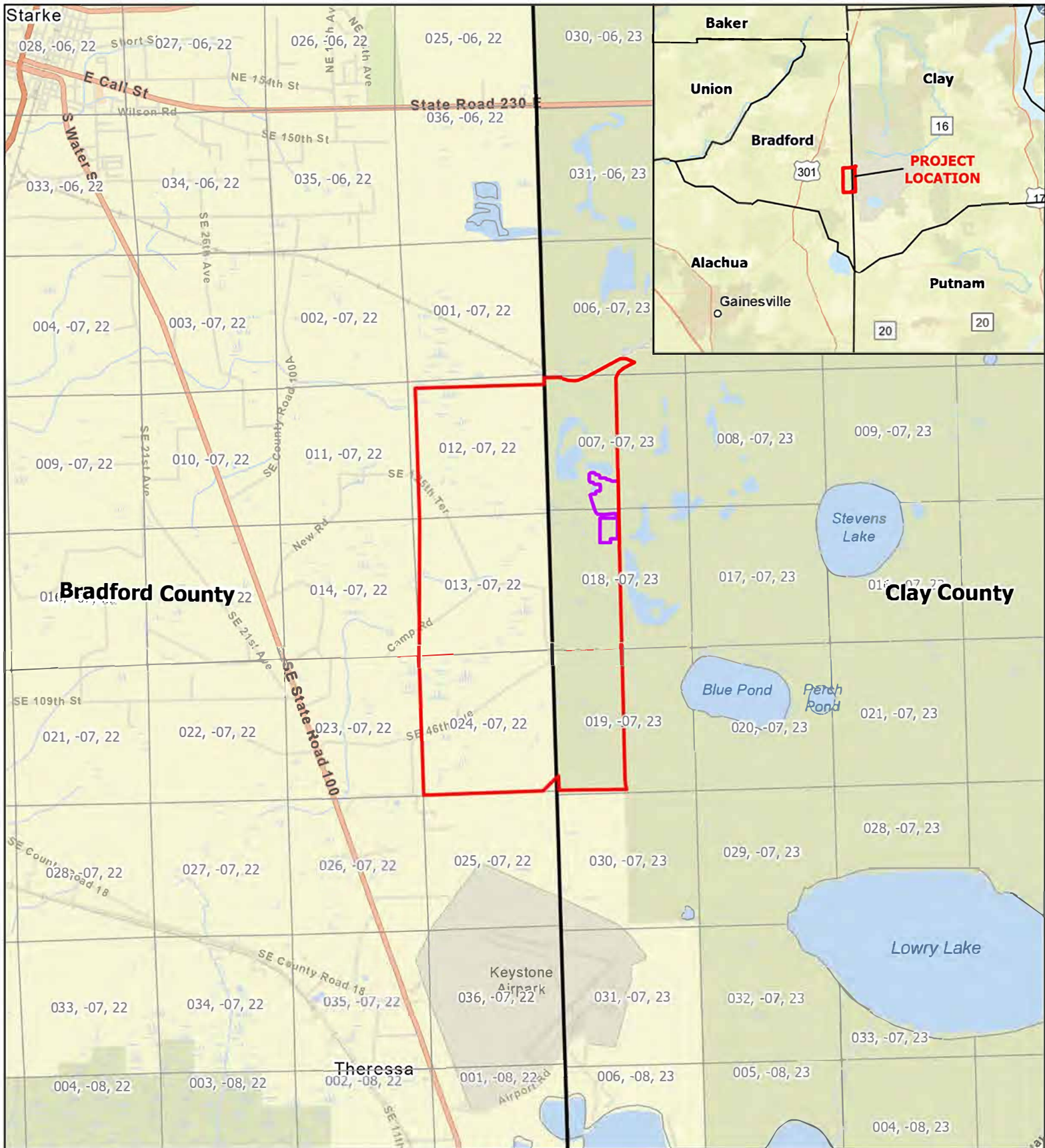


Figures



Legend

- Mine Permit Boundary (± 2,884.4 Ac.)
- Plant Site Boundary (± 44.1 Ac.)

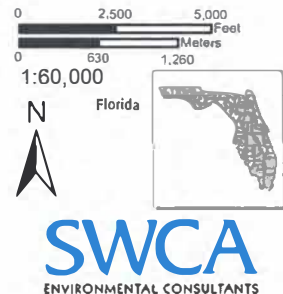
Figure 1: Location Map

**Trail Ridge South Mine
SWCA Project No. 93087**

The Chemours Company FC, LLC
(29° 53' 7.22" N, 82° 3' 2.40" W)

Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by
ESRI. Property boundary
provided by Chemours.



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Legend

 Mine Permit Boundary ($\pm$ 2,884.4 Ac.)

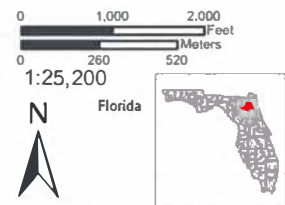
Figure 2: Aerial Map

**Trail Ridge South Mine
SWCA Project No. 93087**

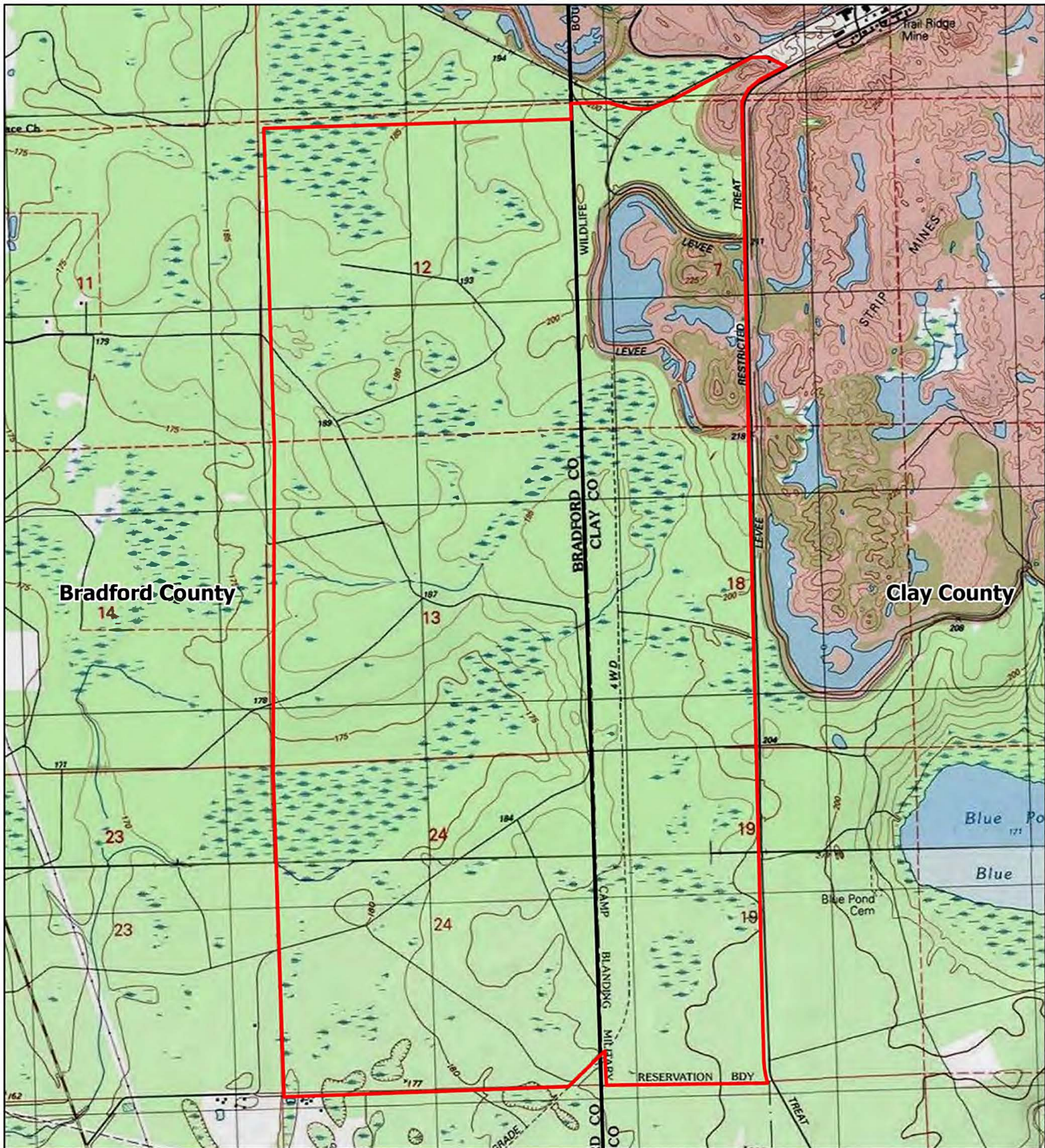
The Chemours Company FC, LLC
(29° 53' 7.22" N, 82° 3' 2.40" W)

Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by
ESRI. Property boundary
provided by Chemours.



