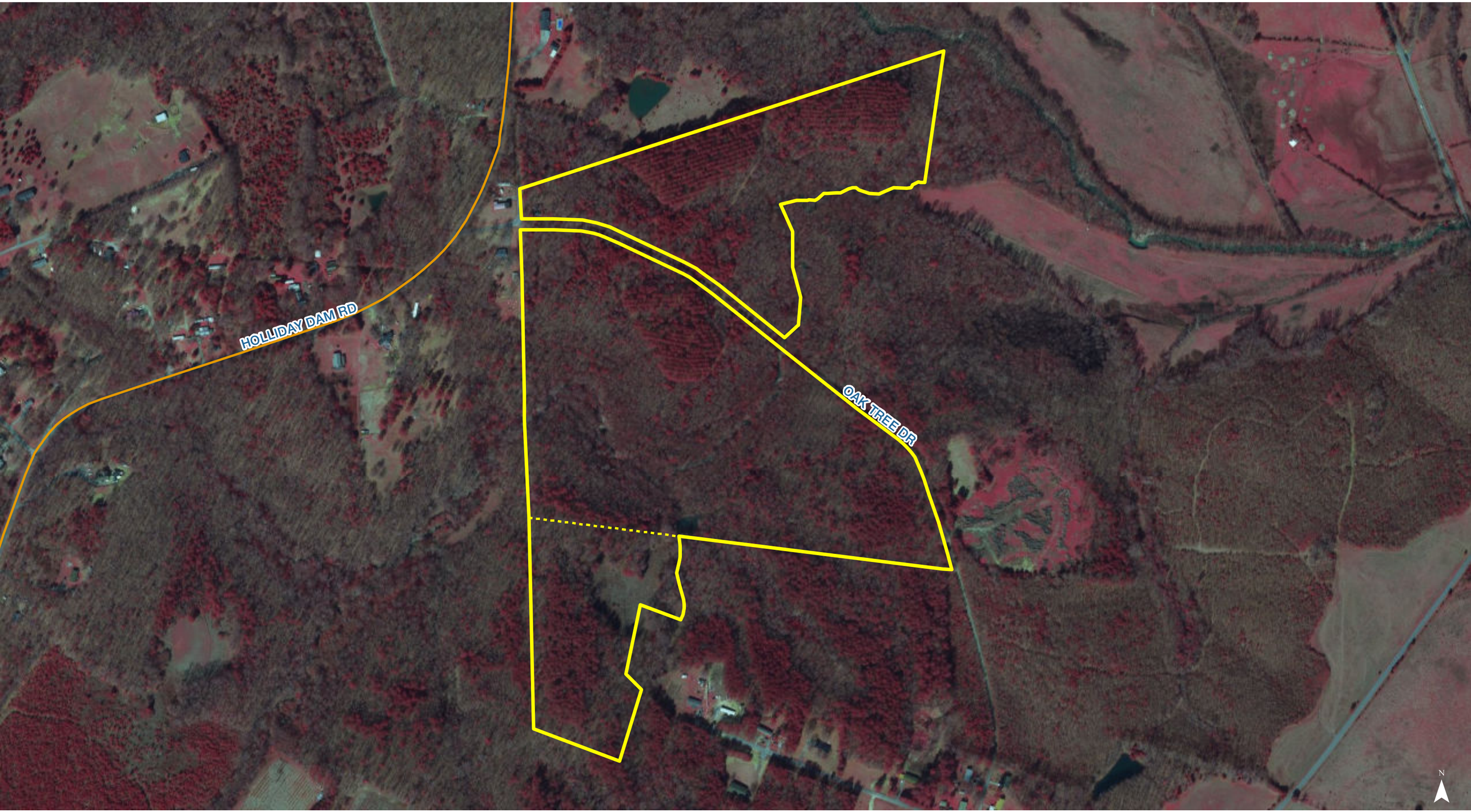
