- Wind Turbine
- Access Road
- Generator Lead Line
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- Laydown Area
- O&M Building
- NYS Protected Stream
- Unprotected Stream
- NWI Wetland
- NYSDEC Wetland
- Study Area

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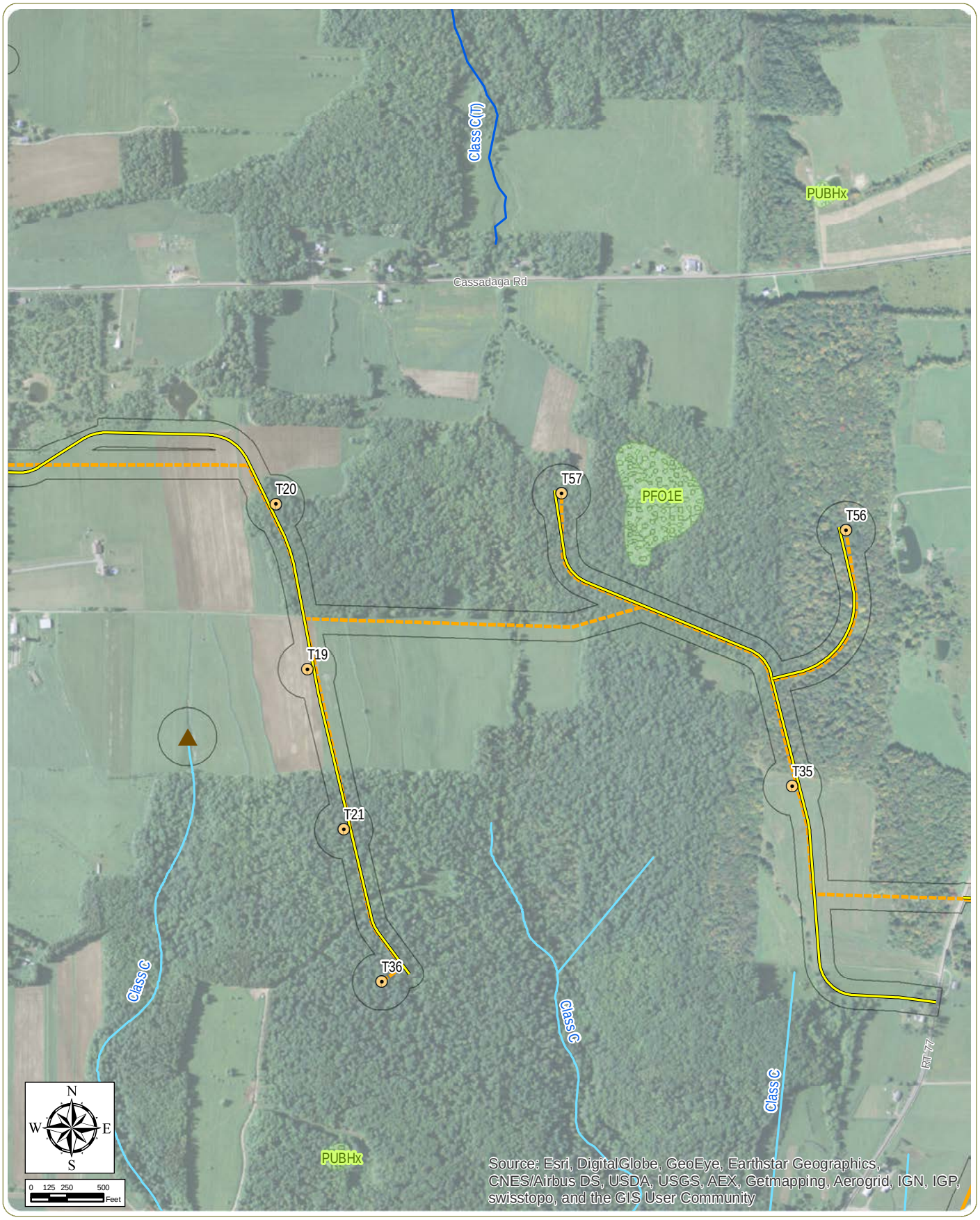

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 2 of 19

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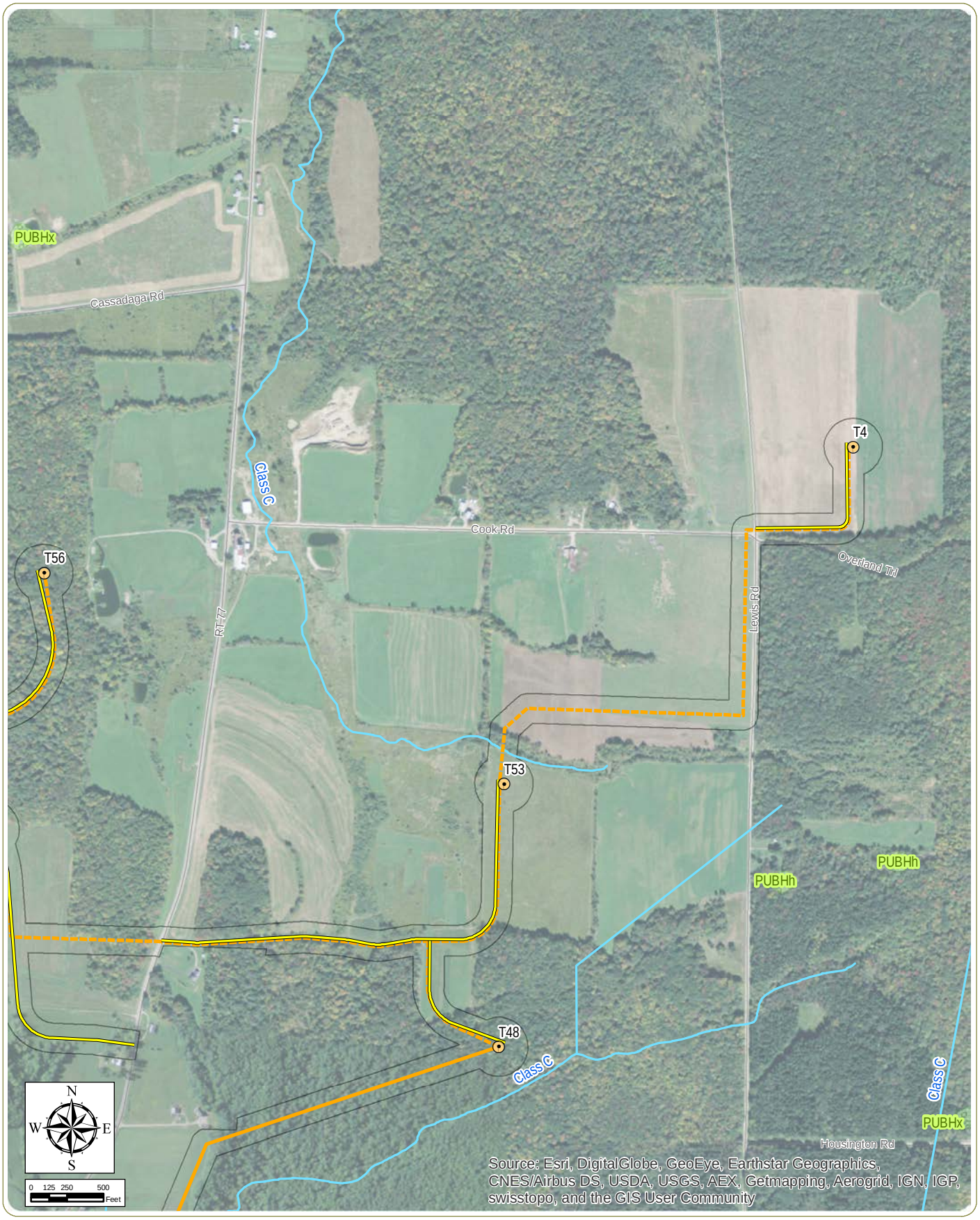

