

Project

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Invasive Species Occurrence

Proposed Facility Limits

Limit of Disturbance (LOD)

500-Ft Buffer Around Project Area and LOD

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Pastureland

Successional Old Field

Successional Shrubland

Beech-Maple Mesic Forest

Successional Southern Hardwoods

Eutrophic Pond

Urban Structure Exterior

Paved Road/path

MAP LOCATION

010002000

Feet

NEXTERA ENERGY RESOURCES

PROJECT COMPONENT LOCATIONS

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

INDEX SHEET

FIGURE 22-2A

OCTOBER 2020

Map Produced by

Data: Westwood, 2020, NYGIS, 2020
Base Map: USGS Topo, Esri and its contributors



500-Ft Buffer Around Project Area and LOD

Plant Communities

Cropland/Row Crops

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

050100

Feet

MAP LOCATION

FIGURE 22-2A

OCTOBER 2020

Map Produced by

*Note: There are 674.85 total acres of Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49
50	51	52	53	54	55	56
57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74			



500-Ft Buffer Around Project Area and LOD

Plant Communities

Successional Southern Hardwoods

050100

Feet

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1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49
50	51	52	53	54	55	56
57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74			

MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 3 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

*Note: There are 674.85 total acres of
Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services,
GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Successional Southern Hardwoods

**Note: There are 674.85 total acres of Active Agriculture within the project area.*

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

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MAP LOCATION

NEXTERA ENERGY RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

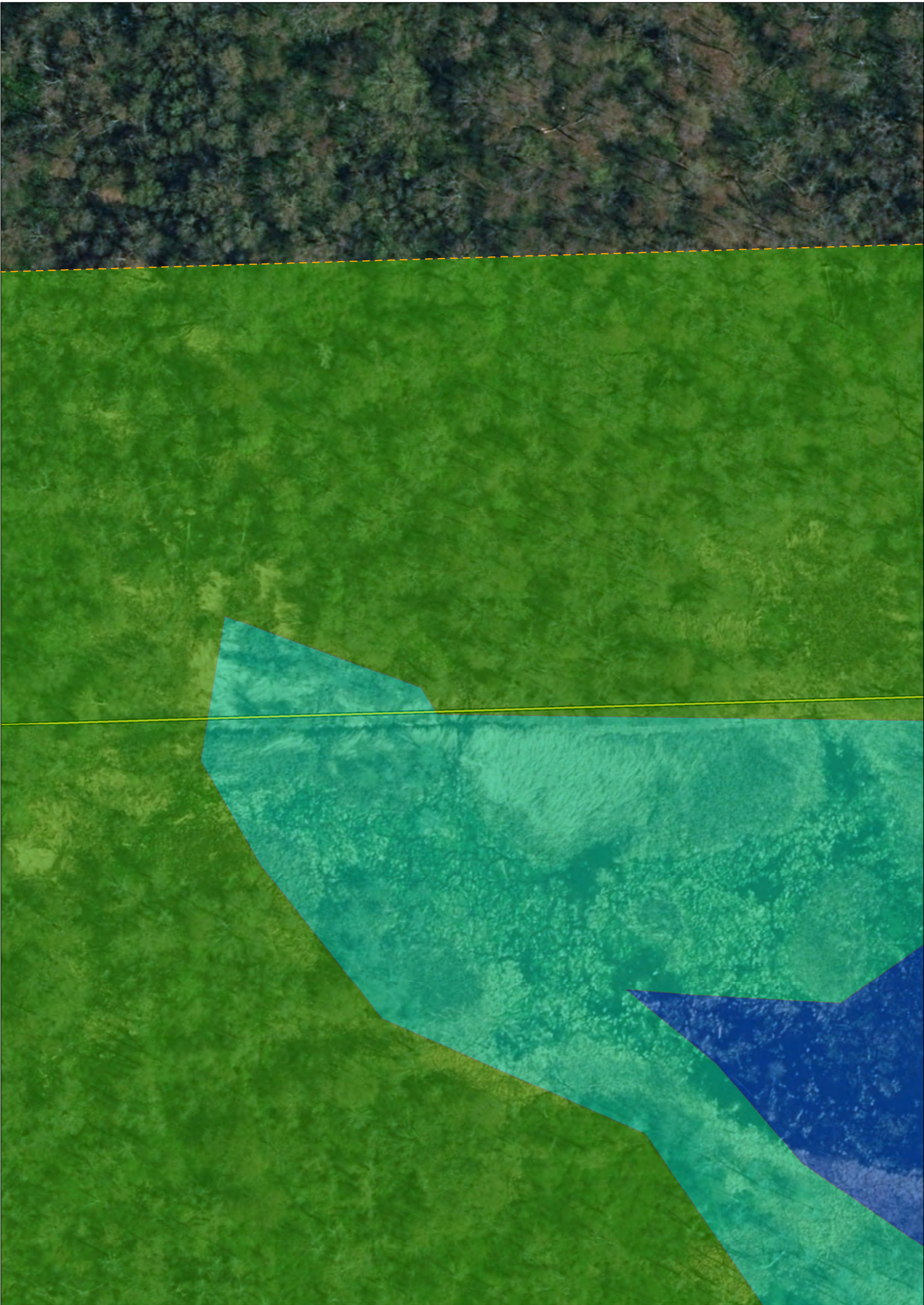
SHEET 4 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

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Feet

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MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 5 OF 74

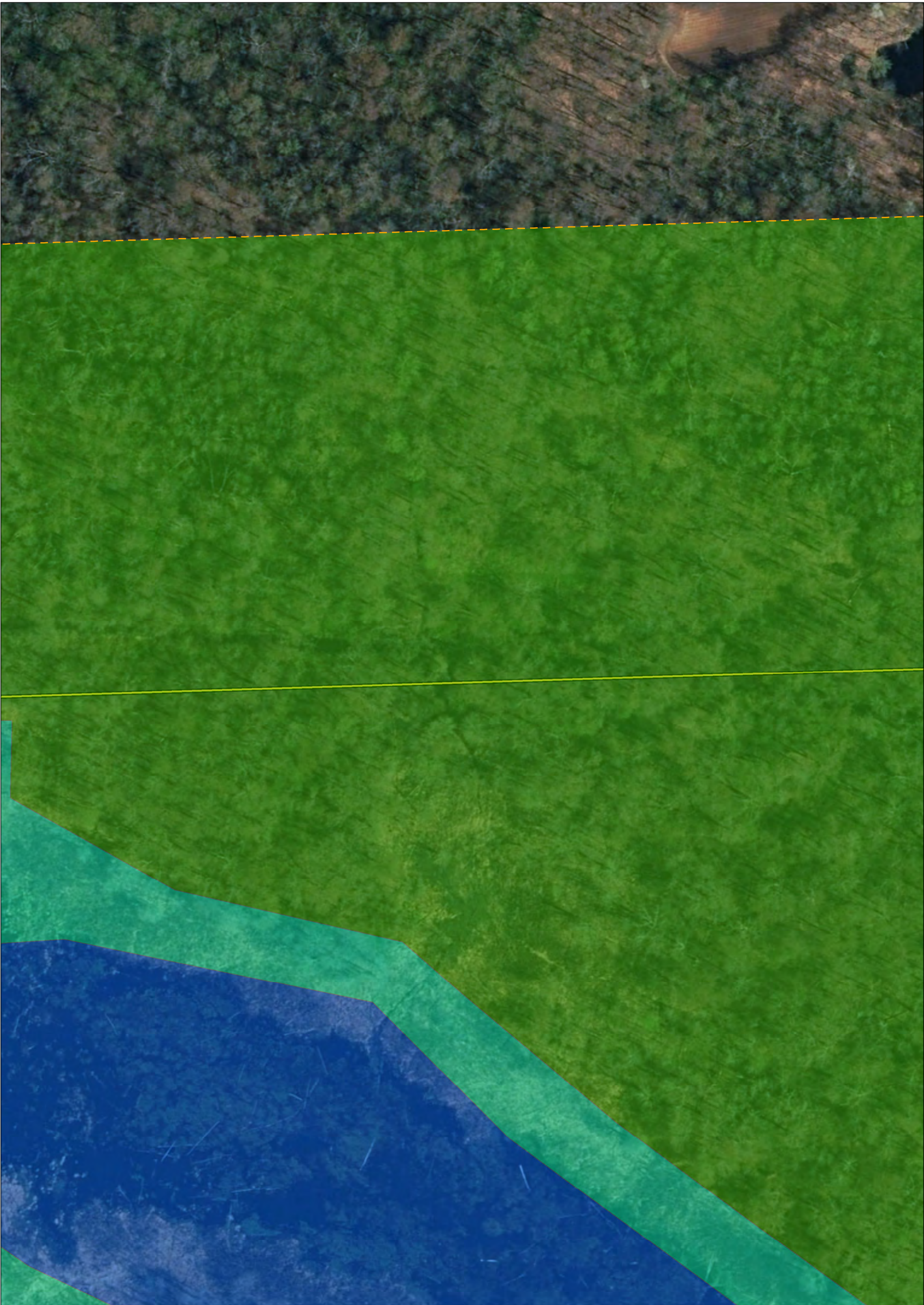
FIGURE 22-2A

OCTOBER 2020

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Base Map: NYS Office of Information Technology Services,
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Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

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Feet

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MAP LOCATION

Nextera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 6 OF 74

FIGURE 22-2A

OCTOBER 2020

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Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Successional Shrubland

Successional Southern Hardwoods

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71	72	73	74			

MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 7 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Southern Hardwoods

Eutrophic Pond

Urban Structure Exterior

Paved Road/path

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MAP LOCATION

New York

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 9 OF 74

FIGURE 22-2A

OCTOBER 2020

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500-Ft Buffer Around Project Area and LOD

