



NATURAL FEATURES INVENTORY APPLICATION FORM & CHECKLIST

Project Information

Project Name: _____

Total Acreage of Property: _____ Acreage of NFI Project Boundary: _____

Parcel Tax ID # (s): _____

Site Address or Location: _____

Does the site contain 100-year floodplain? ☐ Yes ☐ No 100-yr floodplain elevation: _____ 25-yr floodplain elevation: _____

Drainage Basin: ☐ Lake Jackson ☐ Lake Lafayette ☐ Lake Munson ☐ Other: _____

Closed Basin(s)¹: _____ ☐ N/A

¹ Closed basins are conservation areas; development within regulated closed basins must comply with the standards in TLDC 5-81(2)c and 5-86(e).

100-year storm event flood exclusion elevation (as applicable to closed basin): _____

Endangered, Threatened, or Species of Special Concern present: _____

Special Development Zone: ☐ Lake Jackson ☐ Lake Lafayette ☐ Fred George Basin
☐ Lake Iamonia ☐ Bradford Brook Chain-of-Lakes ☐ N/A

Canopy Road Protection Zone: ☐ Meridian ☐ Old St. Augustine ☐ Magnolia - Centerville
☐ Miccosukee ☐ Old Bainbridge ☐ N/A

Number of wells (monitor or supply) present on the property: _____

Predominant Soil Type(s): _____

Are regulated grades² present within the project boundary? _____

² Natural grades within 100' of wetlands, waterbodies, watercourses, floodways, floodplains, karst features, or special development zones; see TLDC 5-87.

Significant Grades (10 to 20%) Sq. Ft.: _____ Severe Grades (over 20%) Sq. Ft.: _____

Cultural resource review performed for the property: ☐ Desktop ☐ CRAS ☐ Other: _____

Provide Site ID for known archaeological or historical sites³ which are listed or recommended eligible for NRHP listing: _____

³ Significant archaeological and historical sites are preservation areas regulated per TLDC 5-81(1)e.

Conservation and Preservation Areas

Indicate which of the following conservation and preservation areas are present within the project site by providing the square footage of each area in the tables below. Features which are within 150' of the project site, but do not overlap, may be excluded from the tables but must be addressed in the narrative and depicted on the NFI map with their respective minimum natural buffers, as applicable. In some instances, the boundaries of natural features may overlap.

Preservation Areas	Sq. Ft.
Unaltered Wetlands	
Unaltered Waterbodies	
Unaltered Watercourses	
Unaltered 100-year Floodplain	
Floodway	
Native Forest	
Listed Species Habitat	

Conservation Areas	Sq. Ft.
Altered Wetlands	
Altered Waterbodies	
Altered Watercourses	
Altered 100-year Floodplain	
Karst Features	
High Quality Successional Forest	
Canopy Road Protection Zone	
Special Development Zone A	
Special Development Zone B	

NFI Application Checklist

Mark with an "X" to indicate items 1 through 7 have been addressed.

- ___ 1. This completed **Application Form**, including checklist.
- ___ 2. Executed **Affidavit of Ownership and Designation of Agent form(s)**.
- ___ 3. **NFI Narrative.** Provide a narrative description of the site and regulated areas within 150' of the project boundary. Include, at minimum:
- a) Description of the general environmental characteristics of the property, including any information about past activities which may have contributed to present day conditions. Summarize any known environmental investigations performed for the property.
 - b) Description of conservation and preservation areas including methods utilized to delineate identified features and survey dates.
 - c) Classification of vegetative communities and description of vegetation onsite. Note potential exceptional specimen trees or those with DBH of 36" or greater. List observed invasive species and provide estimated cover within conservation and preservation areas.
 - d) Discussion of protected flora and fauna observed or anticipated to occur on the site. Provide information for assessing species population and habitat such as database research and onsite survey methodology. Current survey guidelines or protocol provided by state and federal agencies shall be used where applicable. Limited survey methods that do not detect species presence should not be used to infer species absence. Identify wildlife corridors and discuss general wildlife utilization observed or anticipated for the site.
- ___ 4. **Location Map** depicting the project boundary.
- ___ 5. **Natural Features Map.** Boundaries of the conservation and preservation areas described in the Tallahassee Land Development Code (TLDC) must be delineated and depicted on the NFI map. The map should also identify any features within 150' of the project boundary. A qualified professional retained by the applicant shall demarcate the jurisdictional boundary of conservation or preservation areas. Please include a table quantifying the square footage of each applicable regulated feature on the NFI map.
- a) **Wetlands, Waterbodies, and Watercourses.** Distinguish between altered and unaltered hydrologic features based on the definitions provided in the TLDC. Depict 50' wide minimum natural buffer for unaltered wetlands, waterbodies and watercourses on the NFI map in addition to the feature boundaries. If one feature is encompassed by another, a buffer may be shown for the outermost feature only.
 - b) **Floodplain and Floodway.** Distinguish between altered and unaltered floodplain per the TLDC definitions. The base flood elevation (BFE) should be determined as detailed in Sec. 5-54(c)(6) for 25-year and 100-year floodplain and the 100-year closed basin flood exclusion zone. Floodplain should be mapped to follow the correct contour elevation.
 - c) **Native Forest or High Quality Successional Forest.** Depict 25' wide minimum natural buffer in addition to the feature boundary.
 - d) **Listed Species.** Depict the location of all state or federally listed species and delineate the habitat boundaries of each listed species. Include the scientific name of each species.
 - e) **Archaeological and Historical Sites.** Identify and map any cultural resources which overlap with the project site which have been listed, have been recommended as eligible for listing, or which have not been sufficiently evaluated for eligibility for listing in the National Register of Historic Places.
 - f) **Karst Features.** Discuss the method of investigation in the NFI narrative and distinguish active vs. inactive features. Depict 35' wide minimum natural buffer for active karst in addition to the feature boundary.
 - g) **Special Development Zone.** Depict the boundary and distinguish Zone A and Zone B; zones should be mapped to follow the correct contour elevation.
 - h) **Canopy Road Protection Zone.**
 - i) **Closed Basins.** Denote whether the site is within a closed drainage basin; include basin boundaries on map if applicable.
 - j) **Wells** (water supply or monitoring) and areas susceptible to **groundwater contamination** (or known to be contaminated) located on or adjacent to the site. The NFI map should also include the site's **contours, existing structures and utilities, and general tree locations.**
 - k) **Grades.** Depict natural significant and severe slope areas within 100' width of wetlands, waterbodies, watercourses, floodways, floodplains, karst features, or special development zones. The Tallahassee-Leon County GIS Department (TLCGIS) data may be used.
- ___ 6. **Landcover Map.** Provide a map showing the project boundary on recent **aerial imagery** obtained from FDOT or TLCGIS which delineates the existing vegetative communities within the property according to the FDOT Florida Land Use, Cover and Forms Classification System, FWC Florida Land Cover Classification System, or the FNAI Natural Community Classification Guide. Include **soil series** data from the Natural Resource Conservation Service Soil Survey of Leon County.
- ___ 7. **Cultural Resource Assessment.** Provide a desktop assessment report from a professional archaeologist which analyzes the potential for the property to contain significant cultural resources. The report should provide a recommendation to either proceed with no further action or to complete an archaeological field survey. If a Phase I Cultural Resource Assessment Survey has been performed according to the current DHR guidelines for the project site, the resulting report may be submitted in lieu of the desktop assessment report.