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 3 of 19

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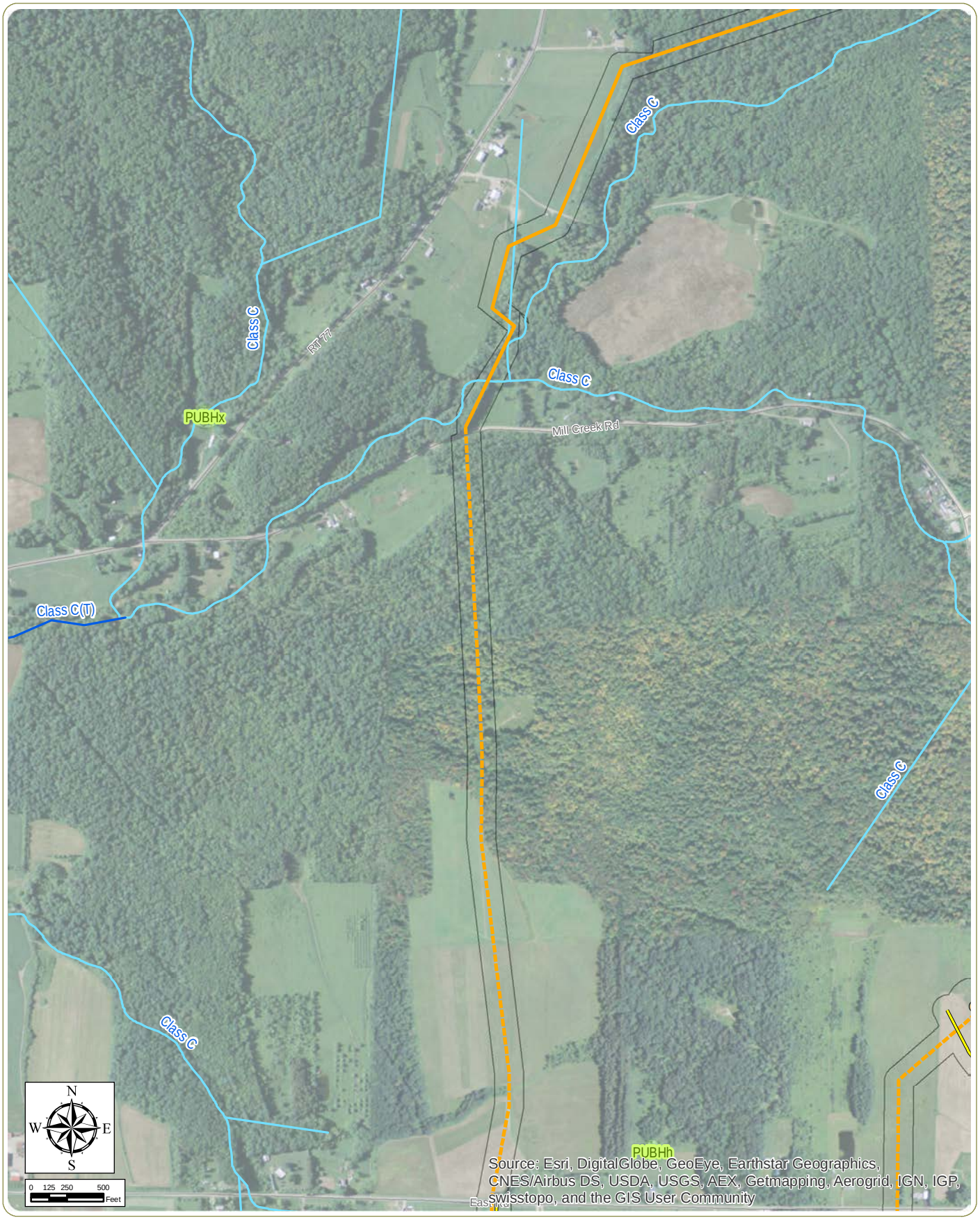

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 4 of 19

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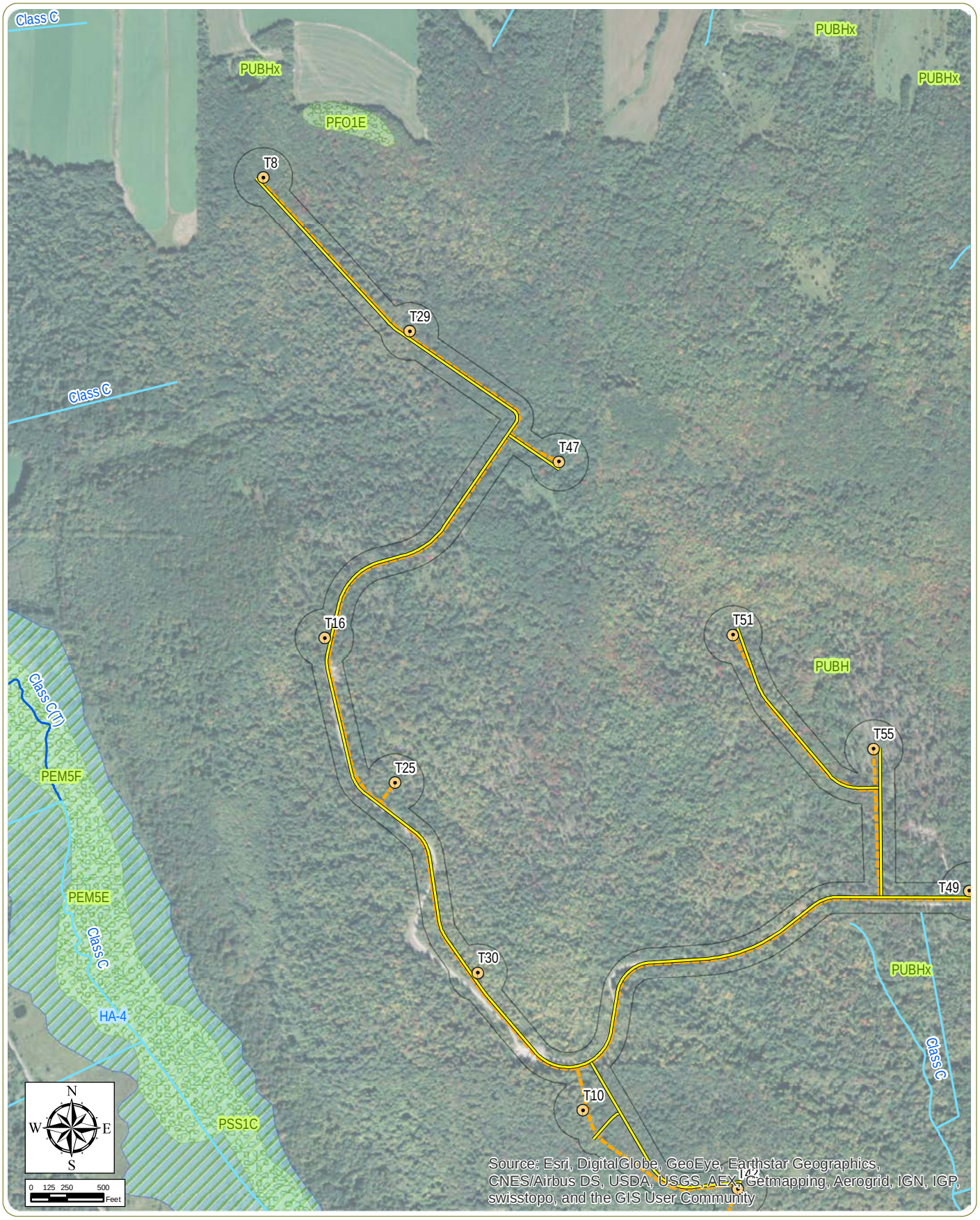