Successional Southern Hardwoods

Eutrophic Pond

Urban Structure Exterior

Paved Road/path

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Feet

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MAP LOCATION



New York

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER


TOWN OF WATERLOO, NY

SHEET 10 OF 74

FIGURE 22-2A

OCTOBER 2020

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Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Successional Southern Hardwoods

Eutrophic Pond

Urban Structure Exterior

Paved Road/path

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Feet

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MAP LOCATION

New York

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 11 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Successional Shrubland

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

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Feet

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1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
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71	72	73	74			

MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

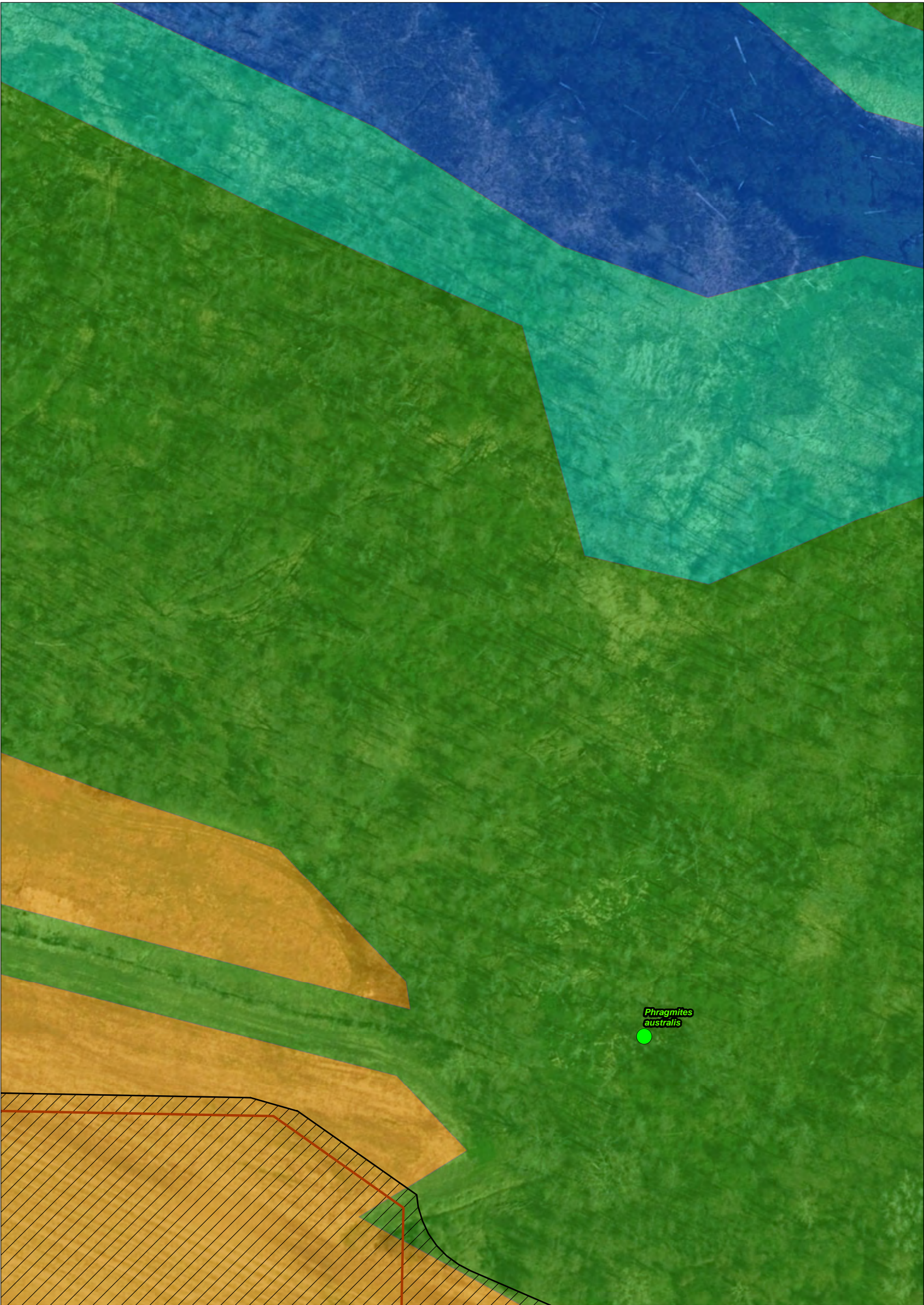
TOWN OF WATERLOO, NY

SHEET 12 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Invasive Species Occurrence

Plant Communities

Cropland/Row Crops

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

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Feet

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1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
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36	37	38	39	40	41	42
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57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74			

MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 13 OF 74

FIGURE 22-2A

OCTOBER 2020

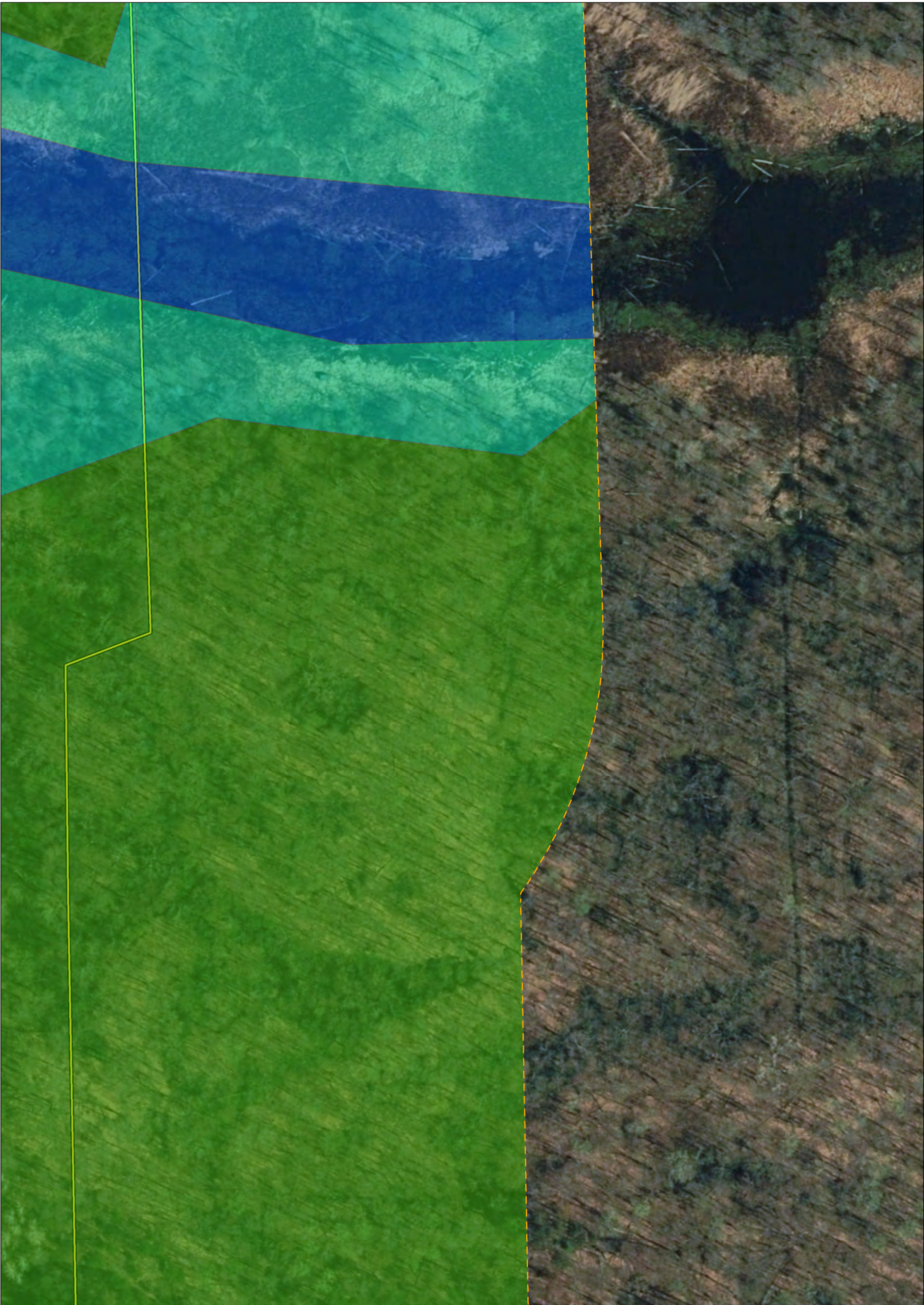
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Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services,
GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

**Note: There are 674.85 total acres of Active Agriculture within the project area.*

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57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74			

MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 14 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