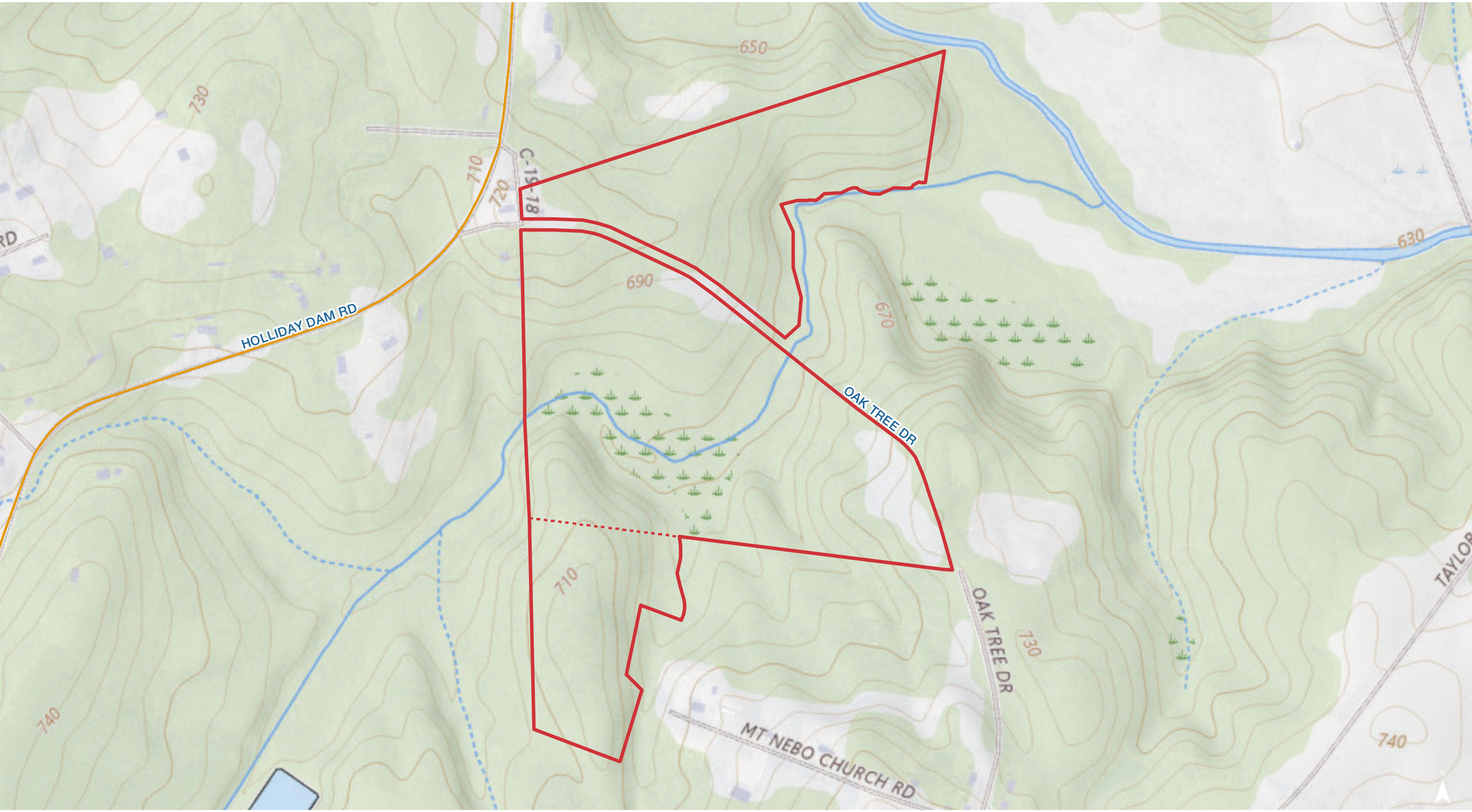
Location