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 5 of 19

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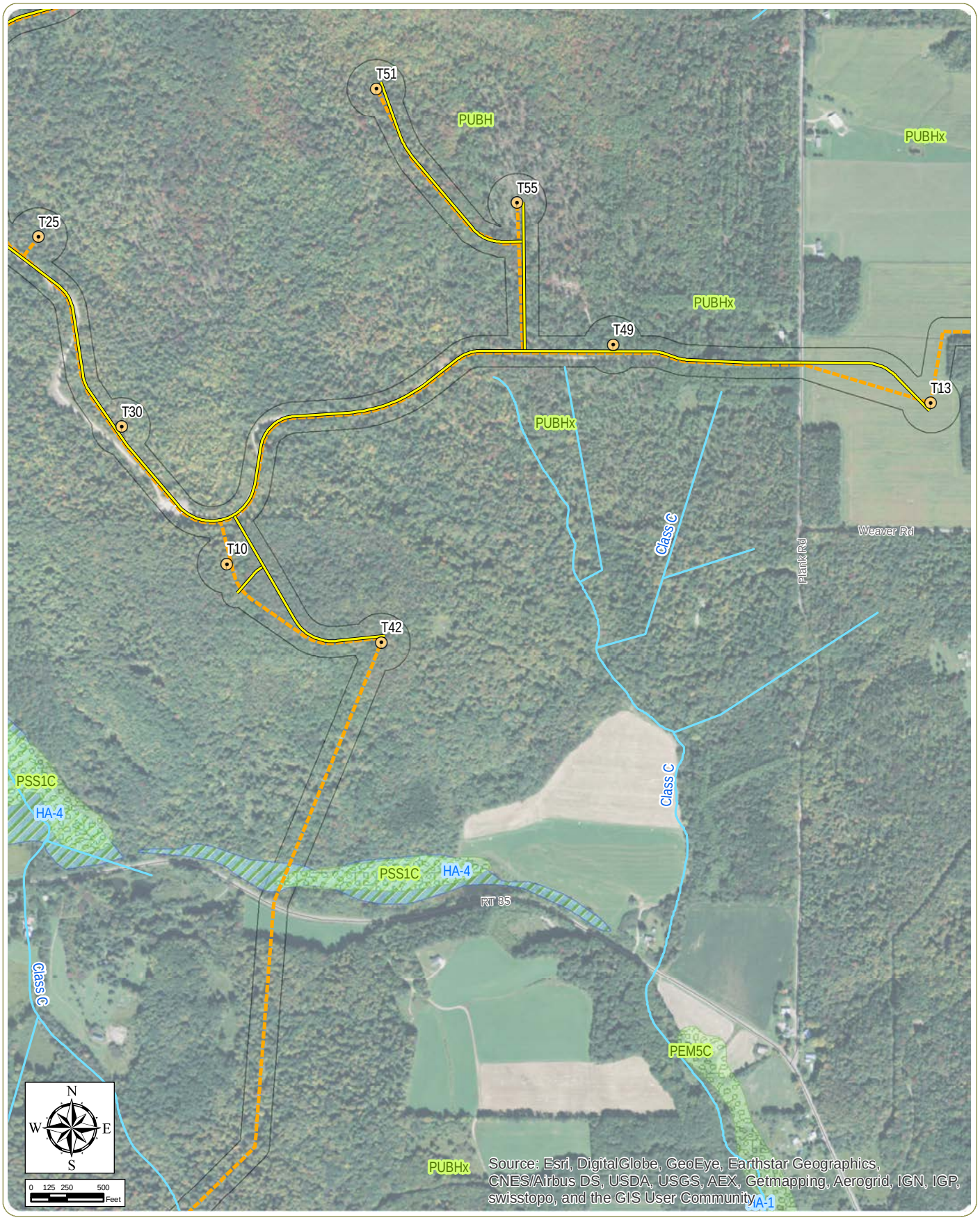

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 6 of 19

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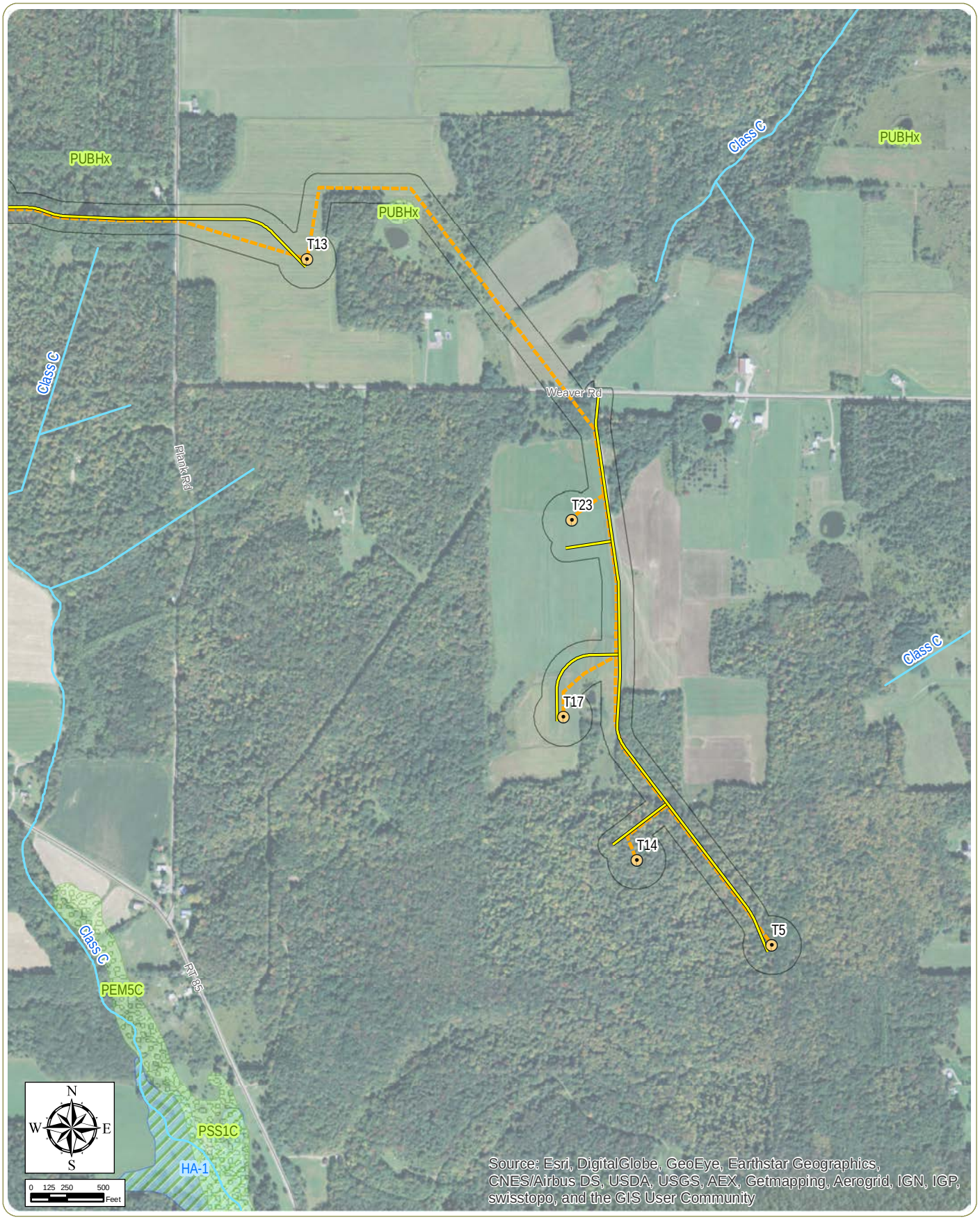

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 7 of 19

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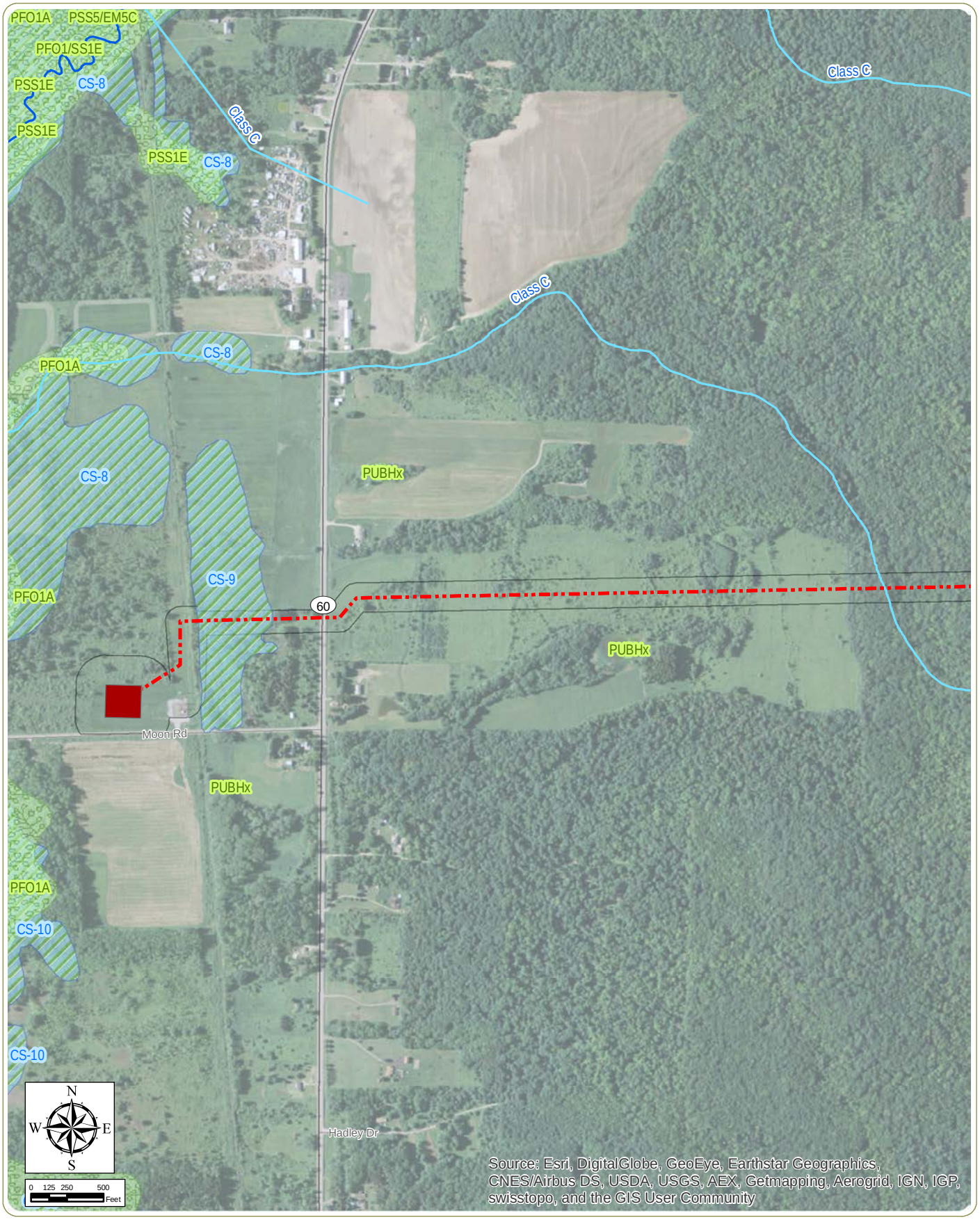