500-Ft Buffer Around Project Area and LOD

Plant Communities

Successional Southern Hardwoods

Urban Structure Exterior

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Feet

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MAP LOCATION

New York

NEXTERA ENERGY RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 15 OF 74

FIGURE 22-2A

OCTOBER 2020

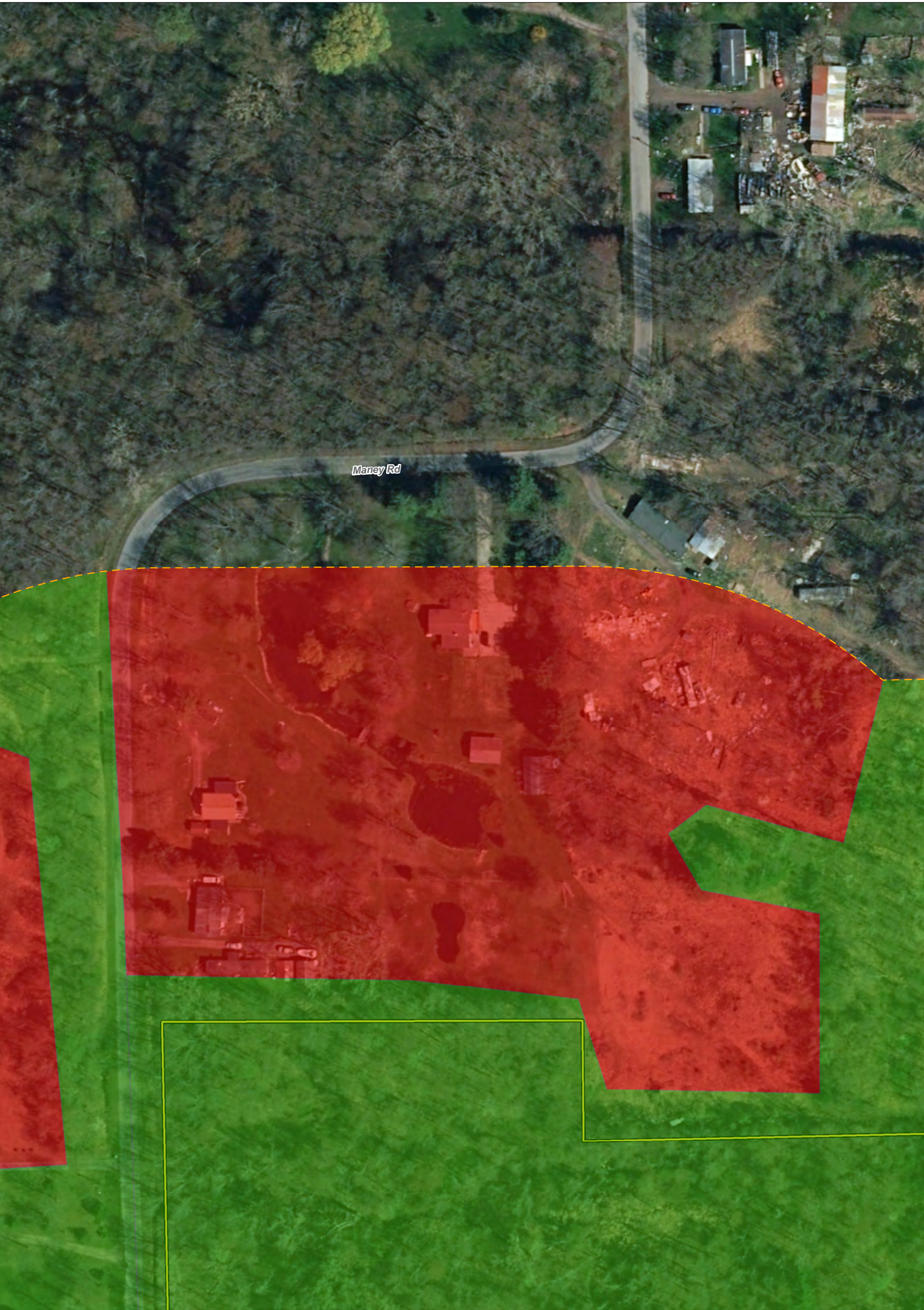
Map Produced by

TRC

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Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Successional Southern Hardwoods

Urban Structure Exterior

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MAP LOCATION

New York

NEXTERA[®]
ENERGY
RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 16 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

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Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Successional Southern Hardwoods

**Note: There are 674.85 total acres of Active Agriculture within the project area.*

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Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

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MAP LOCATION

New York

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 17 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Plant Communities

Cropland/Row Crops

Succesional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

0

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100

Feet

MAP LOCATION

New York

FIGURE 22-2A

OCTOBER 2020

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TRC

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PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 18 OF 74



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Southern Hardwoods

Eutrophic Pond

Urban Structure Exterior

Paved Road/path

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Feet

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MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 19 OF 74

FIGURE 22-2A

OCTOBER 2020

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Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Invasive Species Occurrence

Plant Communities

Cropland/Row Crops

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

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Feet

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MAP LOCATION

New York

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN

500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 20 OF 74

FIGURE 22-2A

OCTOBER 2020

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Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Cropland/Row Crops

Successional Old Field

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

Urban Structure Exterior

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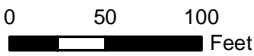
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- Project Area
- 500-Ft Buffer Around Project Area and LOD
- Limit of Disturbance (LOD)
- Proposed Facility Limits
- Invasive Species Occurrence

- Plant Communities
- Cropland/Row Crops
 - Successional Old Field
 - Successional Shrubland
 - Successional Southern Hardwoods
 - Urban Structure Exterior
 - Paved Road/path

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



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64	65	66	67	68	69	70
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MAP LOCATION



**PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 22 OF 74**

FIGURE 22-2A OCTOBER 2020

Map Produced by TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

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MAP LOCATION

New York

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 23 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

*Note: There are 674.85 total acres of Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



- Project Area
- 500-Ft Buffer Around Project Area and LOD
- Limit of Disturbance (LOD)
- Proposed Facility Limits
- Invasive Species Occurrence

- Plant Communities
- Cropland/Row Crops
 - Successional Southern Hardwoods
 - Urban Structure Exterior
 - Paved Road/path

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

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64	65	66	67	68	69	70
71	72	73	74			

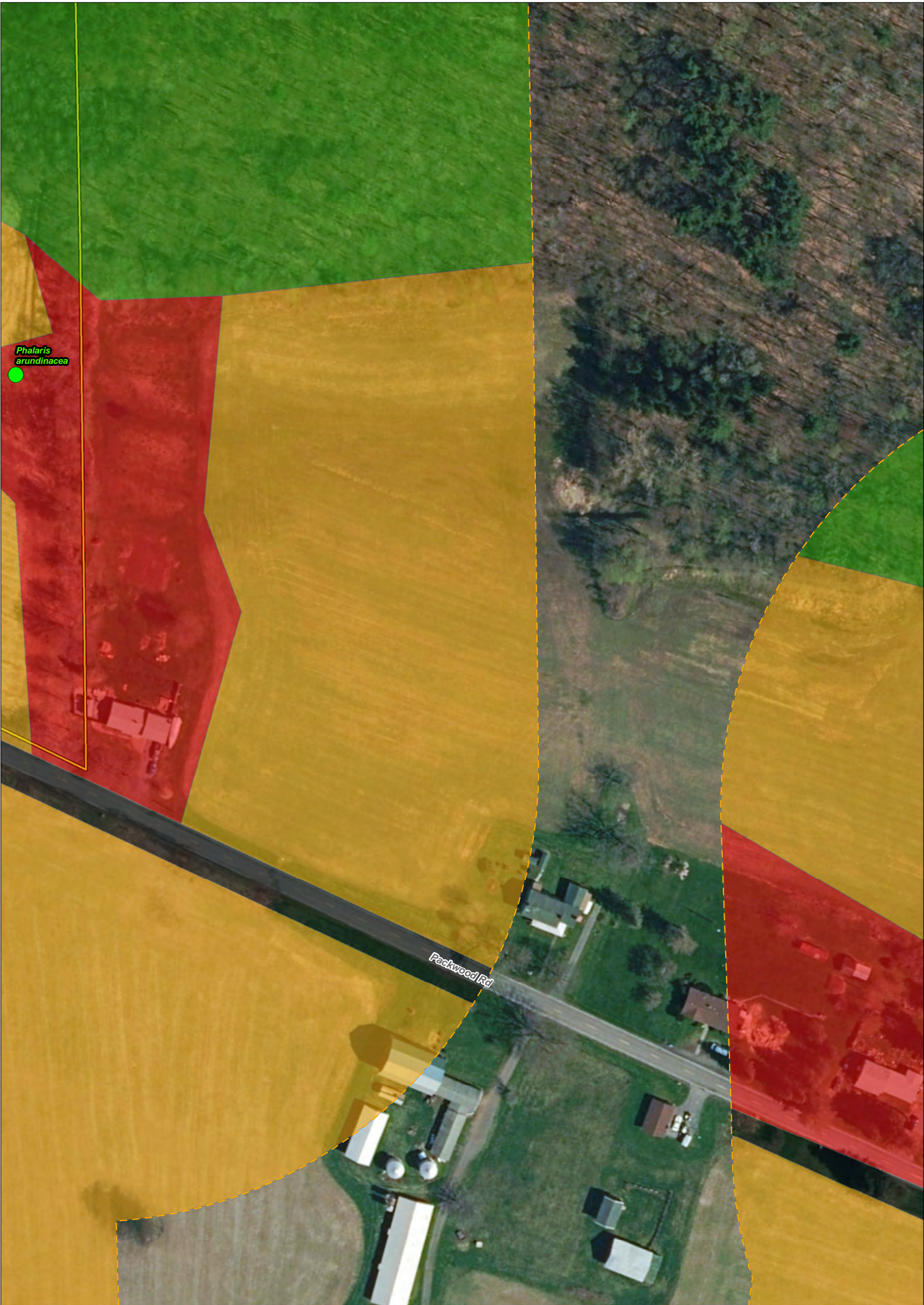
MAP LOCATION



**PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 24 OF 74**

FIGURE 22-2A OCTOBER 2020

Map Produced by TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Invasive Species Occurrence

Cropland/Row Crops

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

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53	54	55	56	57	58	59	60	61	62	63	
64	65	66	67	68	69						
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MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 25 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

*Note: There are 674.85 total acres of
Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services,
GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Cropland/Row Crops

Successional Old Field

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

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MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 26 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

*Note: There are 674.85 total acres of Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Successional Old Field

Successional Southern Hardwoods

Urban Structure Exterior

*Note: There are 674.85 total acres of Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