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Legend

Mine Permit Boundary (± 2,884.4 Ac.)

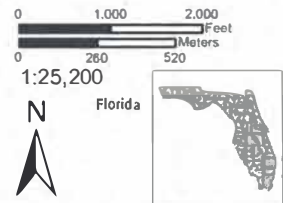
Figure 3: USGS Topographic Map

**Trail Ridge South Mine
SWCA Project No. 93087**

**The Chemours Company FC, LLC
(29° 53' 7.22" N, 82° 3' 2.40" W)**

Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by
ESRI. Property boundary
provided by Chemours.



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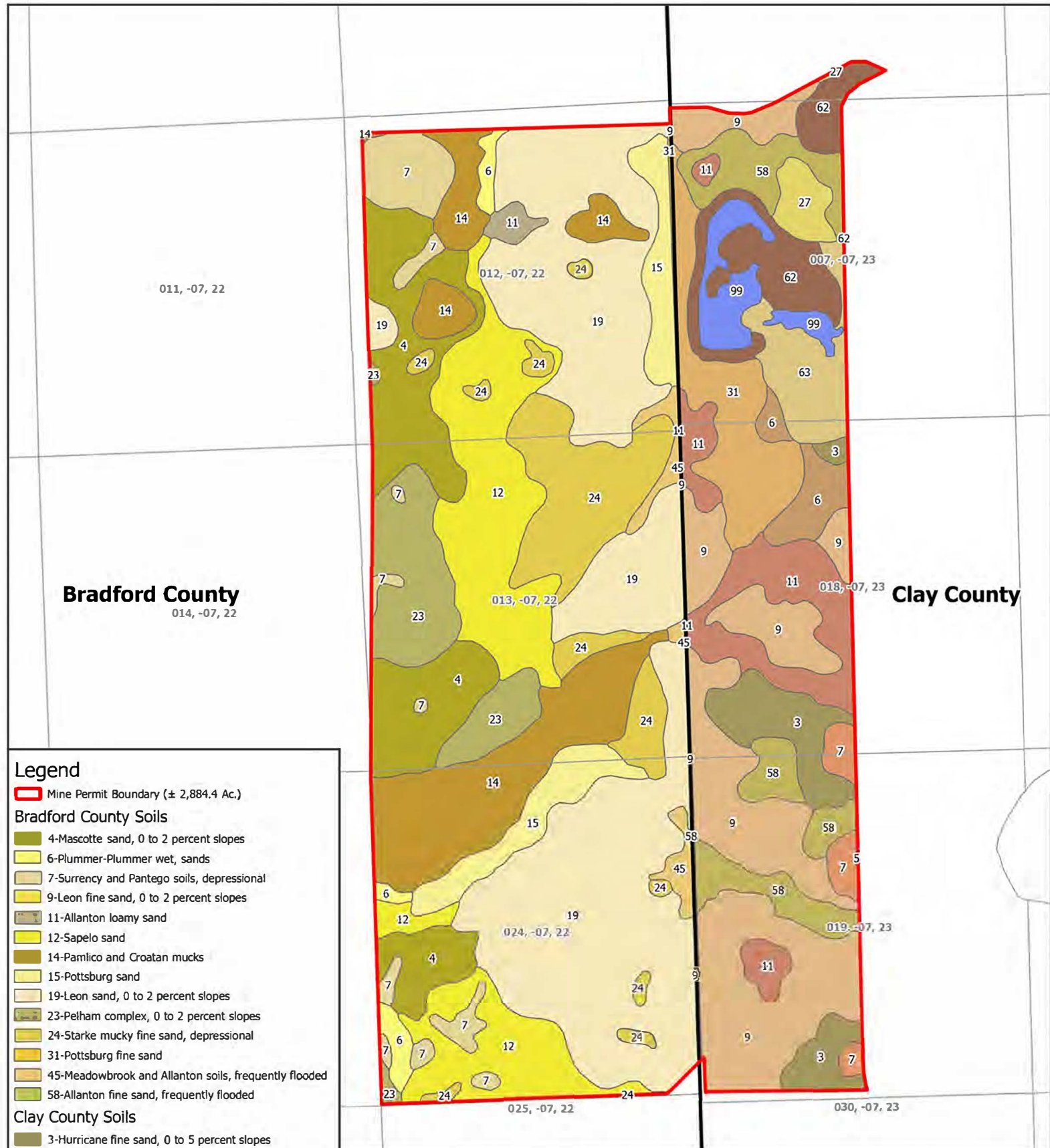


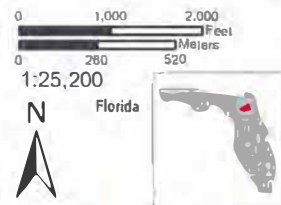
Figure 4: Soil Map

**Trail Ridge South Mine
SWCA Project No. 93087**

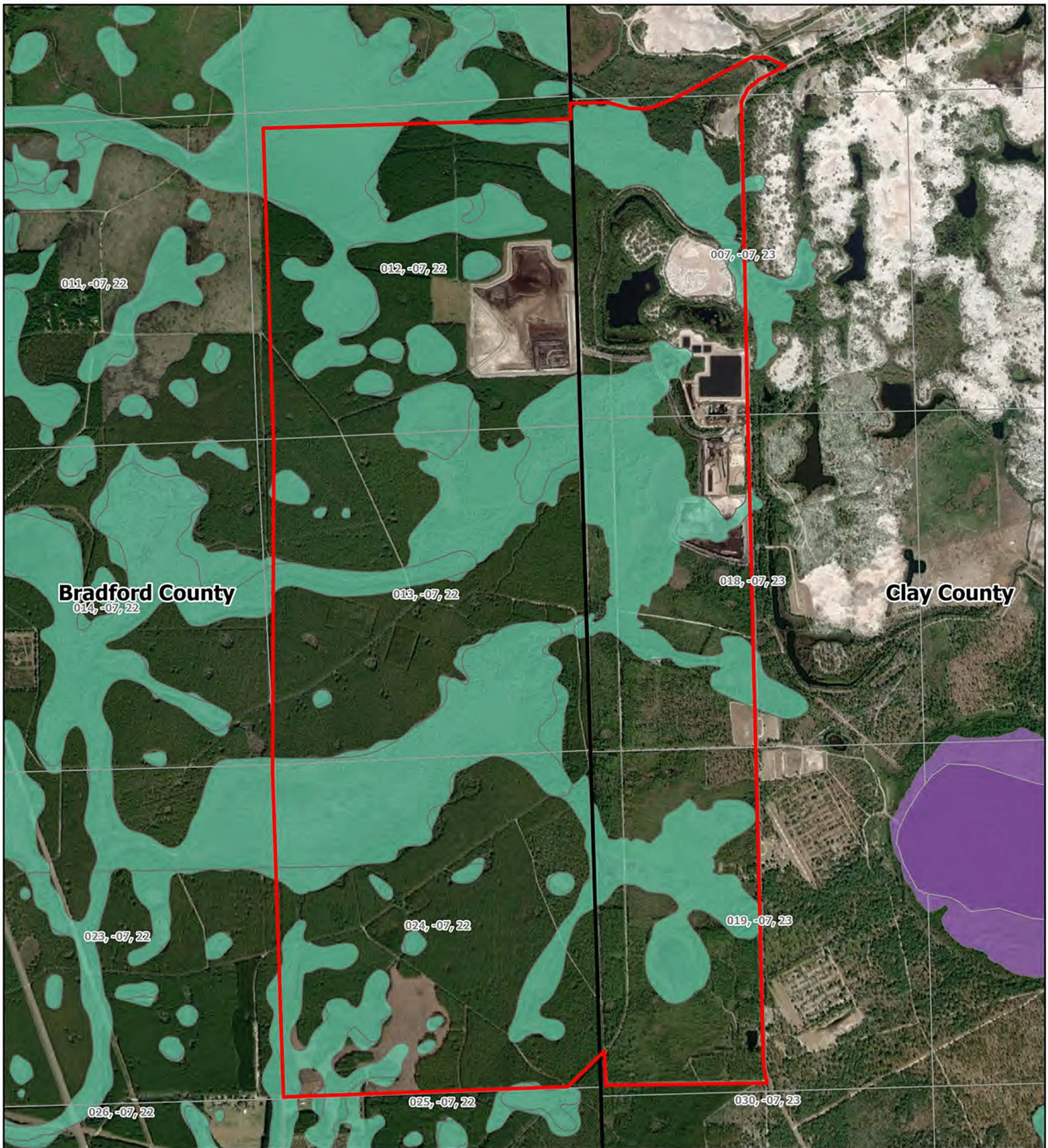
**The Chemours Company FC, LLC
(29° 53' 7.22" N, 82° 3' 2.40" W)**

Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by ESRI. Soil layer obtained from USDA NRCS Web Soil Survey. Property boundary provided by Chemours.



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Legend

Mine Permit Boundary ($\pm$ 2,884.4 Ac.)

Flood Zone

- A - 1% Annual Chance of Flood Hazard
- AE - Floodway

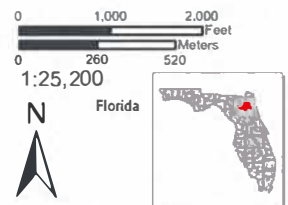
Figure 5: FEMA Floodplain Map

**Trail Ridge South Mine
SWCA Project No. 93087**

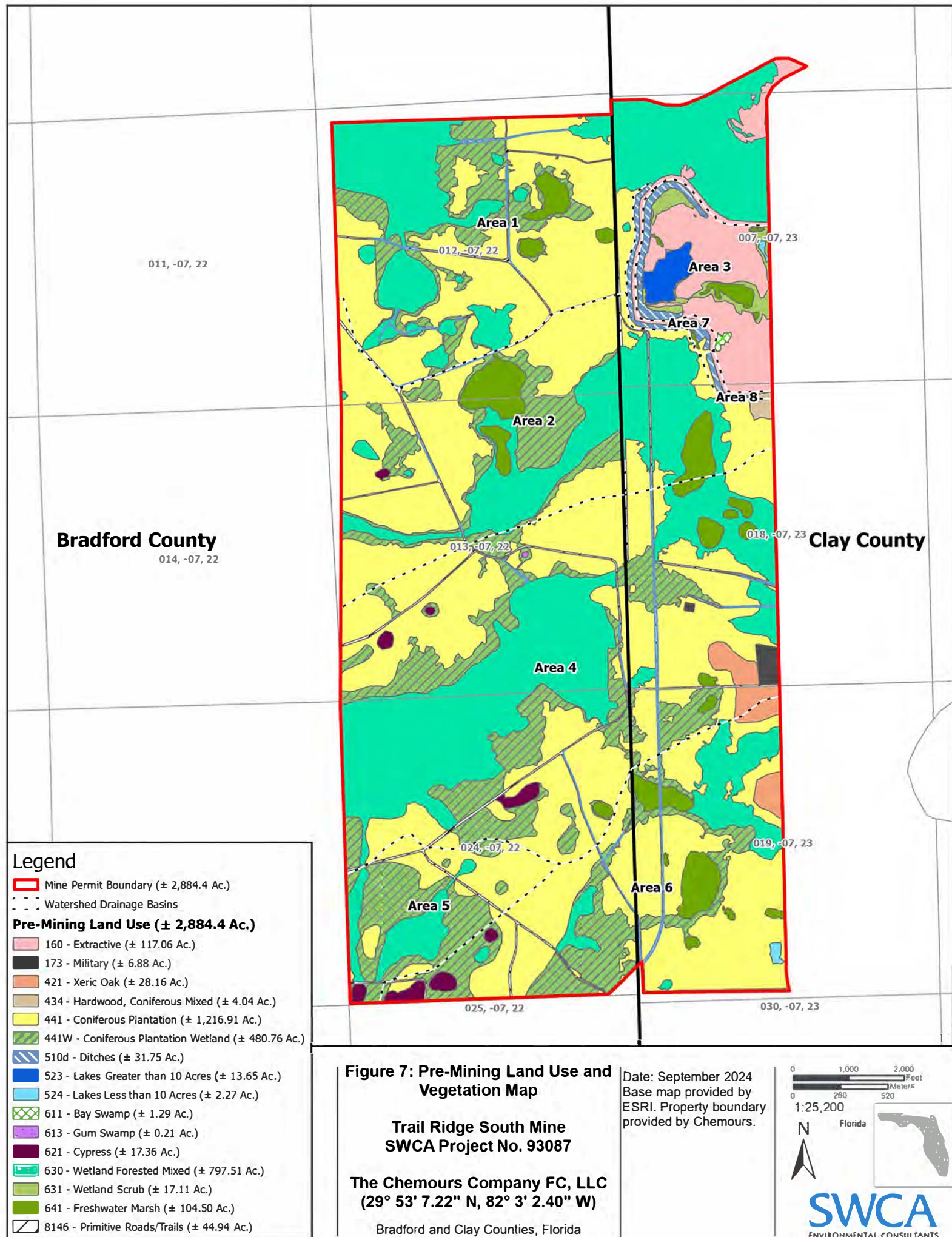
**The Chemours Company FC, LLC
(29° 53' 7.22" N, 82° 3' 2.40" W)**