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 8 of 19

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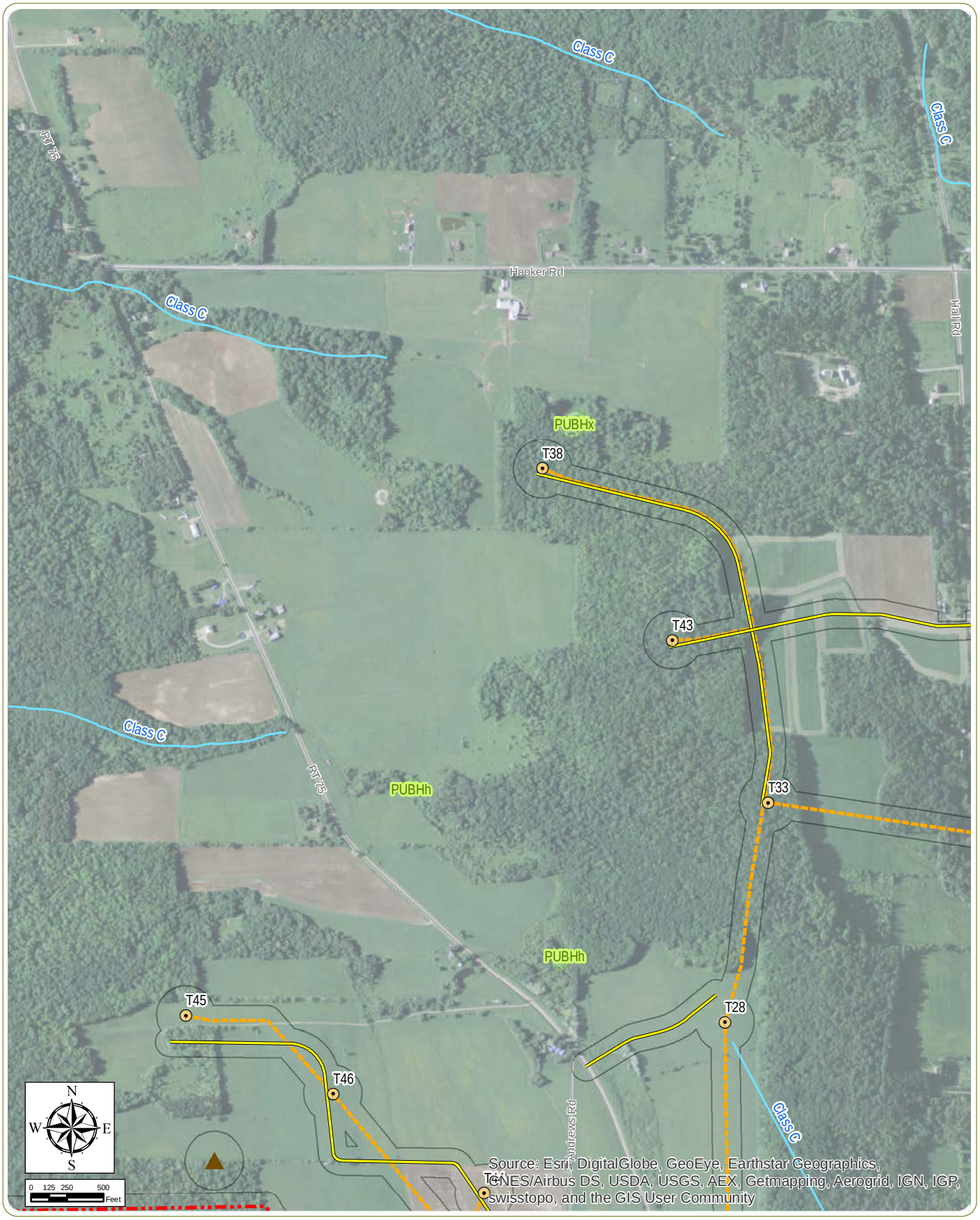

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 9 of 19

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- Wind Turbine
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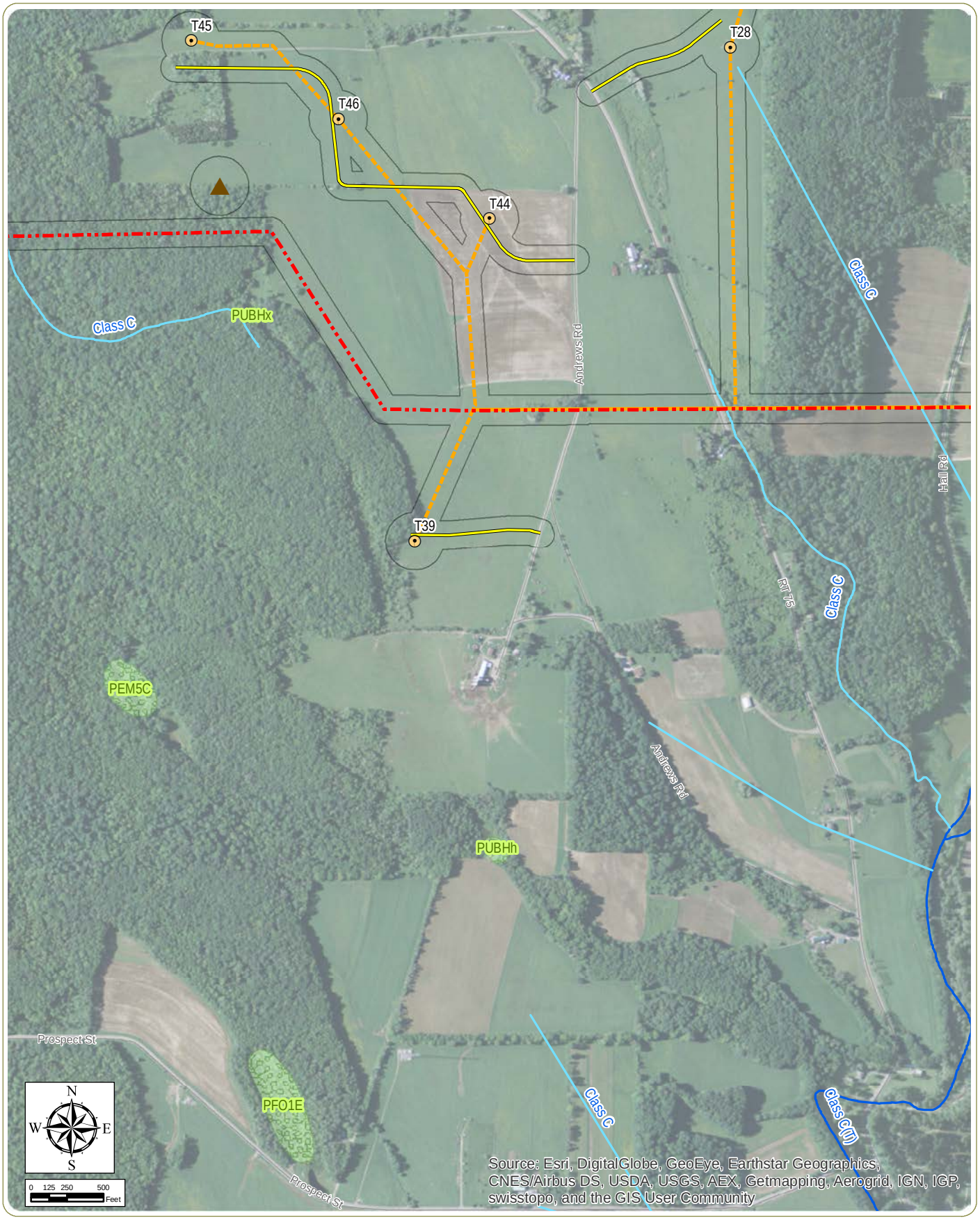