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Feet

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71	72	73	74			

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MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

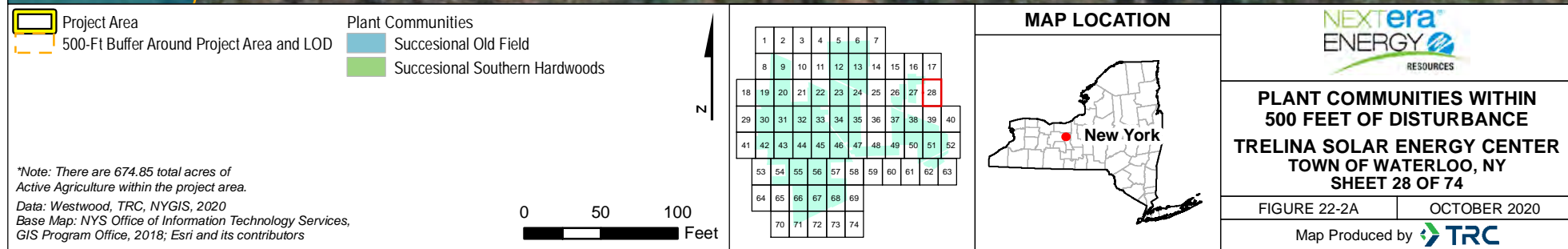
SHEET 27 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC





Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Cropland/Row Crops

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

**Note: There are 674.85 total acres of Active Agriculture within the project area.*

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Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

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MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 29 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Shrubland

Beech-Maple Mesic Forest

Successional Southern Hardwoods

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MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 31 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Pastureland

Successional Shrubland

Beech-Maple Mesic Forest

Successional Southern Hardwoods

Eutrophic Pond

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MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 32 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Invasive Species Occurrence

Cynanchum
rossicum

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Pastureland

Successional Old Field

Successional Shrubland

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

*Note: There are 674.85 total acres of Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

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MAP LOCATION

New York

NEXTERA[®]

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 33 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Invasive Species Occurrence

Plant Communities

Cropland/Row Crops

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

Urban Structure Exterior

Paved Road/path

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MAP LOCATION

New York

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 34 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

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MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 35 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Old Field

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

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MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 37 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Old Field

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

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MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 38 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Cropland/Row Crops

Successional Old Field

Urban Structure Exterior

Paved Road/path

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MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 40 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Invasive Species Occurrence

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Successional Shrubland

Successional Southern Hardwoods

Urban Structure Exterior

0

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100

Feet

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MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

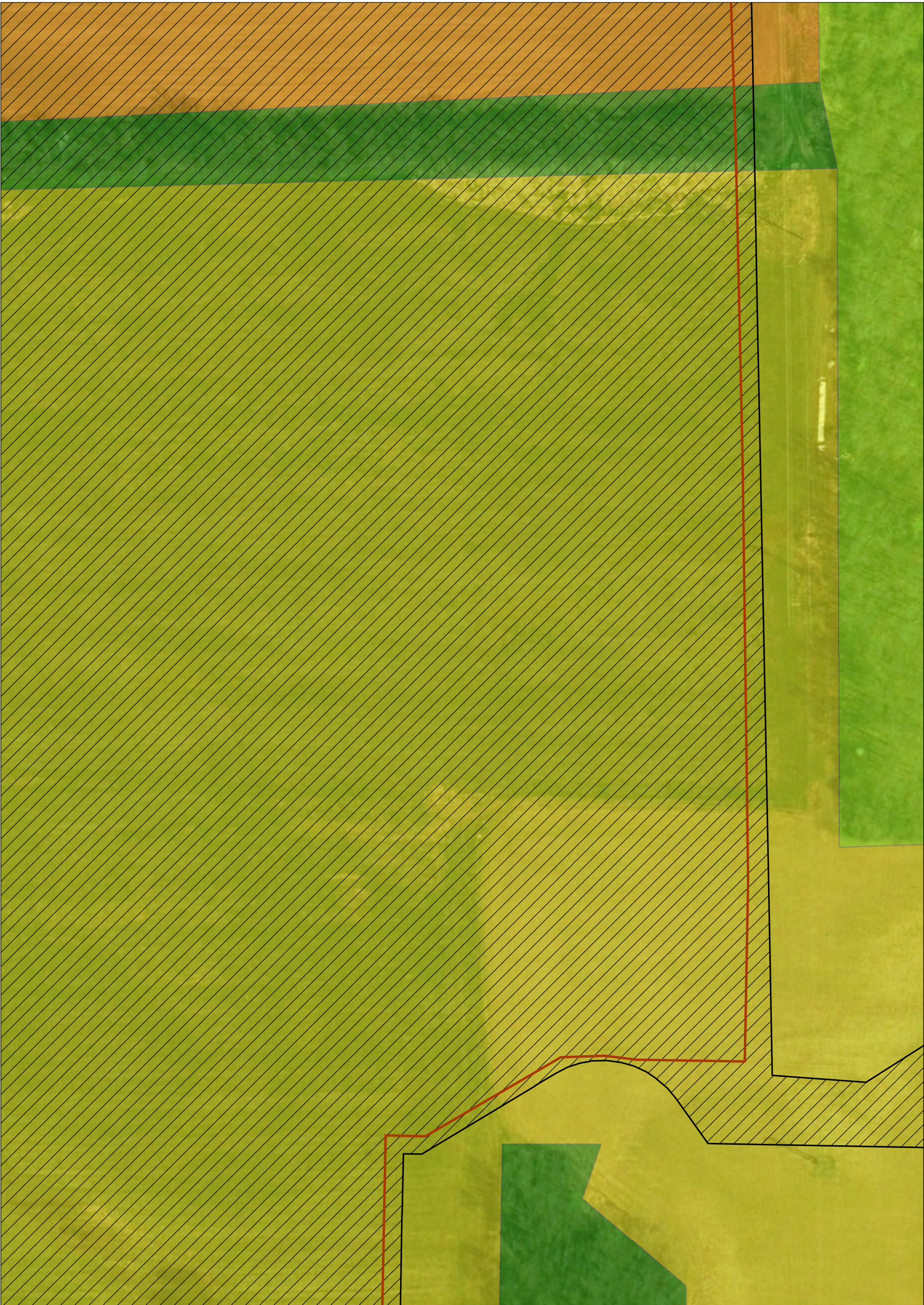
TOWN OF WATERLOO, NY

SHEET 42 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Beech-Maple Mesic Forest

Successional Southern Hardwoods

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MAP LOCATION

New York

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 43 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

*Note: There are 674.85 total acres of Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Pastureland

Beech-Maple Mesic Forest

Successional Southern Hardwoods

Urban Structure Exterior

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Feet

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MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 44 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

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Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Pastureland

Beech-Maple Mesic Forest

Successional Southern Hardwoods

Urban Structure Exterior

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MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 45 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Southern Hardwoods

Eutrophic Pond

Urban Structure Exterior

Paved Road/path

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MAP LOCATION

New York

NEXTERA[®]

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 46 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

*Note: There are 674.85 total acres of
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Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services,
GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Southern Hardwoods

Eutrophic Pond

Urban Structure Exterior

Paved Road/path

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Feet

MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 47 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

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Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Invasive Species Occurrence

Plant Communities

Cropland/Row Crops

Successional Southern Hardwoods

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MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINE SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 48 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
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Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Southern Hardwoods

**Note: There are 674.85 total acres of Active Agriculture within the project area.*

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

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Feet

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22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49
50	51	52	53	54	55	56
57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74			

MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 49 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Southern Hardwoods

**Note: There are 674.85 total acres of Active Agriculture within the project area.*

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Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

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Feet

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49
50	51	52	53	54	55	56
57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74			

MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 50 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

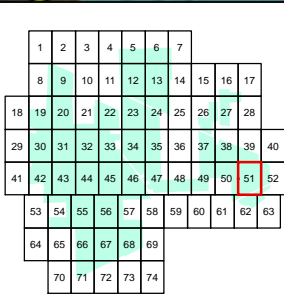


- Project Area
- 500-Ft Buffer Around Project Area and LOD
- Limit of Disturbance (LOD)
- Proposed Facility Limits

- Plant Communities
- Cropland/Row Crops
 - Successional Old Field
 - Successional Southern Hardwoods
 - Paved Road/path

