



Natural Features Inventory

Department of Growth and Environmental Management
 Environmental Compliance
 435 North Macomb Street
 Tallahassee, Florida 32301
 (850) 606-1300 Fax (850) 606-1301

Please check the appropriate fee category: NFI: \$1,320 base fee plus \$23 per acre over 5 acres
 NFI with Floodplain: \$1,720 base fee plus \$24 per acre over 5 acres

Attachments:

- Narrative
- Natural Features Overlay (If project is large or contains multiple features)
- Natural Features Map
- Affidavit of Ownership and Affidavit of Authorized Agent Form
- Copy of Signed and Sealed Boundary Survey

Property/Project Information:

Project Name: _____ Total Acreage of Project Site: _____

Parcel Tax ID # (s): _____

Development Site Address (or location): _____

Ownership Information:

Owner: _____ Telephone #: (____) _____

Mailing Address: _____
 Street Address City State Zip

Owner: _____ Telephone #: (____) _____

Consultant Information:

Firm: _____ Telephone #: (____) _____

Mailing Address: _____

Consultant Contact: _____ Telephone #: (____) _____ FAX: (____) _____

Feature Information: Check the items below which exist on site and describe in your narrative. Include the name of the closed basin or special development zone:

- Native Forest
- Wetlands
- Karst Features
- High Quality Successional
- Watercourses
- Canopy Road
- Significant Grades (10 to 20%)
- Tributary (receives >120 acres)
- Wells (Monitor or Supply)
- Severe Grades (over 20%)
- Waterbodies (normal high water)
- Closed Basin(s): _____
- Listed Species and its Habitat
- Special Development Zone: _____
- Archaeological or Historical Sites
- Protected Trees (trees in the lot perimeter zone ≥ 4 "DBH; dogwoods ≥ 8 "DBH; all other trees ≥ 12 "DBH)
- Floodplain

Has a Cultural Resource Assessment been performed? (Yes/No), provide copy of DHR review or results from preliminary survey.

Drainage Basin: Lake Jackson Lake Lafayette Lake Munson Lake Iamonia Fred George Other

Watershed if any? _____ Predominant Soil Type(s): _____

Provide the following statistics for the Natural Features identified on your site. Continue on a separate sheet if needed.

| Natural Feature | Acres or Sq. Ft. | % of Site |
|-----------------|------------------|-----------|
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In some instances, the boundaries of Natural Features may overlap. For example, 4 acres of significant slopes and 6 acres of severe slope may occur within a 24 acre Native Forest.

Please complete the Checklist on page two.

CHECKLIST

In order for an application to be eligible for review, the following materials should be provided:

Verification: Mark boxes with an "X" for items provided or label "N/P" if feature is not present.

- 1. **This completed application form and checklist.**
- 2. **Application Fee.**
- 3. **A copy of the signed and sealed boundary survey** which accurately depicts the existing subject parcel.
- 4. **Affidavit of ownership and affidavit of authorized agent forms.**
- 5. **A narrative and FLUCCS map (FDOT's Florida Land Use, Cover and Forms Classification System):** Describe the natural features, vegetation, wildlife and any other environmental characteristics of the site. Include any information about past activities that may have contributed to the present day conditions. Provide a map which classifies the vegetation associations found on site in accordance with the FLUCCS, Level III mapping.
- 6. **Site reference information:** Include property boundary corner stakes, wetland boundary flags, other environmental constraint boundary flags, survey points, numbered trees, etc. Use highly visible surveyor's tape to delineate features.
- 7. **A Contour Map**, at an appropriate engineering scale (typically 1"=20' or 1"=30') and contour interval (typically 2') The contour map should serve as the base for the Natural Features map.
- 8. **Aerial photo:** Provide a recent aerial photo of the site with the property boundaries shown.
- 9. **A Natural Features Map:** The boundaries or locations, of the following should be surveyed and depicted on the natural features map:
 - (a) **Property boundaries and other on site location information from 6, above.**
 - (b) **Native Forest or High Quality Successional Forest.**
 - (c) **Waterbodies, Watercourses, Wetlands, Tributaries** (watercourses with > than 120 acres of drainage area): When a wetland is considered to be degraded, provide the analysis and any documentation which supports this determination. Refer to Section 10-187(c) for specific criteria to review.
 - (d) **Floodplains, 25 and 100 year:** **The 100 year flood elevation** is identified for projects that have all or a portion of the property located within the 100 year floodplain. The base flood elevation should be determined as follows: 1. **Under no circumstances can a base flood elevation be accepted which is lower than that specified in the latest FEMA study.** 2. For sites within a 100 year floodplain, as defined by the EMO/EMA, where a FEMA base flood elevation was not provided, the applicant should either: a.) Use the best available data from the inventory of drainage studies to determine the base flood elevation. Available studies may include, but are not limited to, the USGS-91 study, a local government approved drainage study, or a private engineering study. b.) Use the certified results of a drainage study performed by a professional engineer.
 - (e) **Grades/Slopes** (differentiate between slope categories by shading, cross hatching, etc.):
 - (1) Significant grades 10-20% slopes
 - (2) Severe grades >20% slopes
 - (f) **Soil series** as indicated in the Soil Survey of Leon County.
 - (g) **Karst features:** Discuss the method of detection in narrative and indicate if they are active or inactive.
 - (h) **Wells or areas susceptible to groundwater contamination:**
 - (1) Wells (water supply or monitoring) located on or just off site.
 - (2) Areas where aquifer is susceptible to contamination, or is known to be contaminated.
 - (i) **Tree Tags:** Any tree with a DBH of 12" or greater, any dogwood with a DBH of 8" or greater. On sites with dense vegetation or numerous trees, tagging and numbering of some **protected trees** should be provided for on site orientation. Numbers should correspond to trees noted on the contour map. **Consult with Review staff before undertaking extensive tree tagging or surveying.**
 - (j) **Wildlife:** Identify the location of any known threatened, endangered or species of special concern and its habitat. When development activity affects listed species, a Habitat Suitability Assessment and Habitat Protection and Management Plan approved by local, state and federal resource management agencies is required during the Environmental Impact Analysis.
 - (k) **Canopy Road Protection Zone.**
 - (l) **Special Development Zone.**
 - (m) **Cultural Resource Assessment:** See the attached sheet for minimum documentation to be sent to the State of Florida, Bureau of Historic Preservation, Compliance Review Section, to determine whether there is known or potential significant cultural resources on site. Their office is located in the R. A. Gray Building, and mailing address is 500 South Bronough Street, Tallahassee, FL 32399-0250, Telephone (850) 487-2333.
- 10. **Adjacent natural features:** Provide a map which generally identifies the location of any environmentally sensitive features within 200 feet of the NFI limits.