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 10 of 19

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service
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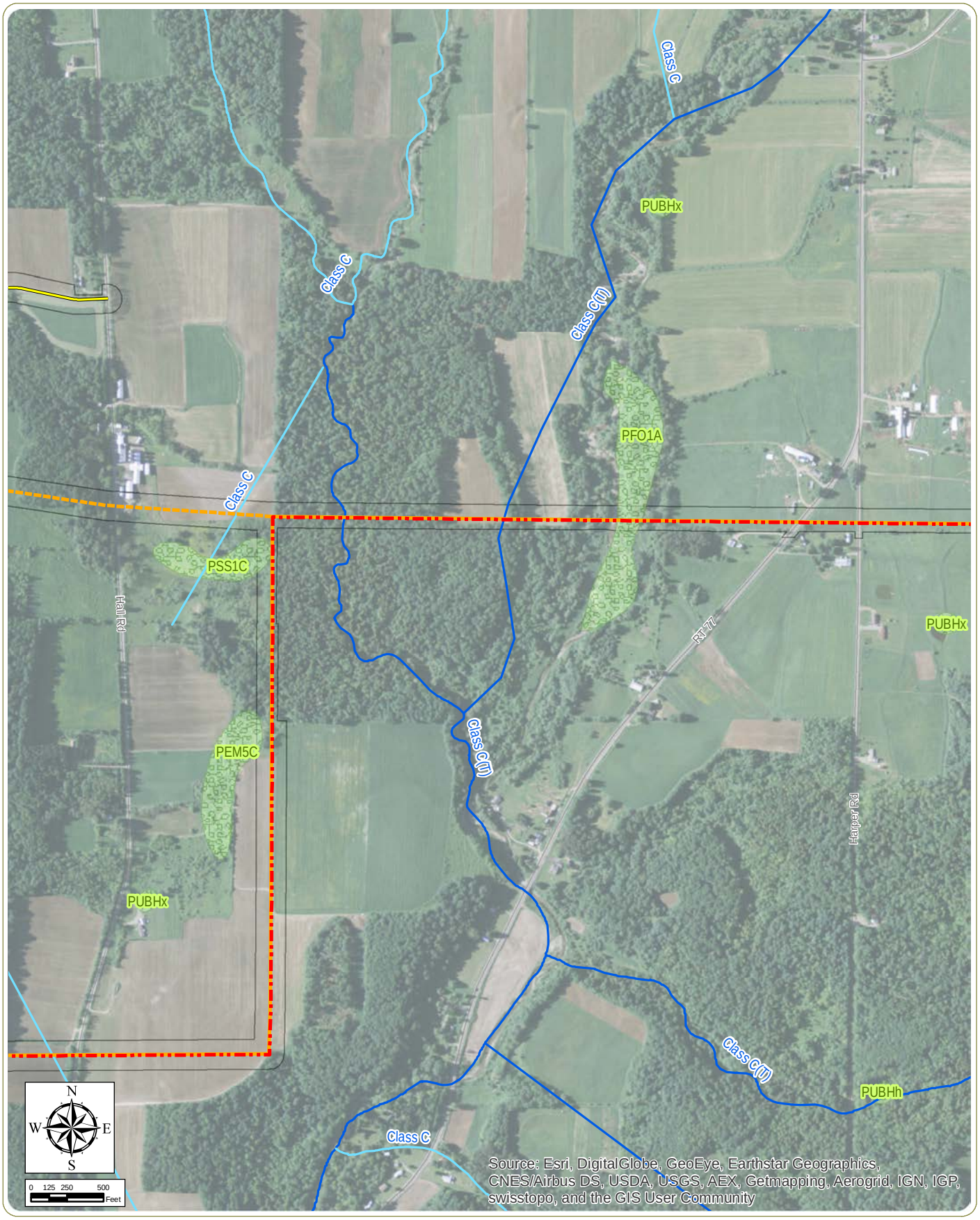

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 11 of 19

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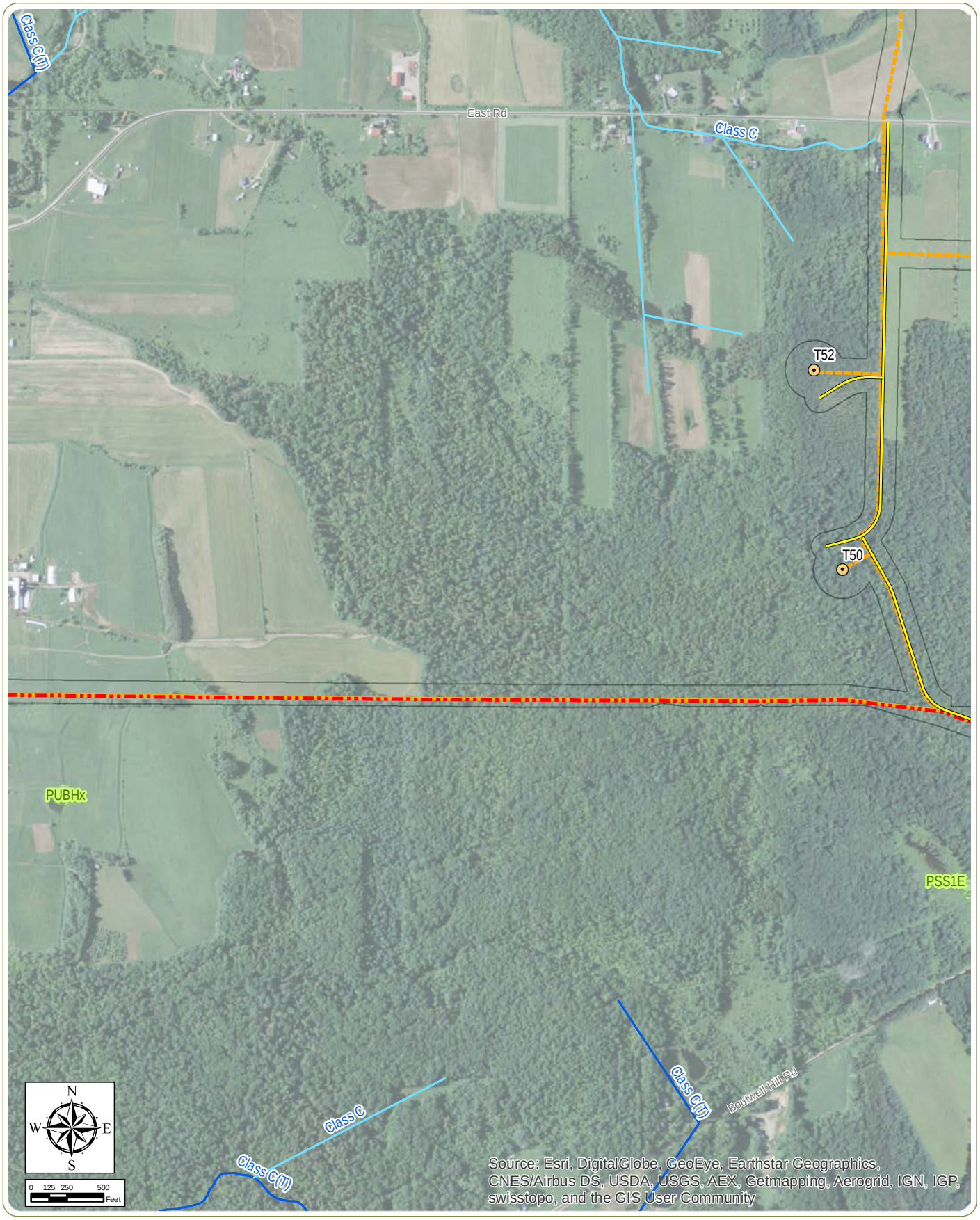

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 12 of 19

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Wind Turbine
- Access Road
- Generator Lead Line
- Underground Collection Line
- Overhead Collection Line
- MET tower
- Collector Substation
- POI Substation
- Laydown Area
- O&M Building
- NYS Protected Stream
- Unprotected Stream
- NWI Wetland
- NYSDEC Wetland
- Study Area