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

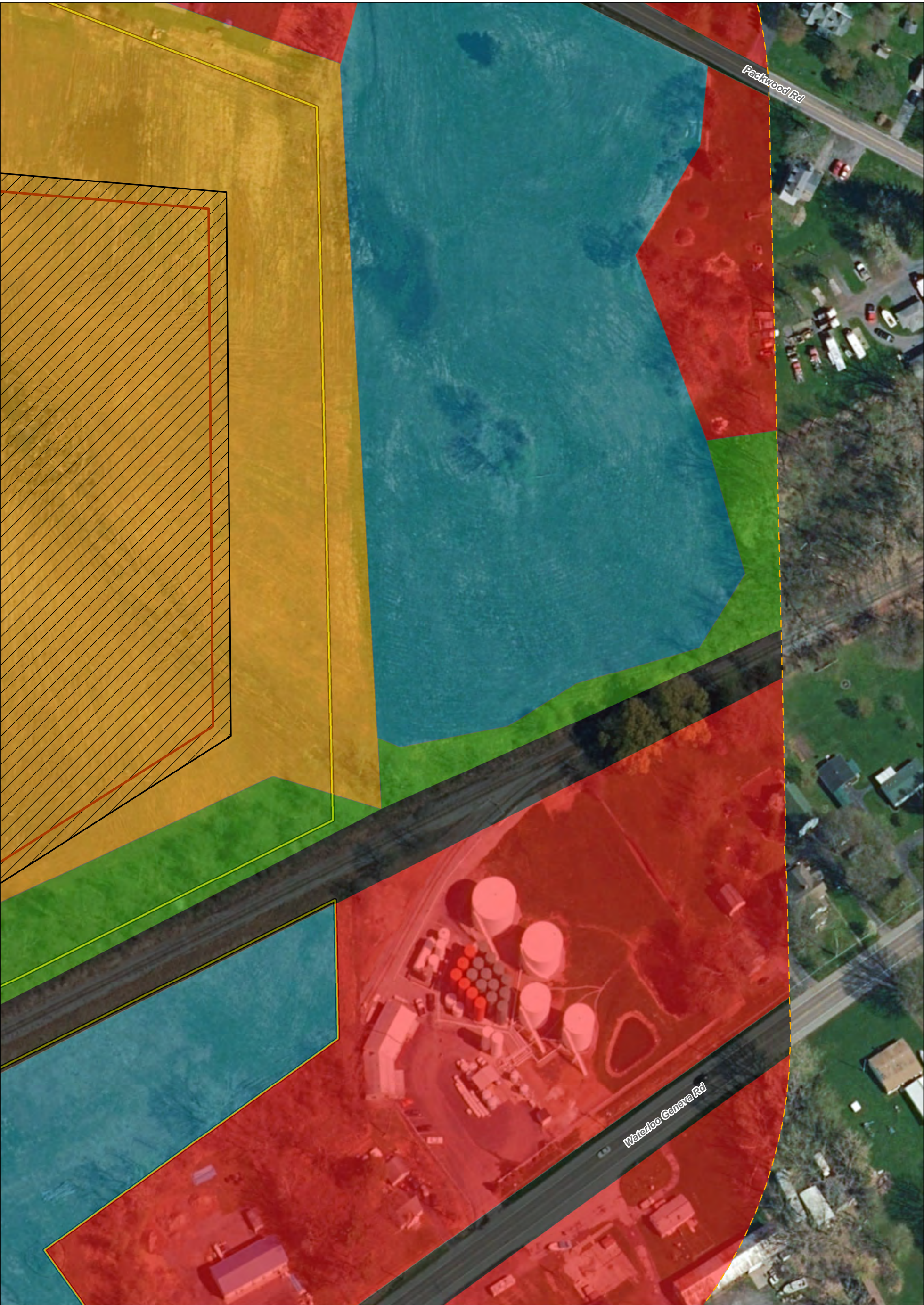
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**PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE**
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 51 OF 74

FIGURE 22-2A OCTOBER 2020

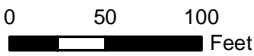
Map Produced by TRC



- Project Area
- 500-Ft Buffer Around Project Area and LOD
- Limit of Disturbance (LOD)
- Proposed Facility Limits

- Plant Communities
- Cropland/Row Crops
- Successional Old Field
- Successional Southern Hardwoods
- Urban Structure Exterior
- Paved Road/path

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



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MAP LOCATION



**PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE**
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 52 OF 74

FIGURE 22-2A OCTOBER 2020

Map Produced by TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Successional Shrubland

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

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100

Feet

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MAP LOCATION

New York

NEXtera[®]

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN

500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

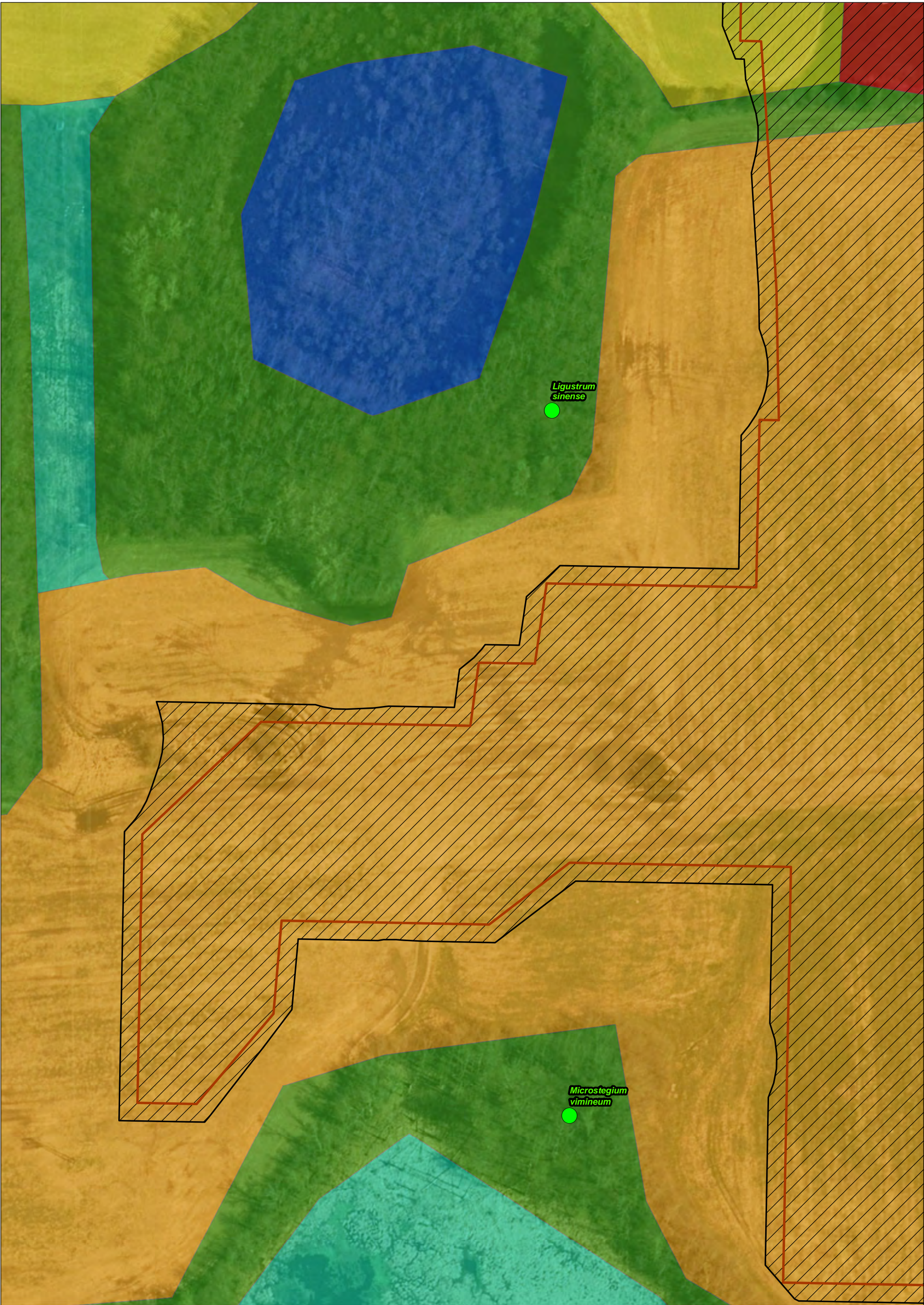
SHEET 53 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Invasive Species Occurrence

Plant Communities

Cropland/Field Crops

Cropland/Row Crops

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

Urban Structure Exterior

*Note: There are 674.85 total acres of Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors

0

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Feet

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MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 55 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Succesional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

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Feet

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1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49
50	51	52	53	54	55	56
57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74			

MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 56 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Southern Hardwoods