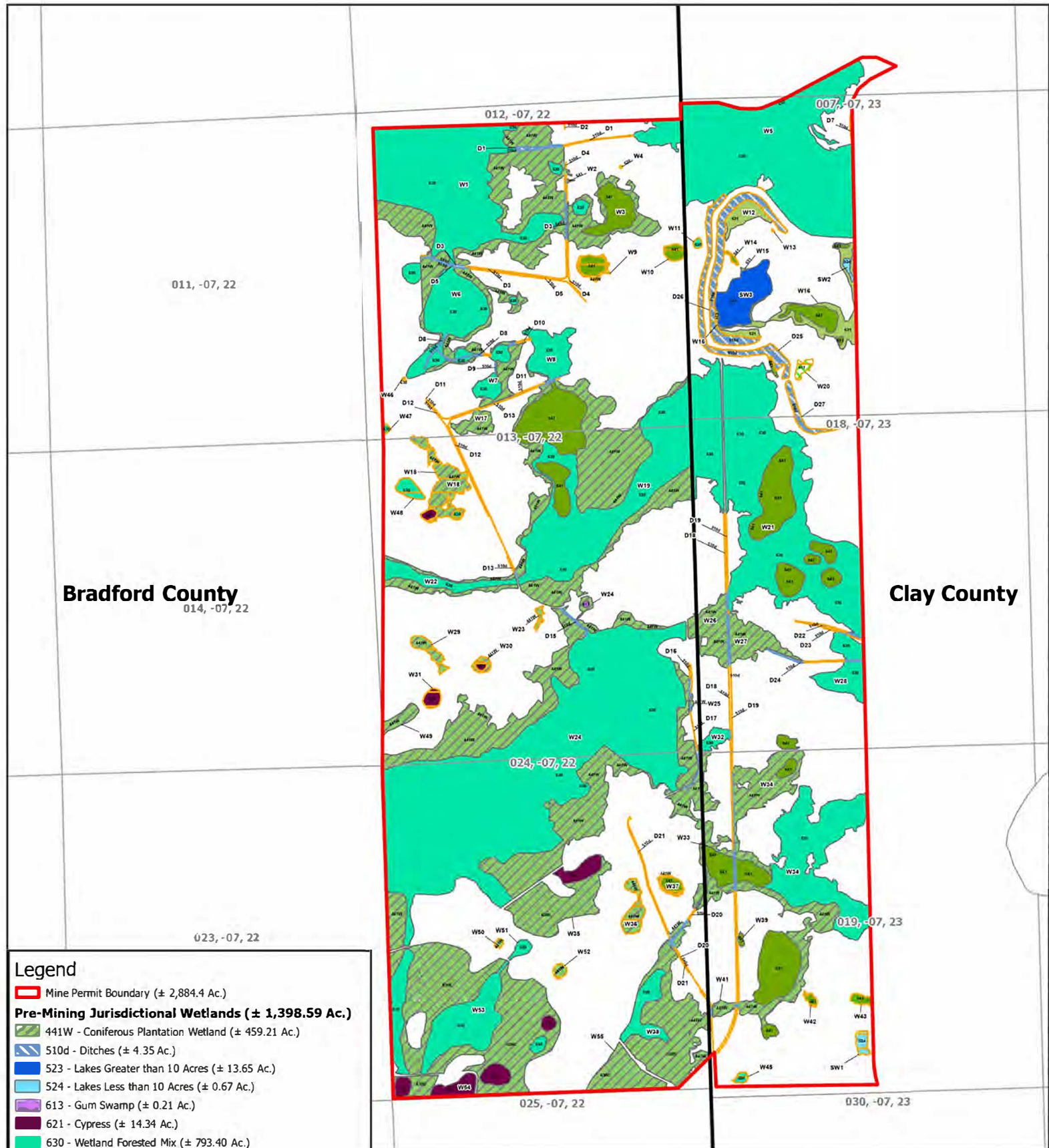
Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by ESRI. Flood zone layer obtained from FEMA - Flood Insurance Rate Map (FIRM) Panels 12007C, & 12019C. Property boundary provided by Chemours.



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Legend

- Mine Permit Boundary (± 2,884.4 Ac.)
- Pre-Mining Jurisdictional Wetlands (± 1,398.59 Ac.)**
 - 441W - Coniferous Plantation Wetland (± 459.21 Ac.)
 - 510d - Ditches (± 4.35 Ac.)
 - 523 - Lakes Greater than 10 Acres (± 13.65 Ac.)
 - 524 - Lakes Less than 10 Acres (± 0.67 Ac.)
 - 613 - Gum Swamp (± 0.21 Ac.)
 - 621 - Cypress (± 14.34 Ac.)
 - 630 - Wetland Forested Mix (± 793.40 Ac.)
 - 631 - Wetland Scrub (± 17.09 Ac.)
 - 641 - Freshwater Marsh (± 95.67 Ac.)
- Pre-Mining Non-Jurisdictional Wetlands (± 67.82 Ac.)**
 - 441W - Coniferous Plantation Wetland (± 21.55 Ac.)
 - 510d - Ditches (± 27.40 Ac.)
 - 524 - Lakes Less than 10 Acres (1.60 Ac.)
 - 611 - Bay Swamp (± 1.29 Ac.)
 - 621 - Cypress (± 3.02 Ac.)
 - 630 - Wetland Forested Mix (± 4.11 Ac.)
 - 631 - Wetland Scrub (± 0.02 Ac.)
 - 641 - Freshwater Marsh (± 8.83 Ac.)

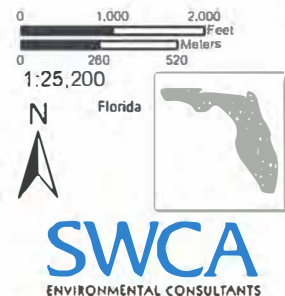
Figure 8: Pre-Mining Wetlands Map

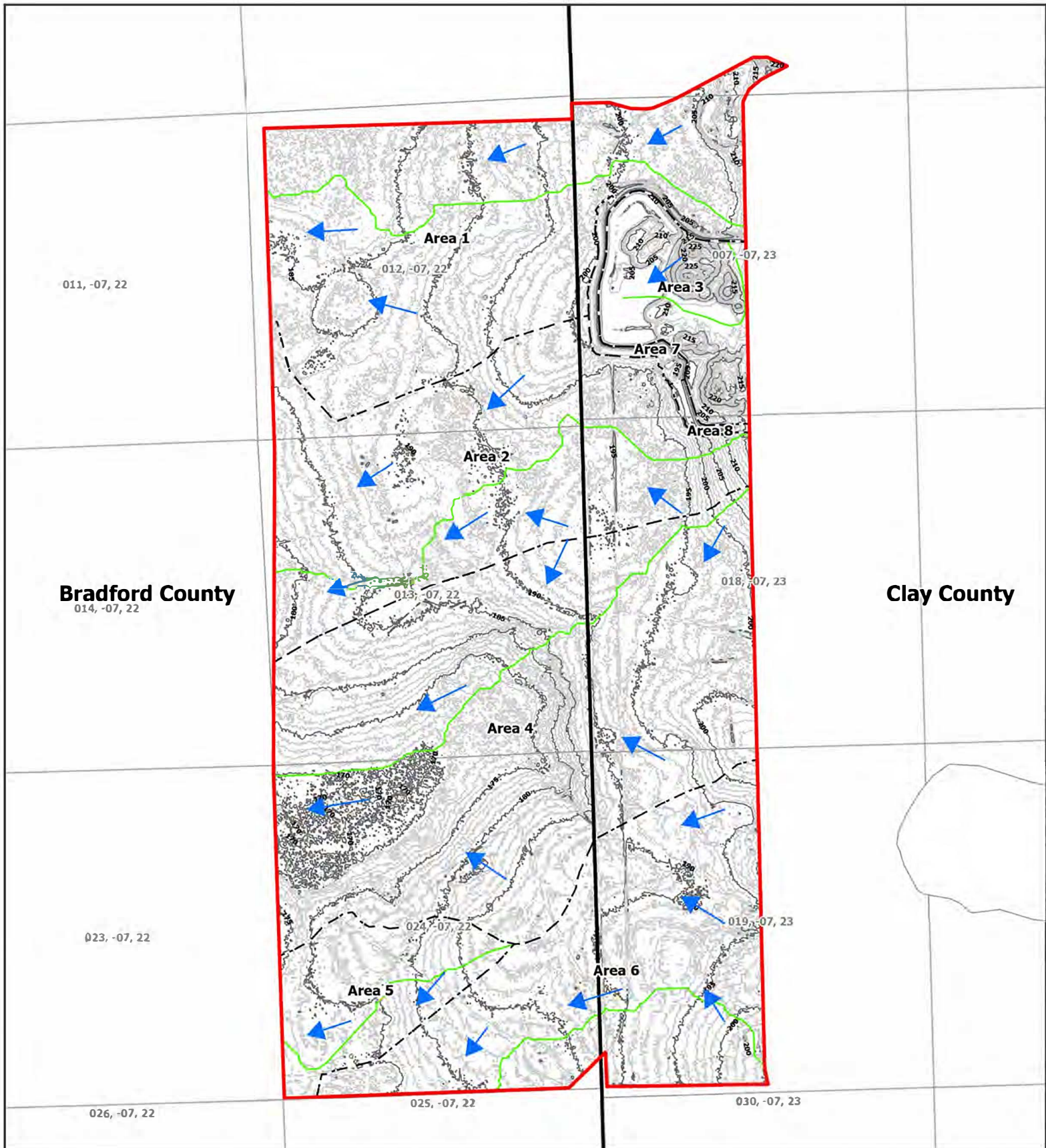
**Trail Ridge South Mine
SWCA Project No. 93087**

**The Chemours Company FC, LLC
(29° 53' 7.22" N, 82° 3' 2.40" W)**

Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by
ESRI. Property boundary
provided by Chemours.