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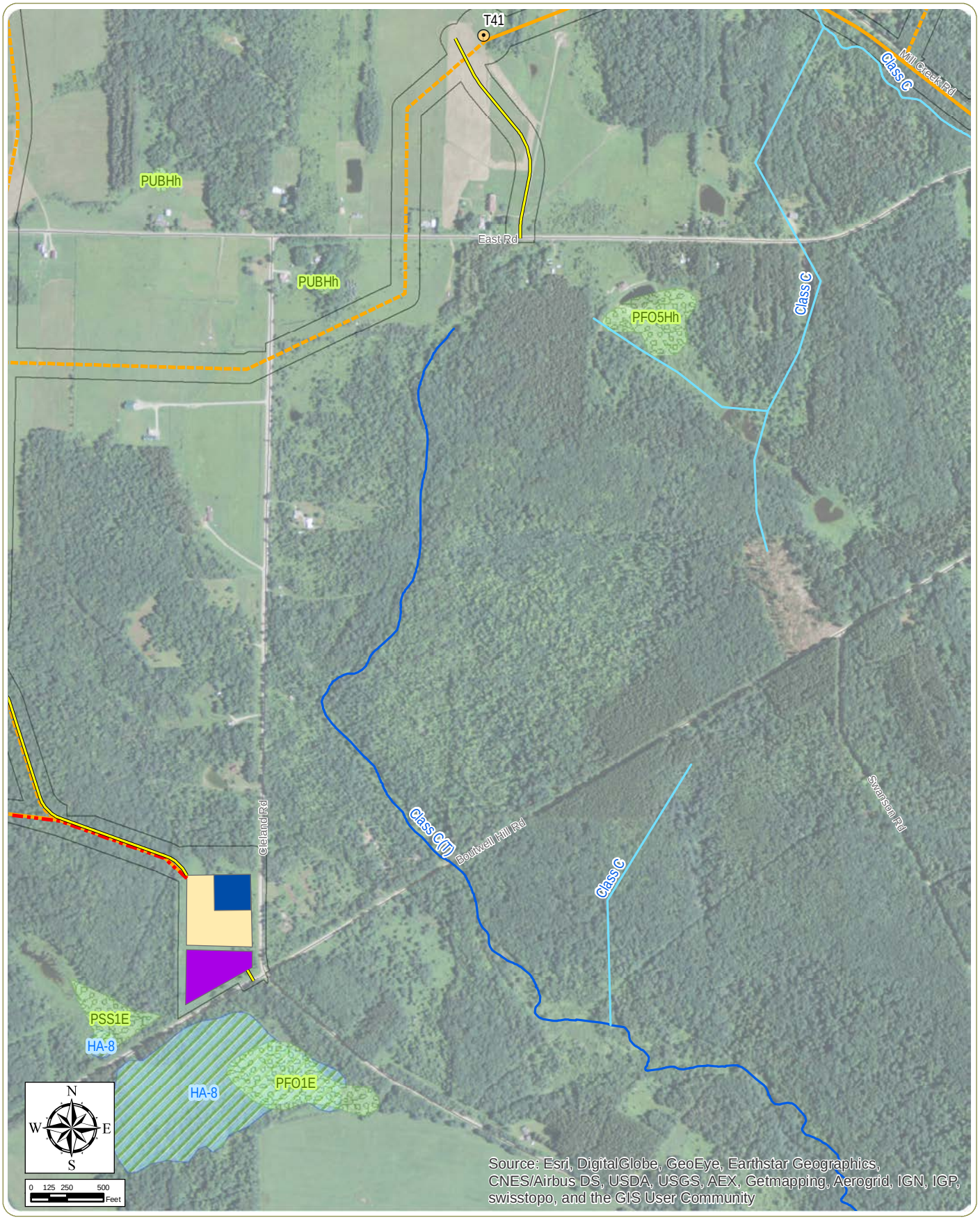

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 13 of 19

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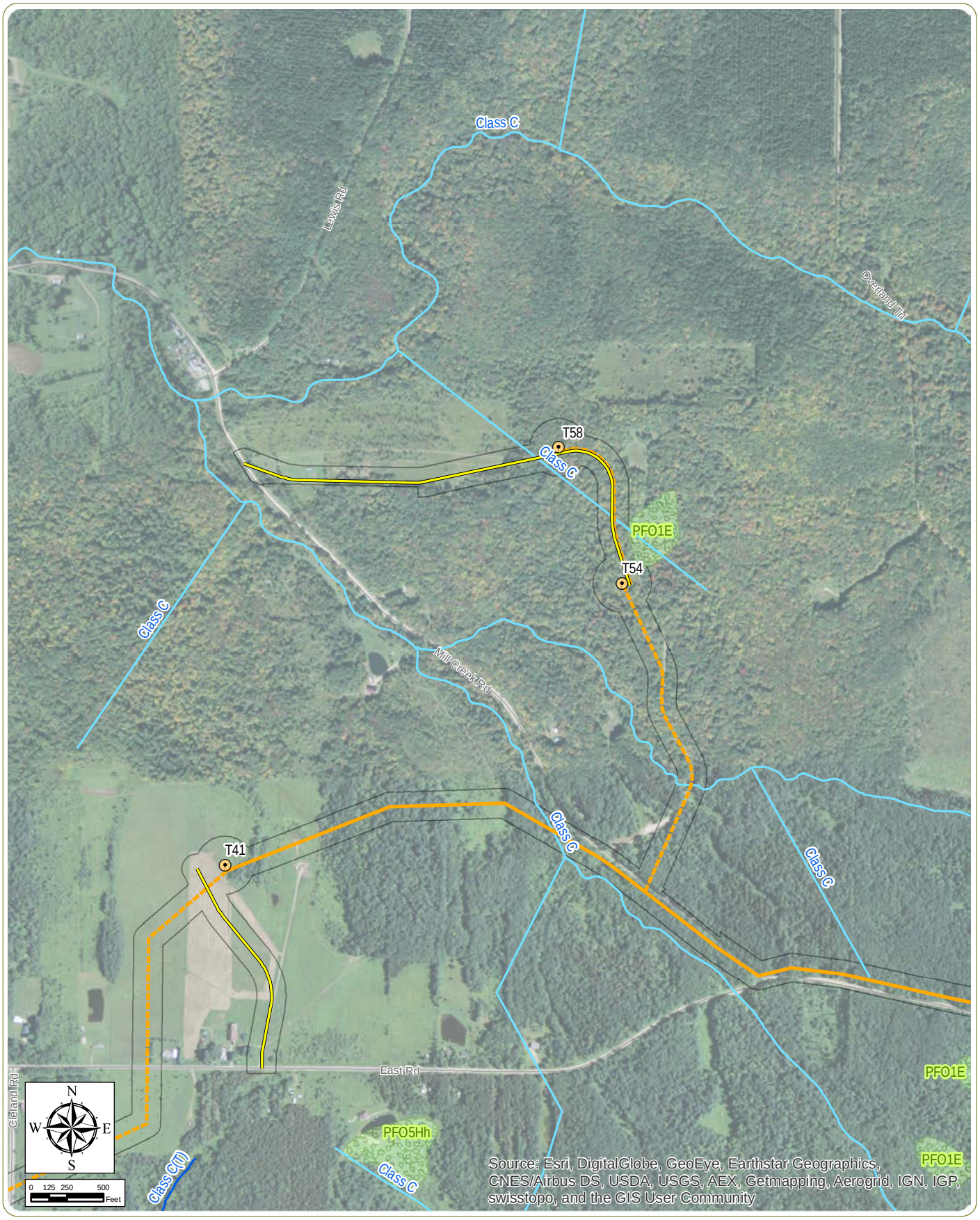

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 14 of 19

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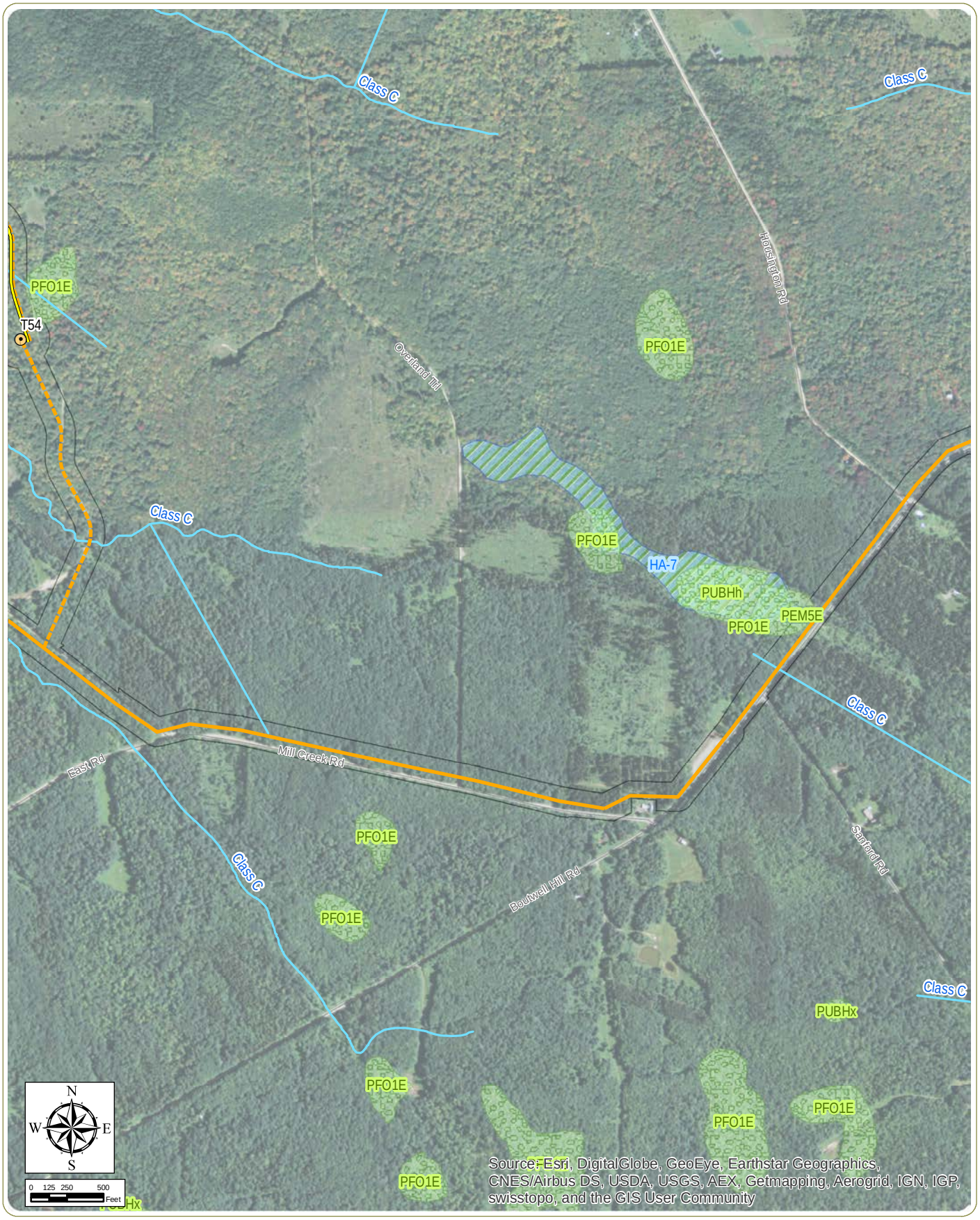