0

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Feet

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MAP LOCATION

New York

NEXTera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 57 OF 74

FIGURE 22-2A

OCTOBER 2020

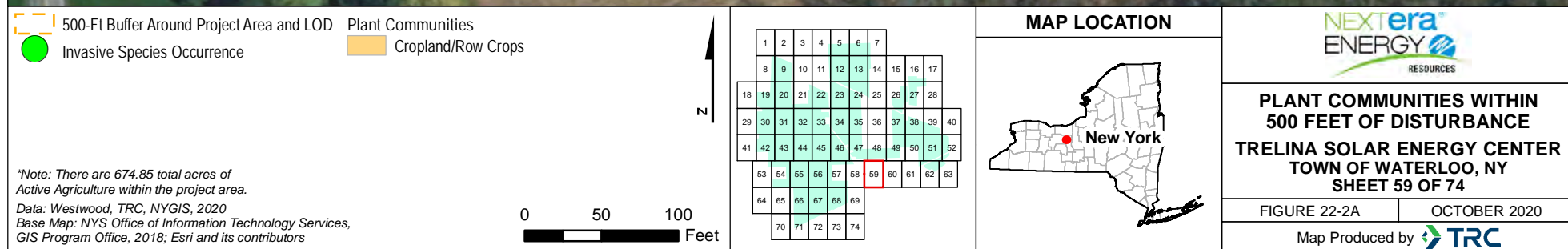
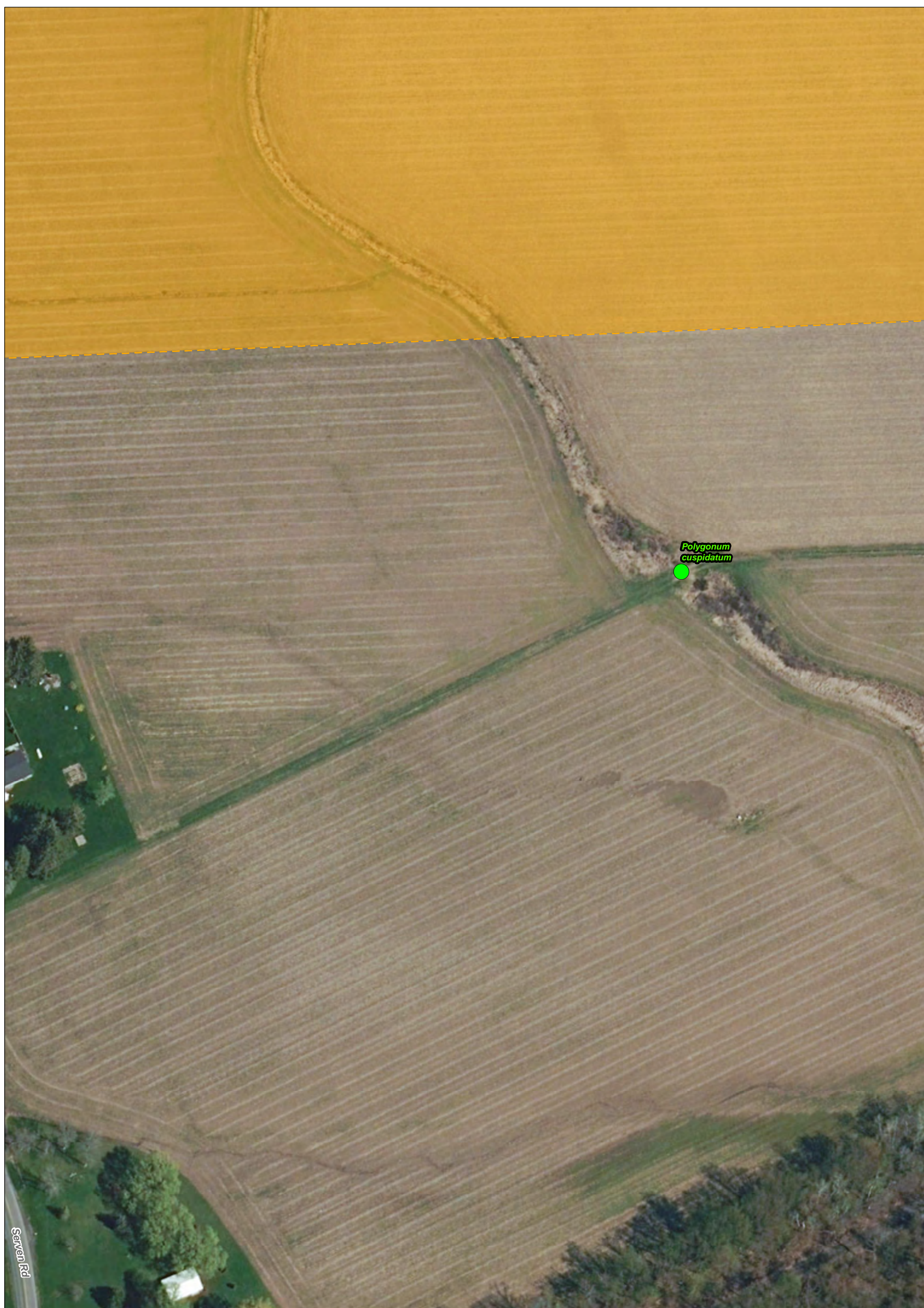
Map Produced by

TRC

*Note: There are 674.85 total acres of Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors





Project Area

500-Ft Buffer Around Project Area and LOD

Cropland/Row Crops

Successional Old Field

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

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Feet

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MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 62 OF 74

FIGURE 22-2A

OCTOBER 2020

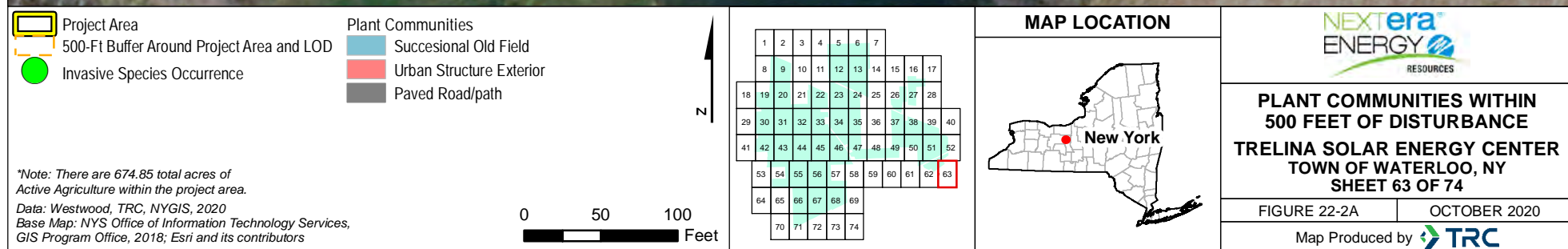
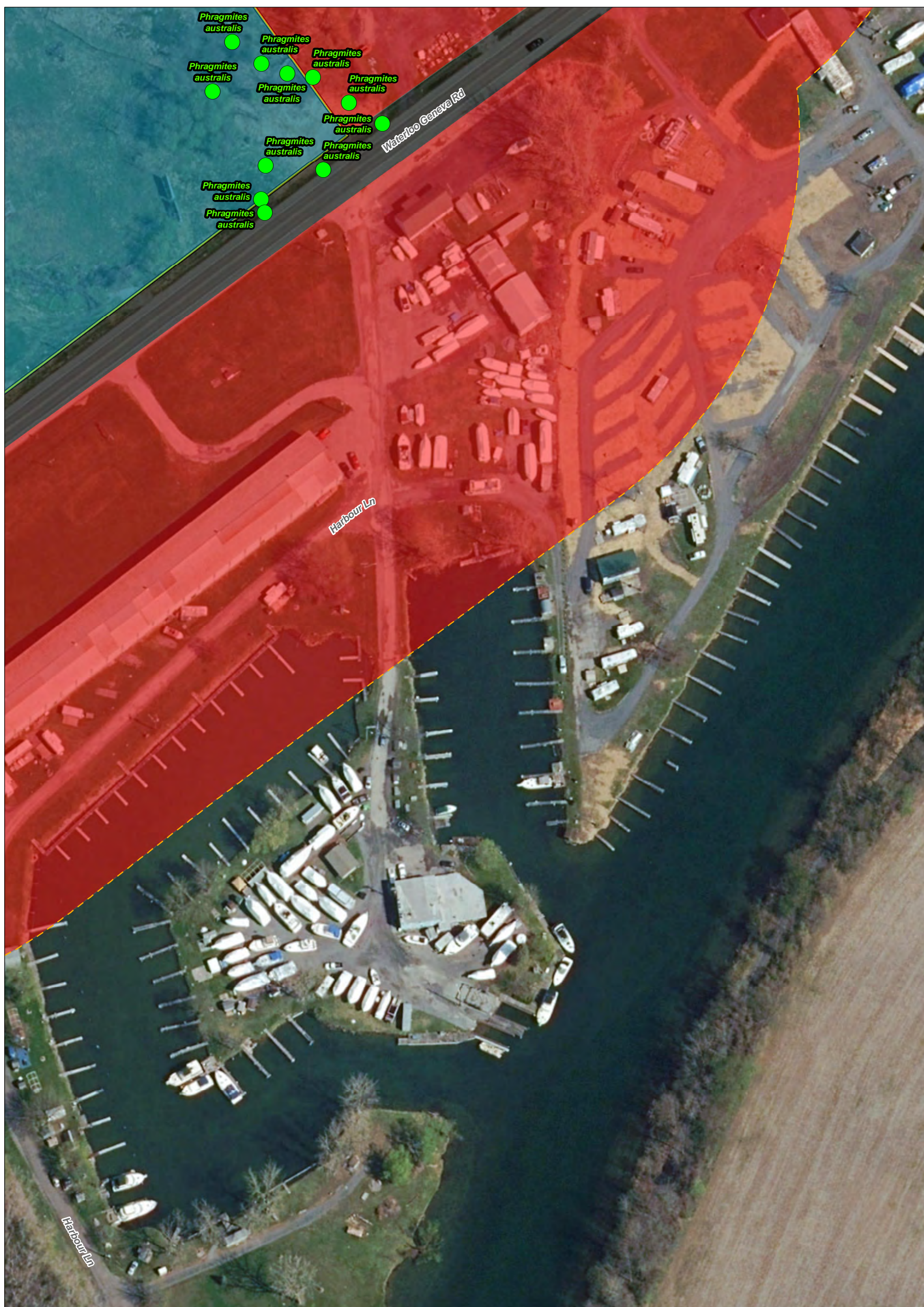
Map Produced by