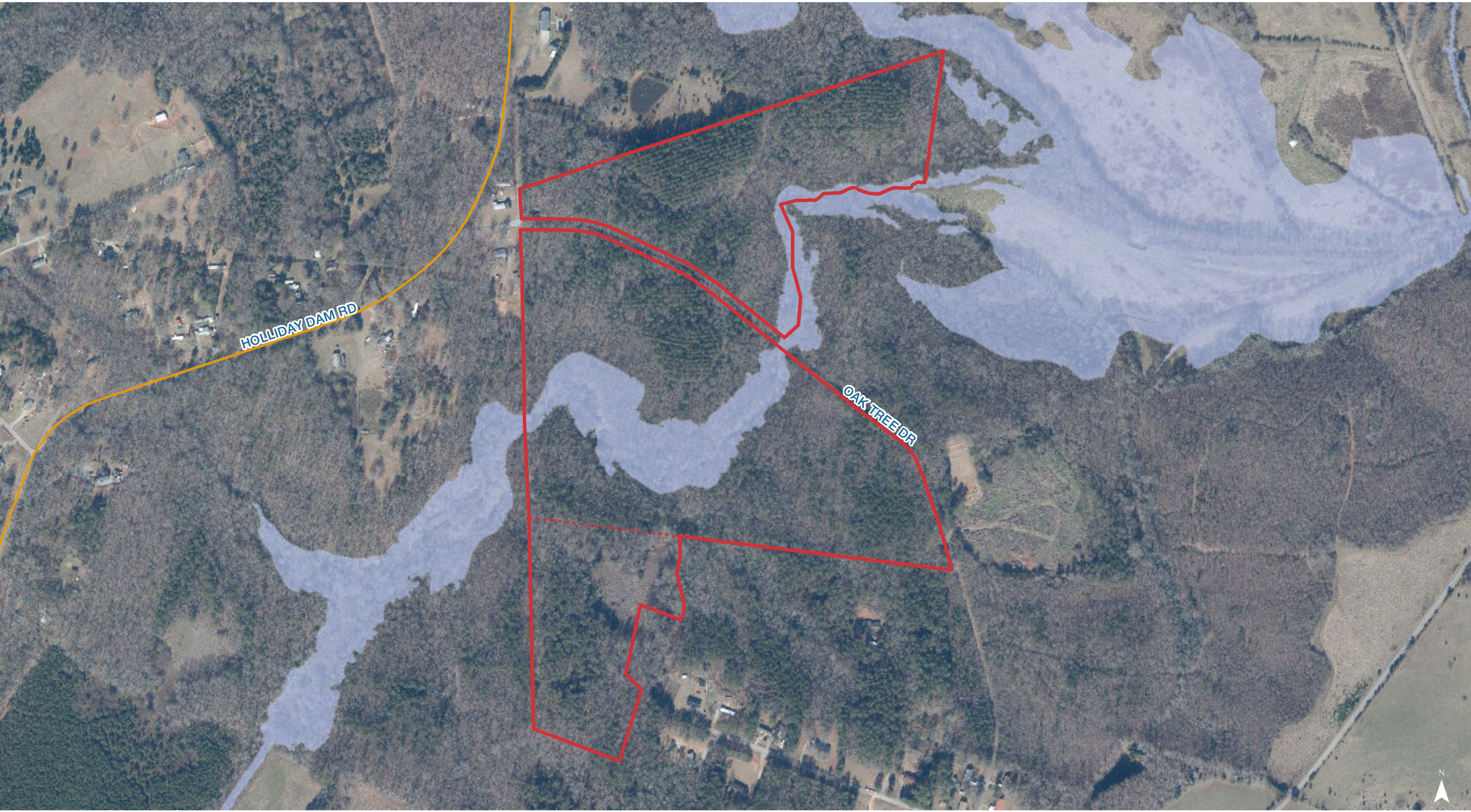
Aerial

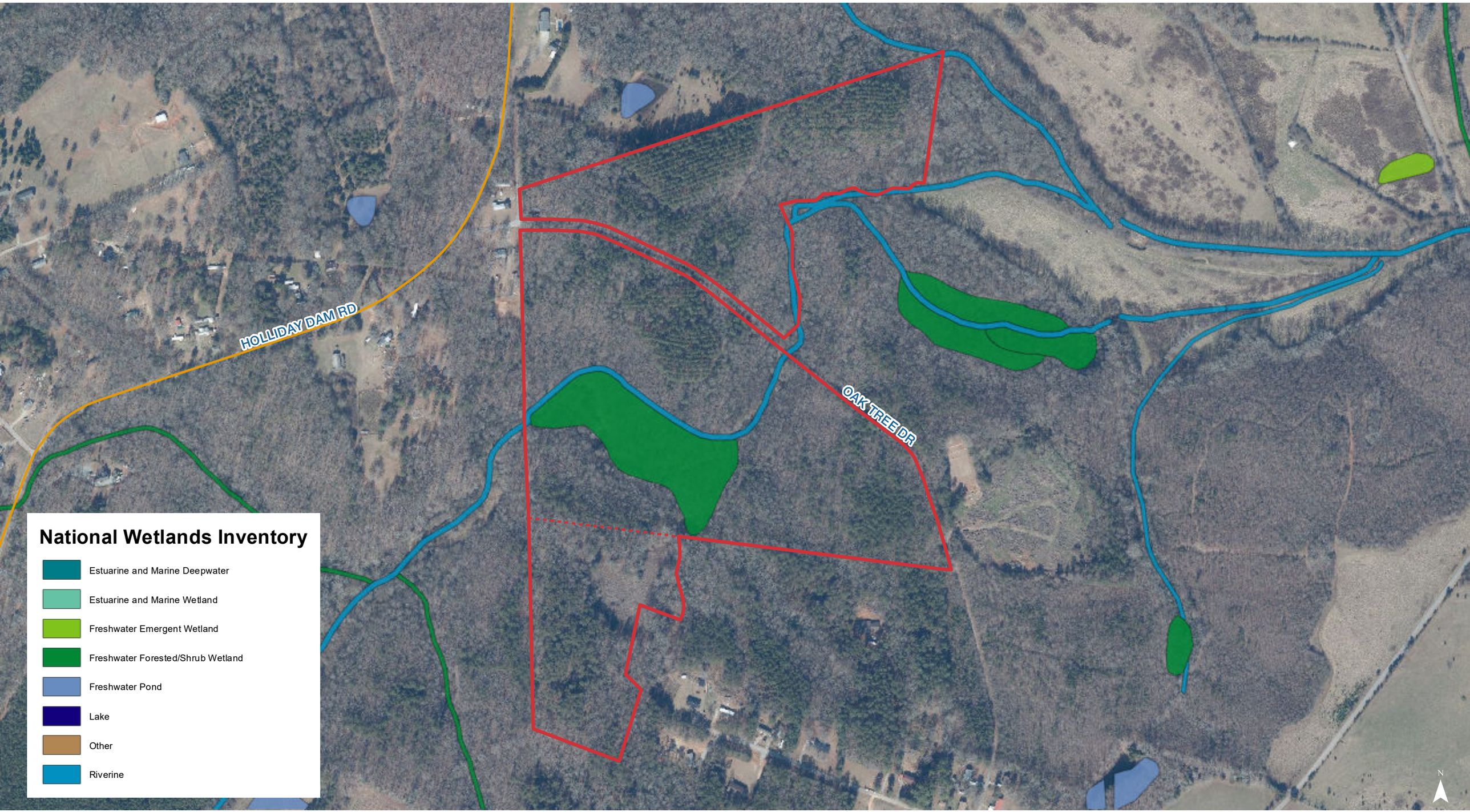


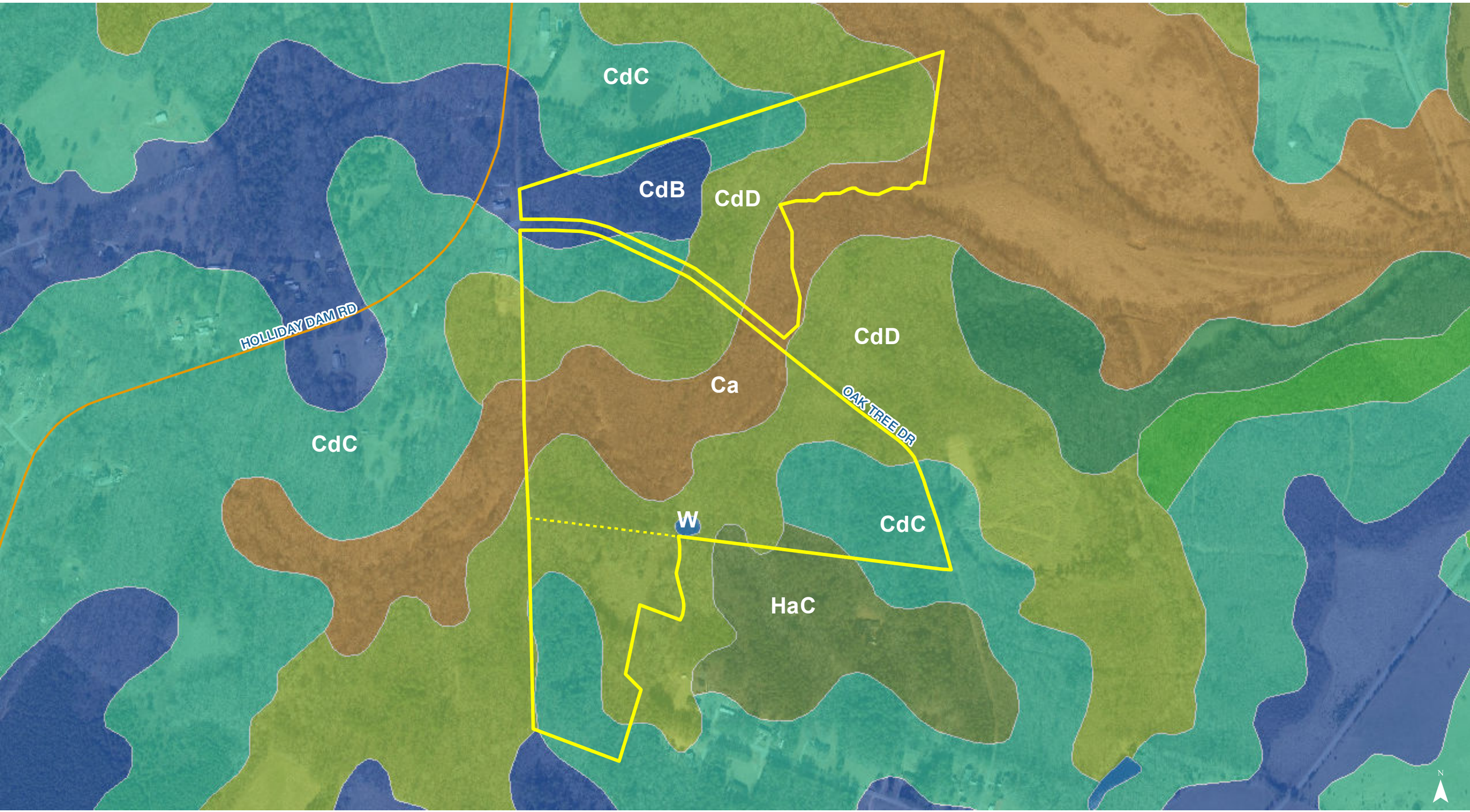
Topographical Map



Flood Zones







Map Unit Description (Brief, Generated)

Anderson County, South Carolina

[Minor map unit components are excluded from this report]

Map unit: Ca - Cartecay-Chewacla complex

Component: Cartecay (60%)

The Cartecay component makes up 60 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains on piedmonts. The parent material consists of loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April. Organic matter content in the surface horizon is about 2 percent. This component is in the F136XY610GA Flood plain forest, wet ecological site. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Component: Chewacla (35%)

The Chewacla component makes up 35 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, piedmonts. The parent material consists of loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 3 percent. This component is in the F136XY610GA Flood plain forest, wet ecological site. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Map unit: CdB - Cecil sandy loam, 2 to 6 percent slopes