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 15 of 19

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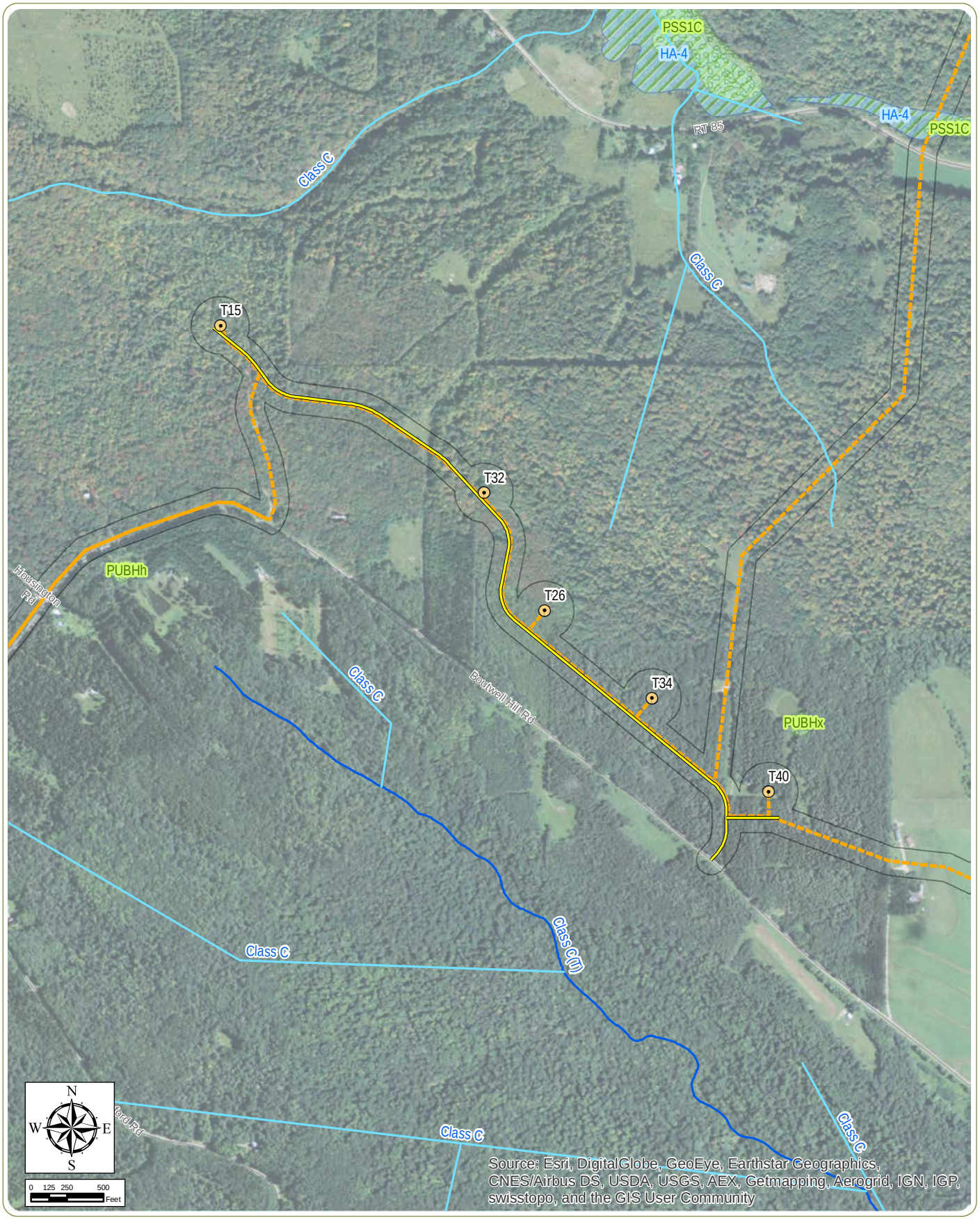

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 16 of 19

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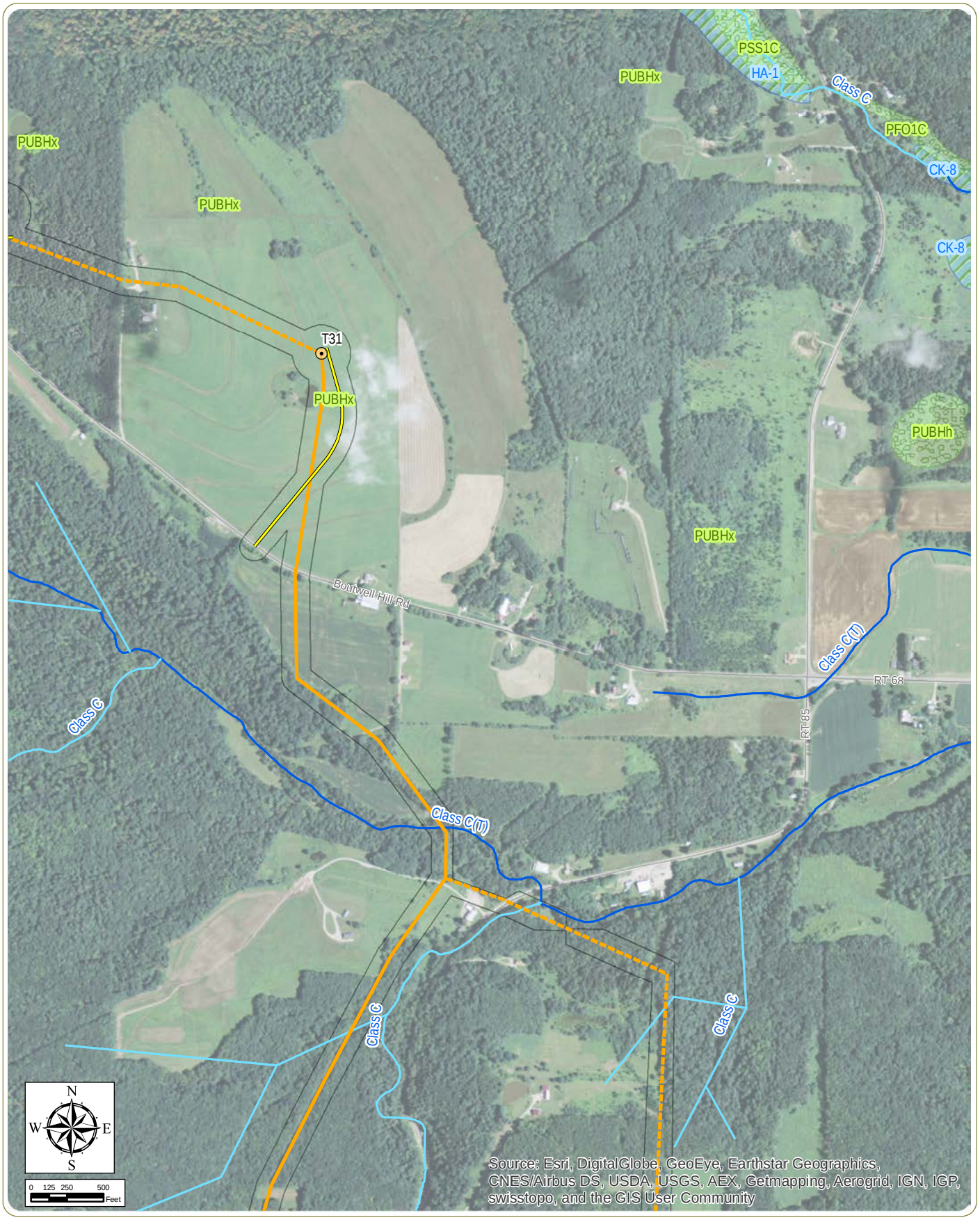