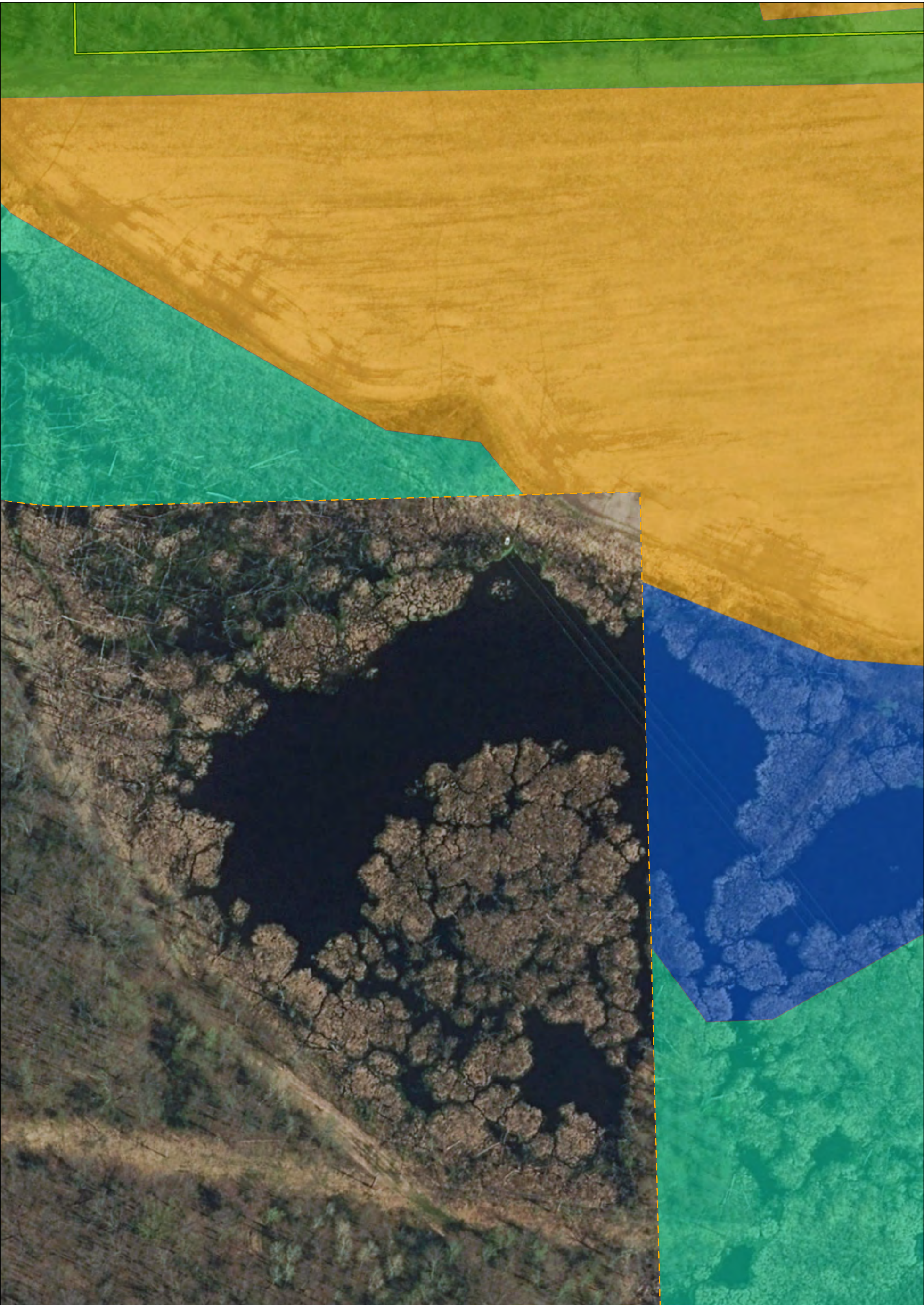
TRC

Note: There are 674.85 total acres of Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors





Project Area

500-Ft Buffer Around Project Area and LOD

Plant Communities

Cropland/Row Crops

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

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Feet

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1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49
50	51	52	53	54	55	56
57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74			

MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE
TRELINA SOLAR ENERGY CENTER
TOWN OF WATERLOO, NY
SHEET 65 OF 74

FIGURE 22-2A

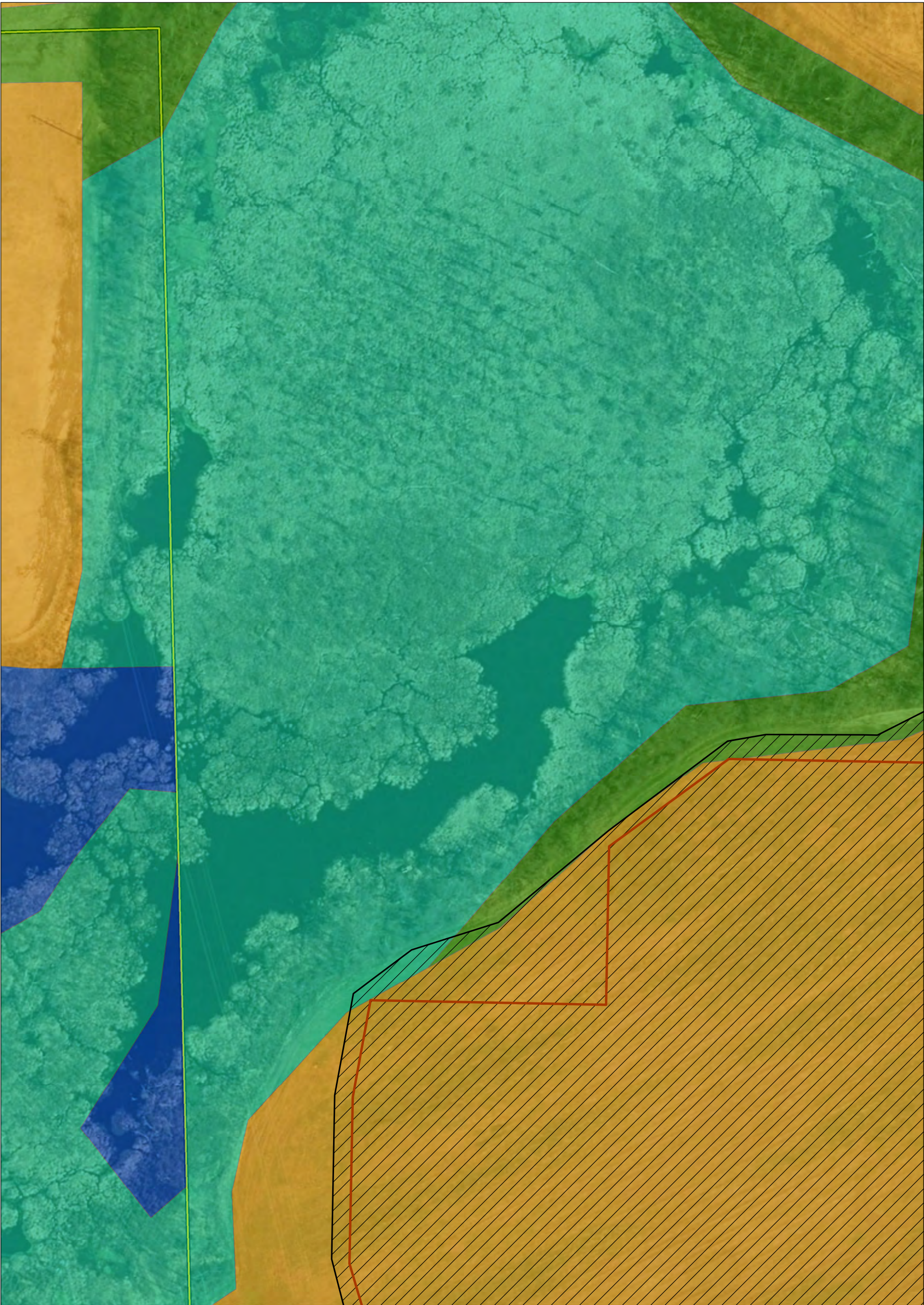
OCTOBER 2020

Map Produced by

*Note: There are 674.85 total acres of
Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services,
GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Plant Communities

Cropland/Row Crops

Successional Shrubland

Successional Southern Hardwoods

Eutrophic Pond

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Feet

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MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 66 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by

TRC

**Note: There are 674.85 total acres of Active Agriculture within the project area.*
Data: Westwood, TRC, NYGIS, 2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



- Project Area
- 500-Ft Buffer Around Project Area and LOD
- Limit of Disturbance (LOD)
- Proposed Facility Limits

- Plant Communities
- Cropland/Row Crops
- Successional Shrubland
- Successional Southern Hardwoods
- Paved Road/path



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Feet

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49
50	51	52	53	54	55	56
57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74			