Component: Cecil (95%)

The Cecil component makes up 95 percent of the map unit. Slopes are 2 to 6 percent. This component is on interfluves on southern piedmonts. The parent material consists of residuum weathered from gneiss and/or granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Map unit: CdC - Cecil sandy loam, 6 to 10 percent slopes

Component: Cecil (88%)

The Cecil component makes up 88 percent of the map unit. Slopes are 6 to 10 percent. This component is on interfluves on southern piedmonts. The parent material consists of residuum weathered from granite and/or residuum weathered from gneiss. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Anderson County, South Carolina

[Minor map unit components are excluded from this report]

Map unit: CdD - Cecil-Cataula complex, 10 to 15 percent slopes, moderately eroded

Component: Cecil, moderately eroded (65%)

The Cecil, moderately eroded component makes up 65 percent of the map unit. Slopes are 10 to 15 percent. This component is on interfluves on southern piedmonts. The parent material consists of residuum weathered from granite and/or residuum weathered from gneiss. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Cataula, moderately eroded (25%)

The Cataula, moderately eroded component makes up 25 percent of the map unit. Slopes are 10 to 15 percent. This component is on interfluves on southern piedmonts. The parent material consists of residuum weathered from granite and/or residuum weathered from gneiss. Depth to a root restrictive layer, fragipan, is 20 to 43 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 33 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY810SC Acidic upland forest, seasonally wet ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Map unit: HaC - Hiwassee sandy loam, 6 to 10 percent slopes

Component: Hiwassee (100%)

The Hiwassee component makes up 100 percent of the map unit. Slopes are 6 to 10 percent. This component is on interfluves on piedmonts. The parent material consists of clayey residuum weathered from hornblende gneiss and diorite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Map unit: W - Water

Component: Water (100%)

Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Map Unit Description (Brief, Generated)