Legend

- Mine Permit Boundary ($\pm 2,884.4$ Ac.)
- Watershed Drainage Basins
- Time of Concentration
- 5 Ft. Elevation Contours
- 1 Ft. Elevation Contours
- Flow Directions

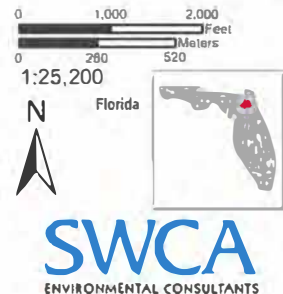
Figure 9: Pre-Mining Topography and Drainage Basins Map

**Trail Ridge South Mine
SWCA Project No. 93087**

The Chemours Company FC, LLC
($29^{\circ} 53' 7.22''$ N, $82^{\circ} 3' 2.40''$ W)

Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by ESRI. Property boundary provided by Chemours. LIDAR data obtained from Southern Resource Mapping, Inc. Date: 2011 and 2012.



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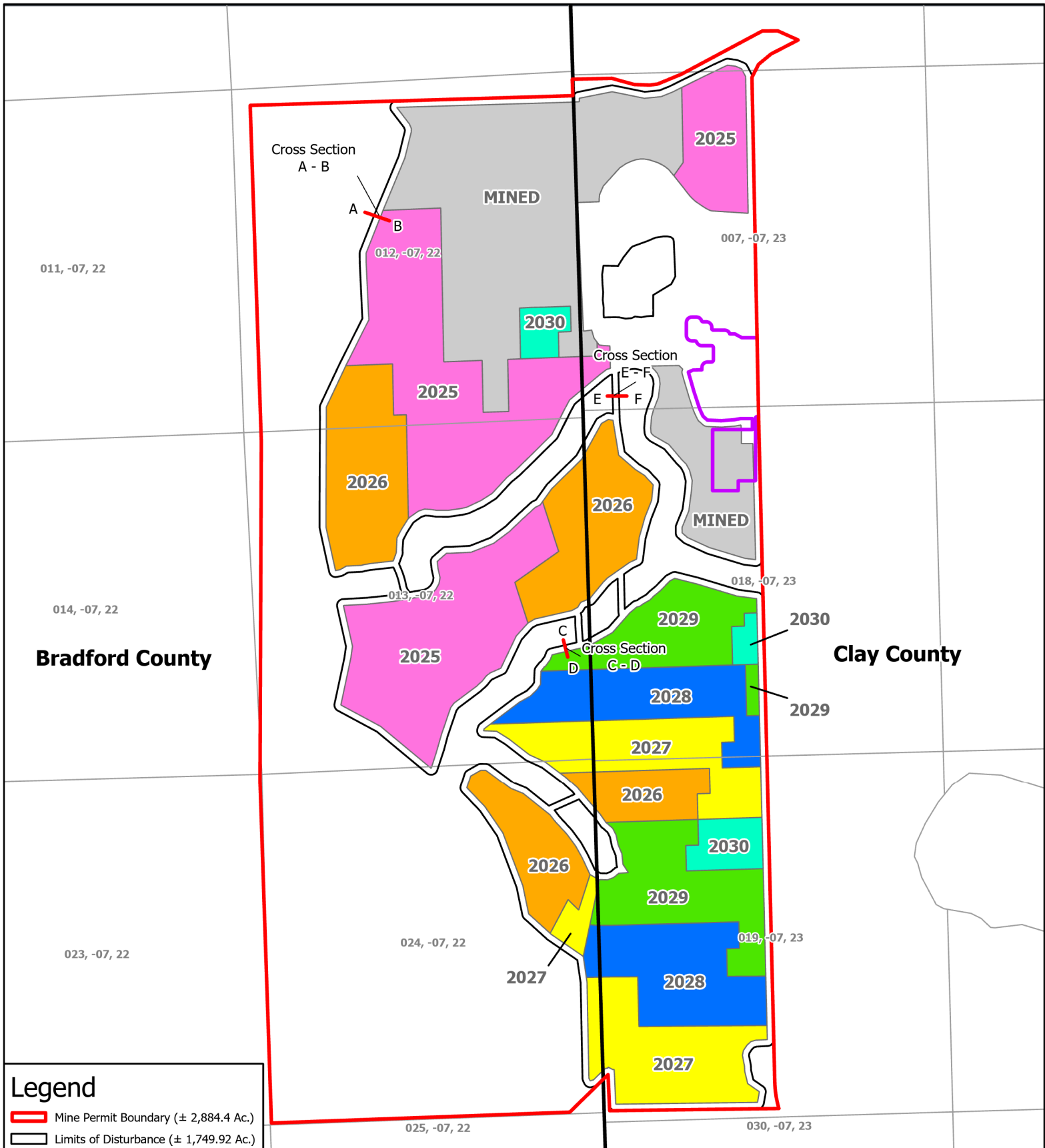


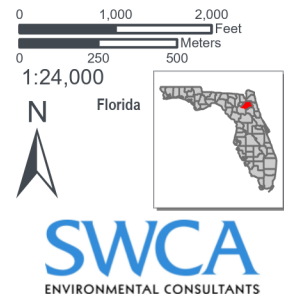
Figure 10: Mine Plan Map

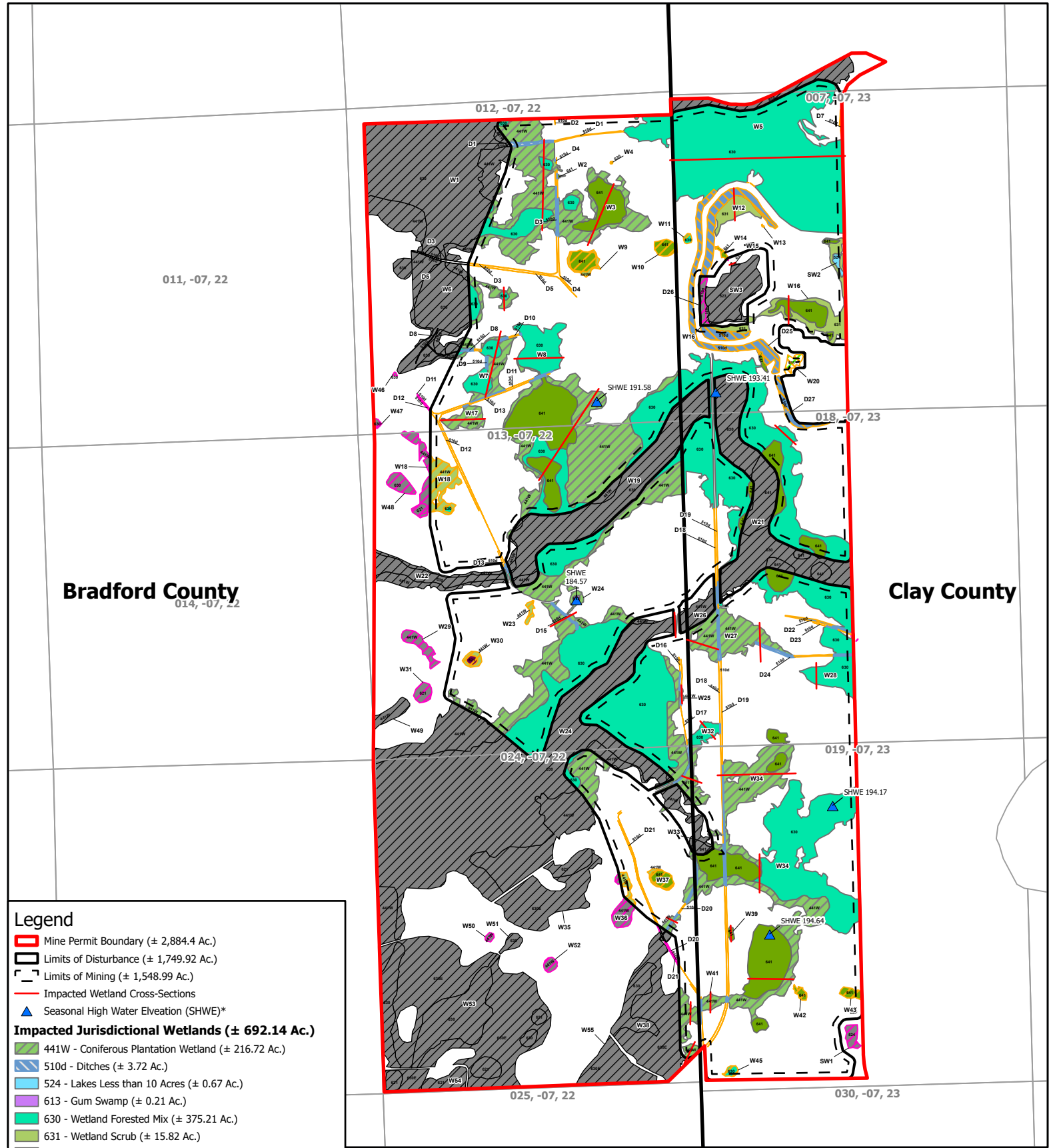
Trail Ridge South Mine
SWCA Project No. 93087