NEXTERA ENERGY RESOURCES

PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 67 OF 74

FIGURE 22-2A

OCTOBER 2020

Map Produced by TRC

**Note: There are 674.85 total acres of Active Agriculture within the project area.*

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors



500-Ft Buffer Around Project Area and LOD

Plant Communities

Successional Shrubland

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

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Feet

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MAP LOCATION

NEXtera

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 70 OF 74

FIGURE 22-2A

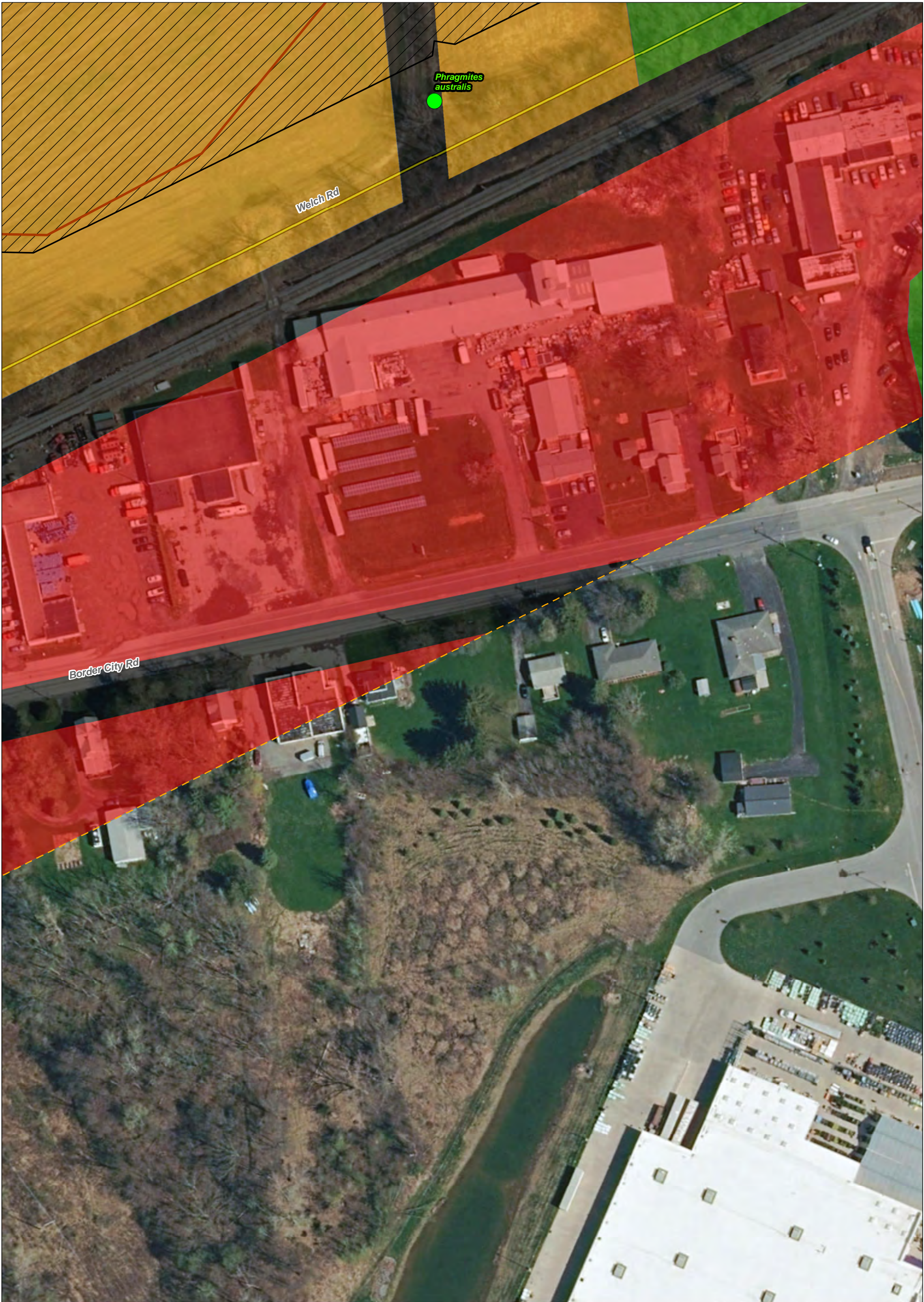
OCTOBER 2020

Map Produced by

*Note: There are 674.85 total acres of
Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services,
GIS Program Office, 2018; Esri and its contributors



Project Area

500-Ft Buffer Around Project Area and LOD

Limit of Disturbance (LOD)

Proposed Facility Limits

Invasive Species Occurrence

Cropland/Row Crops

Successional Southern Hardwoods

Urban Structure Exterior

Paved Road/path

0

50

100

Feet

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1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49
50	51	52	53	54	55	56
57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74			

MAP LOCATION

NEXTERA

ENERGY

RESOURCES

PLANT COMMUNITIES WITHIN
500 FEET OF DISTURBANCE

TRELINA SOLAR ENERGY CENTER

TOWN OF WATERLOO, NY

SHEET 72 OF 74

FIGURE 22-2A

OCTOBER 2020

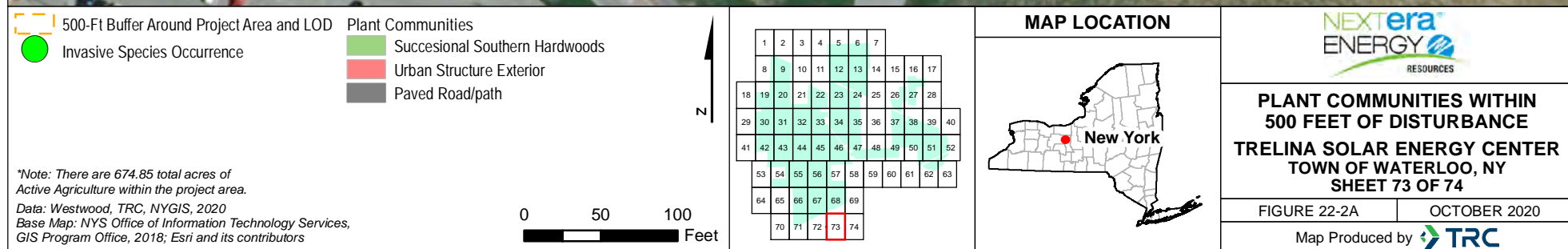
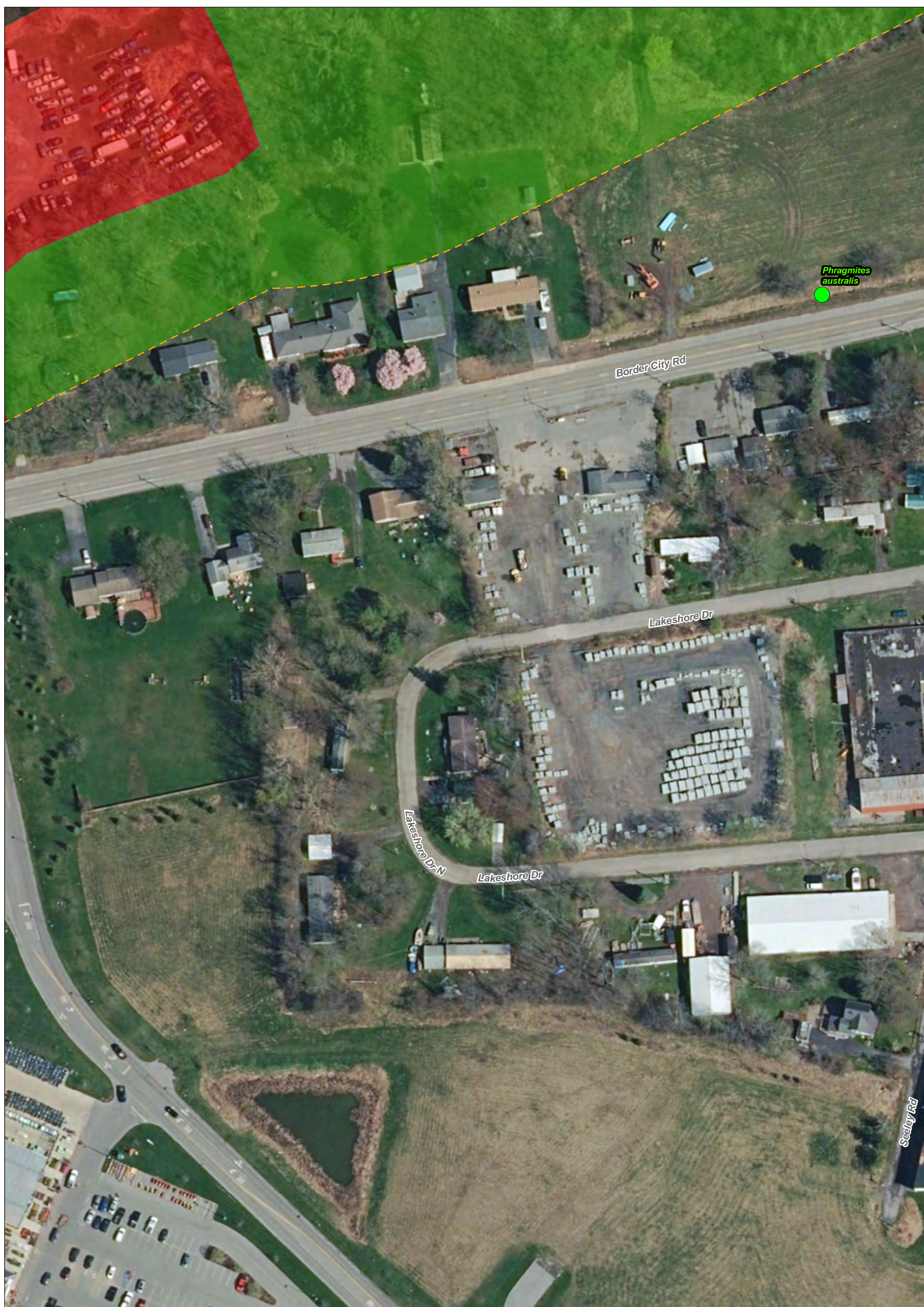
Map Produced by

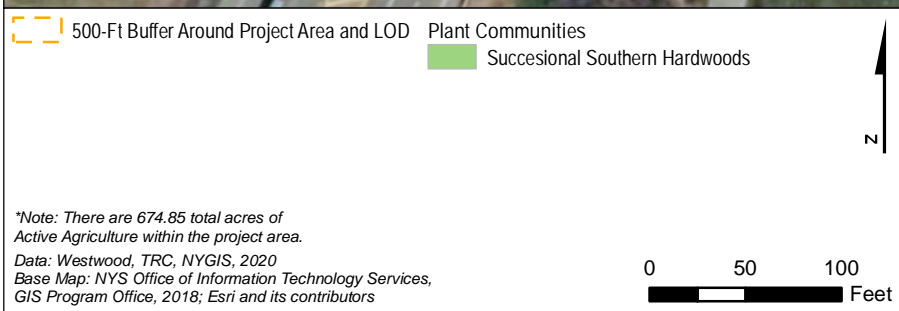
TRC



*Note: There are 674.85 total acres of
Active Agriculture within the project area.

Data: Westwood, TRC, NYGIS, 2020

Base Map: NYS Office of Information Technology Services,
GIS Program Office, 2018; Esri and its contributors



[illegible]

	
<p align="center">PLANT COMMUNITIES WITHIN 500 FEET OF DISTURBANCE</p> <p align="center">TRELINA SOLAR ENERGY CENTER</p> <p align="center">TOWN OF WATERLOO, NY</p> <p align="center">SHEET 74 OF 74</p>	
FIGURE 22-2A	OCTOBER 2020
<p align="center">Map Produced by </p>	