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 17 of 19

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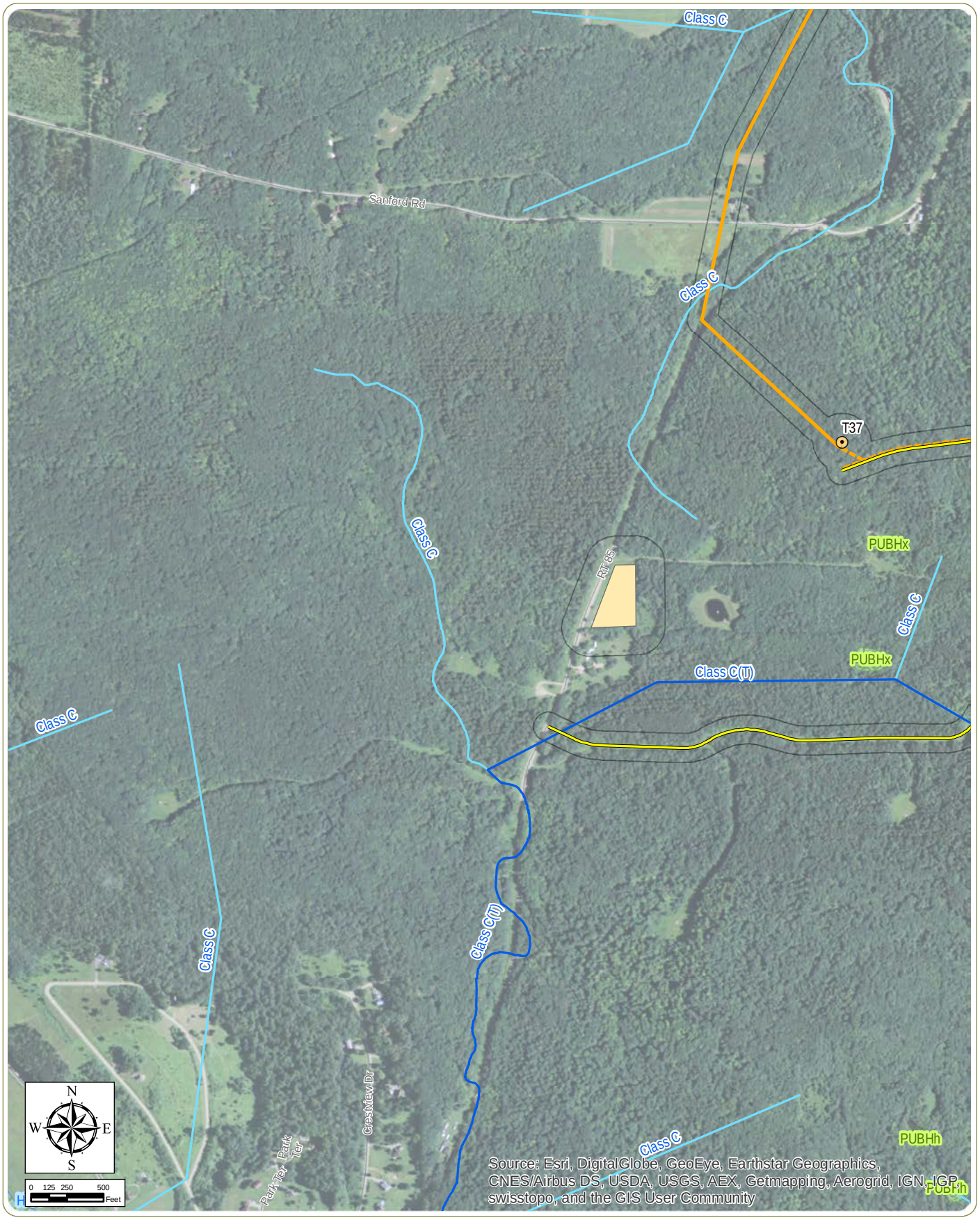

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 18 of 19

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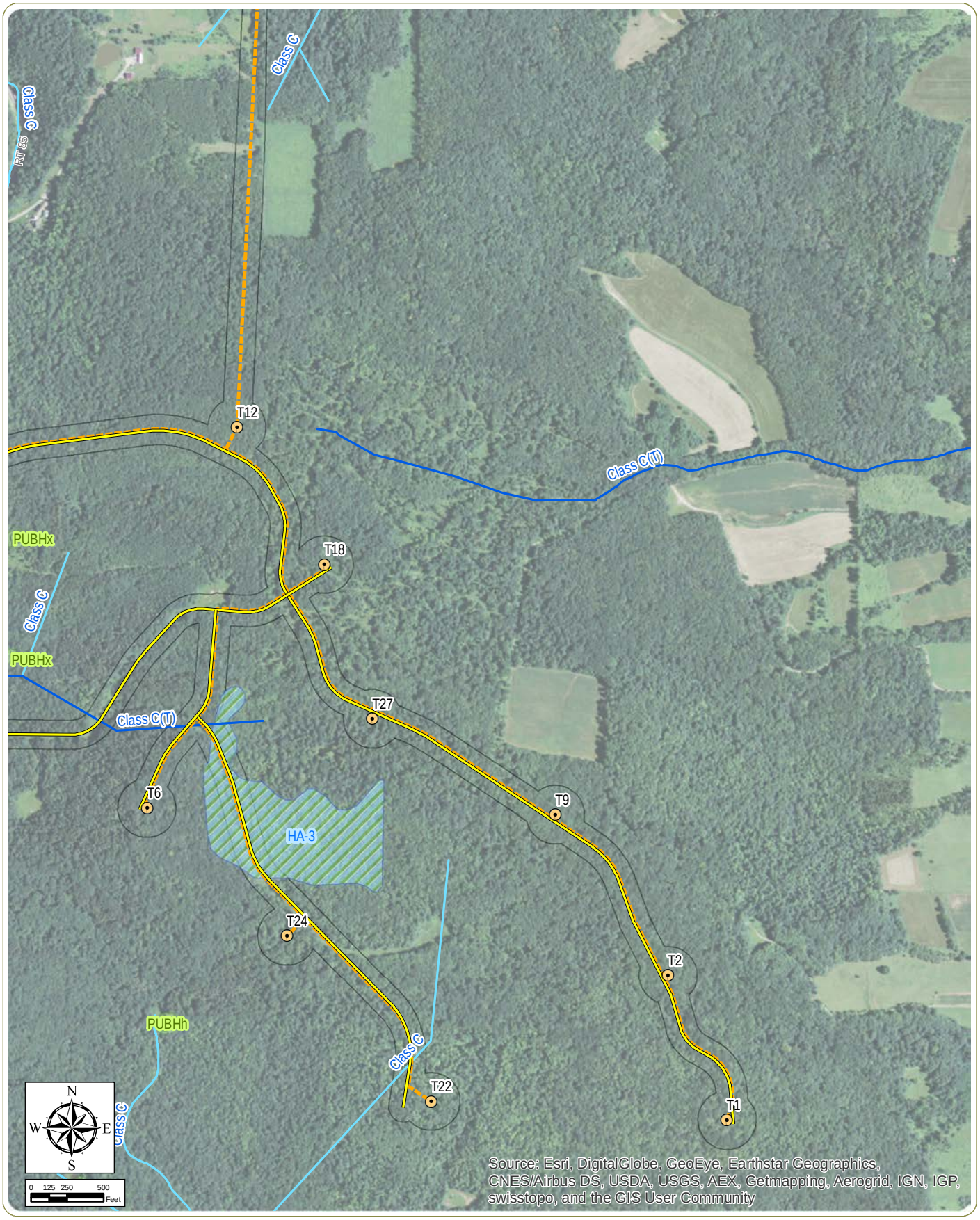

Cassadaga Wind Project Wetland Delineation

Towns of Charlotte, Cherry Creek, Arkwright, and Stockton
Chautauqua County, New York

Figure 7: Mapped Wetlands and Streams

March 2016 Sheet 19 of 19

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