The Chemours Company FC, LLC
(25°53'7.22"N, 82° 3'2.40"W)

Bradford and Clay Counties, Florida

Date: December 2024
Property boundary
provided by Chemours.





- Legend**
- Mine Permit Boundary ($\pm 2,884.4$ Ac.)
 - Limits of Disturbance ($\pm 1,749.92$ Ac.)
 - Limits of Mining ($\pm 1,548.99$ Ac.)
 - Impacted Wetland Cross-Sections
 - Seasonal High Water Elevation (SHWE)*
 - Impacted Jurisdictional Wetlands (± 692.14 Ac.)**
 - 441W - Coniferous Plantation Wetland (± 216.72 Ac.)
 - 510d - Ditches (± 3.72 Ac.)
 - 524 - Lakes Less than 10 Acres (± 0.67 Ac.)
 - 613 - Gum Swamp (± 0.21 Ac.)
 - 630 - Wetland Forested Mix (± 375.21 Ac.)
 - 631 - Wetland Scrub (± 15.82 Ac.)
 - 641 - Freshwater Marsh (± 79.79 Ac.)
 - Impacted Non-Jurisdictional Wetlands (± 48.31 Ac.)**
 - 441W - Coniferous Plantation Wetland (± 10.81 Ac.)
 - 510d - Ditch (± 25.47 Ac.)
 - 611 - Bay Swamp (± 1.29 Ac.)
 - 621 - Cypress (± 0.51 Ac.)
 - 630 - Wetland Forested Mix (± 1.39 Ac.)
 - 631 - Wetland Scrub (± 0.02 Ac.)
 - 641 - Freshwater Marsh (± 8.82 Ac.)
 - Undisturbed Wetlands (± 725.96 Ac.)**
 - Undisturbed Jurisdictional Wetlands (± 706.45 Ac.)
 - Undisturbed Non-Jurisdictional Wetlands (± 19.51 Ac.)

Figure 11: Wetland Impact Map

**Trail Ridge South Mine
SWCA Project No. 93087**

The Chemours Company FC, LLC
($29^{\circ} 53' 7.22''$ N, $82^{\circ} 3' 2.40''$ W)

Bradford and Clay Counties, Florida

Date: November 2024
Base map provided by ESRI. Property boundary provided by Chemours.

0 1,000 2,000 Feet
0 260 520 Meters
1:25,200
N
Florida

SWCA
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011, -07, 22

Bradford County

024, -07, 22

023, -07, 22

Legend

 Mine Permit Boundary ($\pm 2,884.4$ Ac.)

 Watershed Drainage Basins

Reclamation Areas Land Use ($\pm 1,779.98$ Ac.)

 411-Pine Flatwoods (± 955.36 Ac.)

 434-Hardwood, Coniferous Mixed (± 106.92 Ac.)

 524-Lakes Less than 10 Acres (± 0.98 Ac.)

 611-Bay Swamp (± 1.29 Ac.)

 613-Gum Swamp (± 0.21 Ac.)

 621-Cypress (± 0.51 Ac.)

 630-Wetland Forested Mixed (± 619.96 Ac.)

 641-Freshwater Marsh (± 88.62 Ac.)

 8145-Graded and Drained (± 5.06 Ac.)

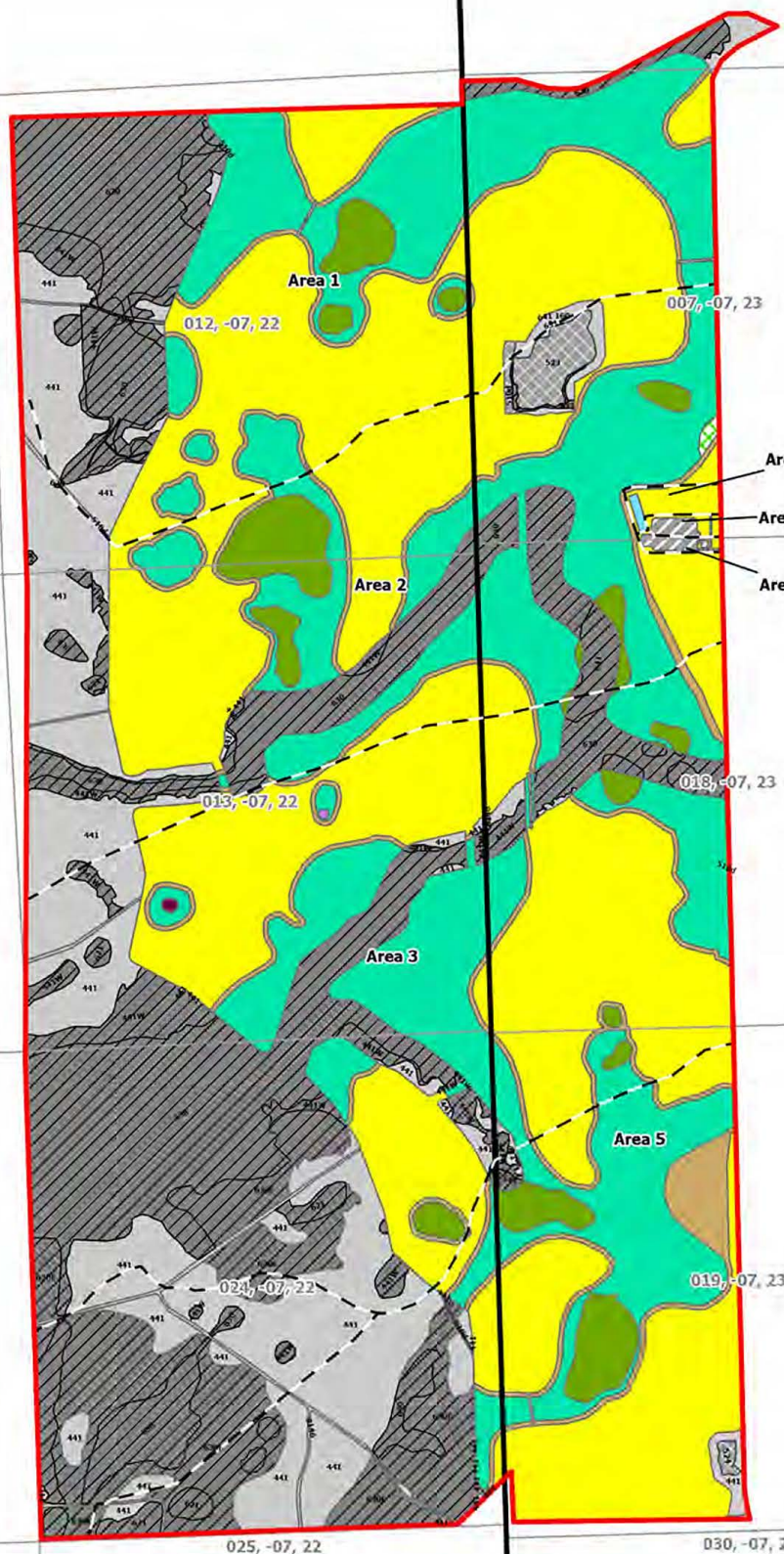
 8146-Primitive Roads/Trails (± 1.07 Ac.)

Undisturbed Areas ($\pm 1,104.42$ Ac.)

 Undisturbed Wetlands (± 708.15 Ac.)

 Undisturbed Surface Water (± 17.81 Ac.)

 Undisturbed Uplands (± 378.46 Ac.)



Area 6A

Area 6B

Area 6C

Clay County

Figure 13: Post-Mining Land Use and Vegetation Map

**Trail Ridge South Mine
SWCA Project No. 93087**

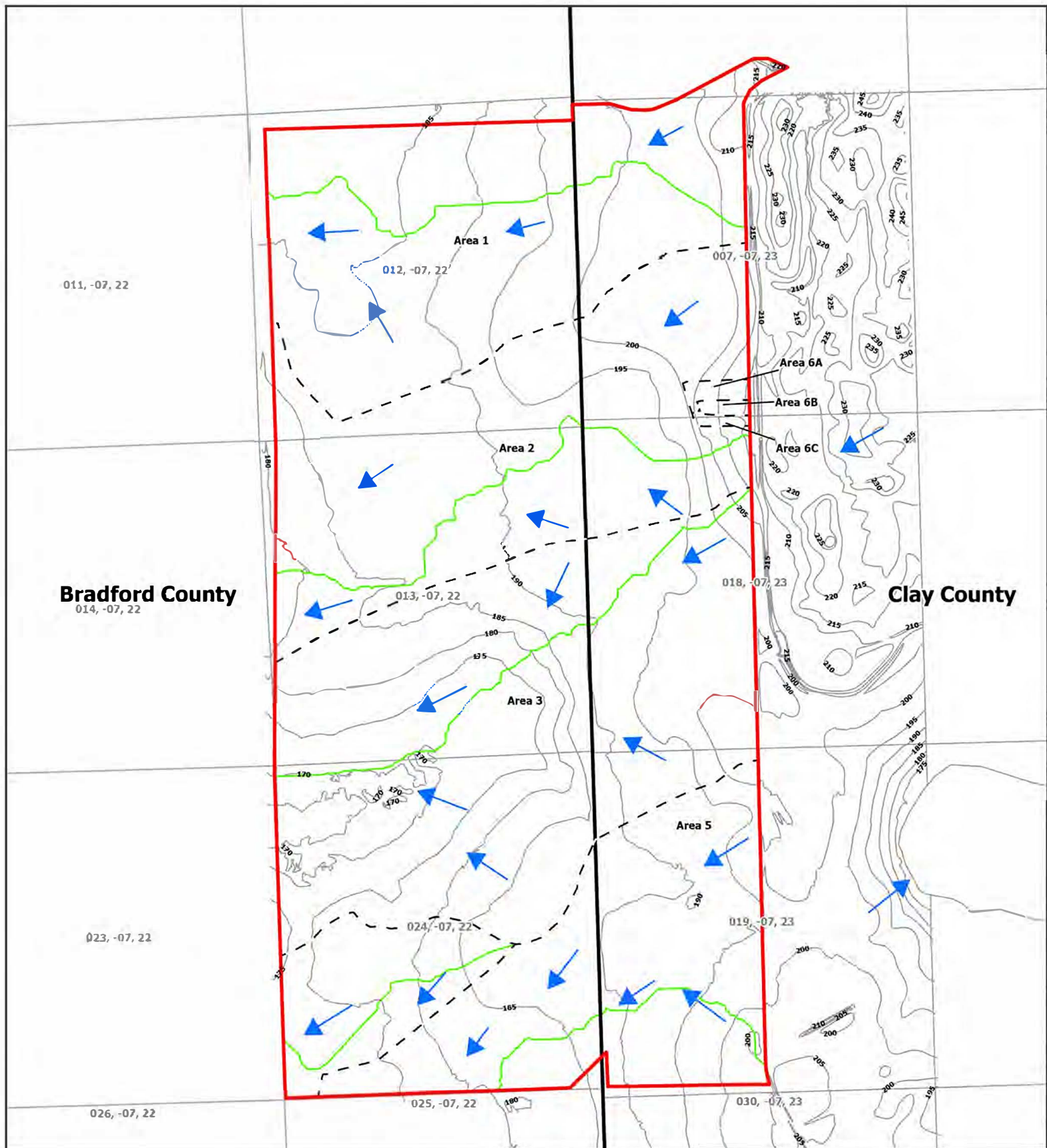
**The Chemours Company FC, LLC
(29° 53' 7.22" N, 82° 3' 2.40" W)**

Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by
ESRI. Property boundary
provided by Chemours.



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Legend

- Mine Permit Boundary (± 2,884.4 Ac.)
- Watershed Drainage Basins
- Time of Concentration
- 5 Ft. Elevation Contours
- ➔ Flow Directions

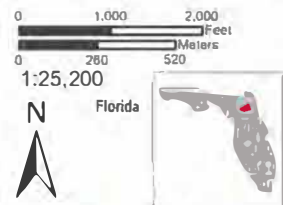
Figure 14: Post-Mining Topography and Drainage Basins Map

**Trail Ridge South Mine
SWCA Project No. 93087**

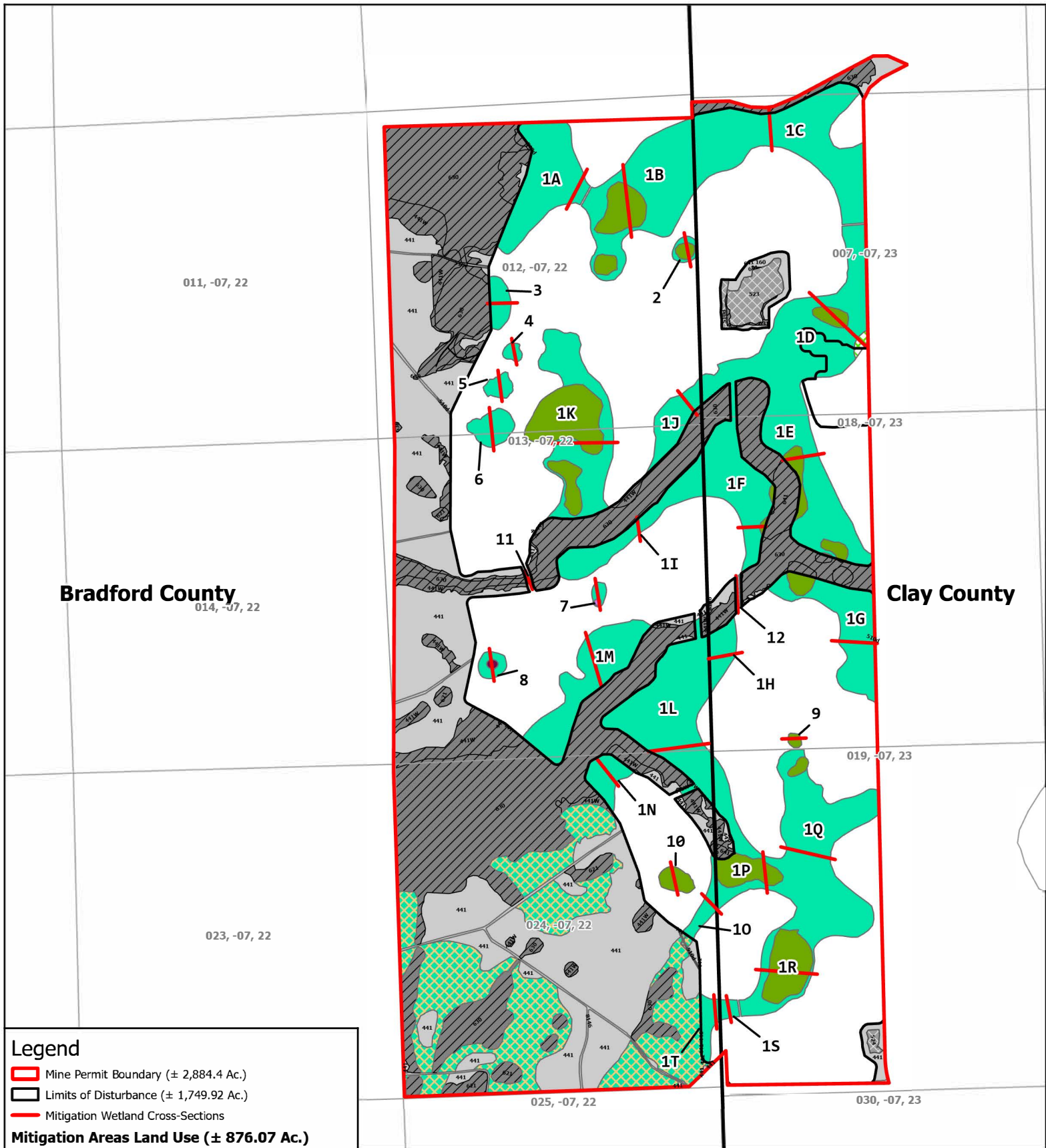
**The Chemours Company FC, LLC
(29° 53' 7.22" N, 82° 3' 2.40" W)**

Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by ESRI. Property boundary provided by Chemours. LIDAR data obtained from Southern Resource Mapping, Inc. Date: 2011 and 2012.



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Legend

- Mine Permit Boundary ($\pm 2,884.4$ Ac.)
- Limits of Disturbance ($\pm 1,749.92$ Ac.)
- Mitigation Wetland Cross-Sections

Mitigation Areas Land Use (± 876.07 Ac.)

- 611-Bay Swamp (± 1.29 Ac.)
- 613-Gum Swamp (± 0.21 Ac.)
- 621-Cypress (± 0.51 Ac.)
- 630-Wetland Forested Mixed (± 619.96 Ac.)
- 630E - Wetland Forested Mixed, Enhanced (± 165.48 Ac.)
- 641-Freshwater Marsh (± 88.62 Ac.)

Undisturbed Areas (± 938.94 Ac.)

- Undisturbed Wetlands (± 542.67 Ac.)
- Undisturbed Surface Water (± 17.81 Ac.)
- Undisturbed Uplands (± 378.46 Ac.)

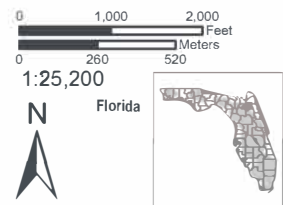
Figure 15: Wetland Mitigation Map

**Trail Ridge South Mine
SWCA Project No. 93087**

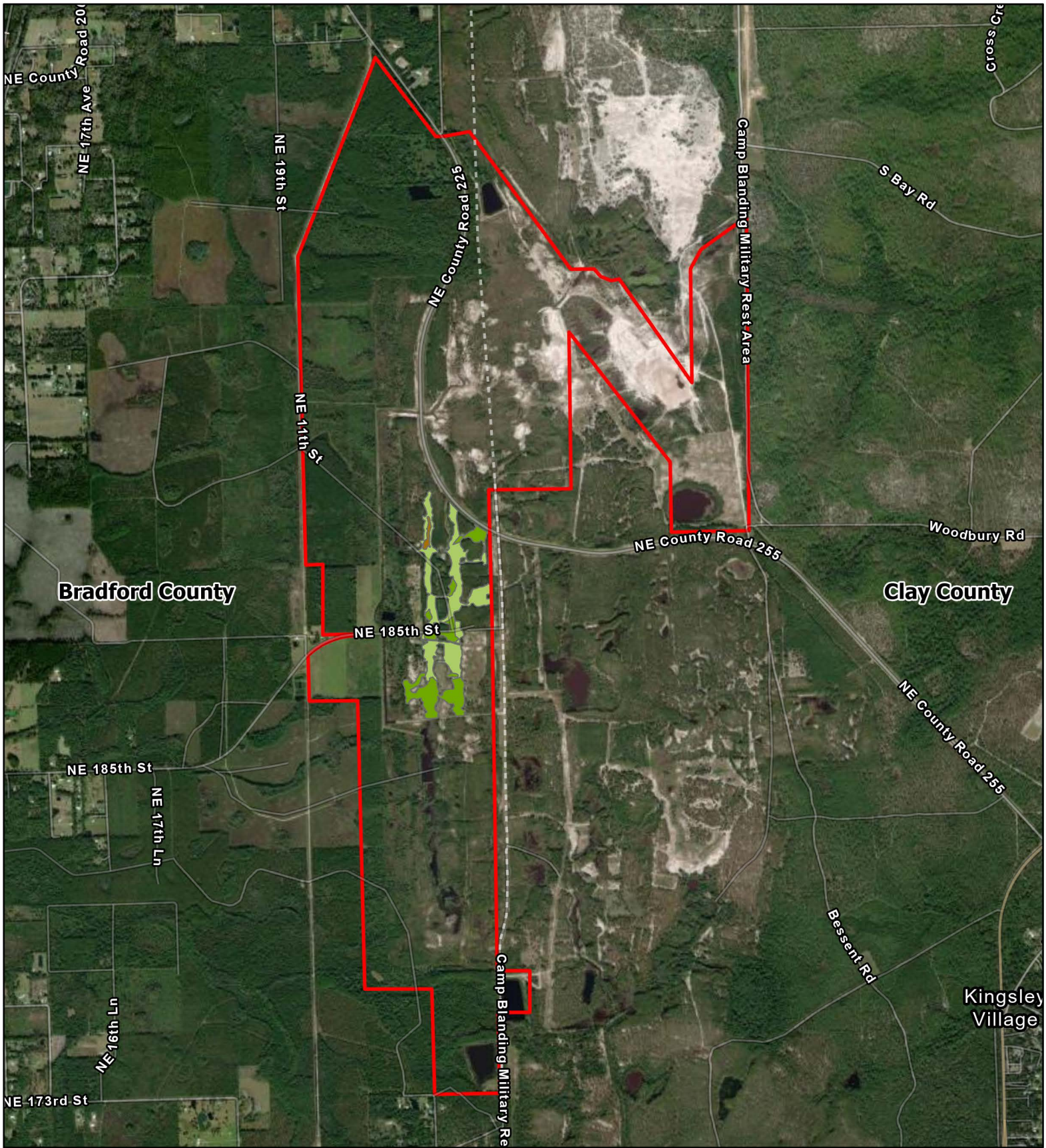
The Chemours Company FC, LLC
($29^{\circ} 53' 7.22''$ N, $82^{\circ} 3' 2.40''$ W)

Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by ESRI. Property boundary provided by Chemours.



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Legend

Florida Mine - Trail Ridge Boundary (± 1,937.0 Ac.)

Offsite Mitigation (± 53.96 Ac.)

- 631 - Wetland Shrub (± 33.21 Ac.)
- 641 - Freshwater Marsh (± 19.74 Ac.)
- 643 - Wet Prairie (± 1.01 Ac.)

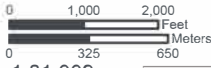
Figure 17: Offsite Permittee Responsible Mitigation Map

**Trail Ridge South Mine
SWCA Project No. 93087**

The Chemours Company FC, LLC
(29° 53' 7.22" N, 82° 3' 2.40" W)

Bradford and Clay Counties, Florida

Date: September 2024
Base map provided by ESRI. Property boundary provided by Chemours.



1:31,009



Florida



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