

**NRI CHECKLIST**  
**FOR PREPARATION AND REVIEW OF**  
**NATURAL RESOURCE INVENTORIES**

A Natural Resource Inventory submission package includes, at a minimum, an NRI plan, FSD text, an application form, a completed checklist, and, if applicable, a wetland study or floodplain study as provided or approved by Prince George's County. For guidelines on the preparation of Natural Resource Inventory plans and the submission of NRI application packages, refer to Part B, "Guidelines for the Preparation, Review, and Approval of Natural Resource Inventories" found in the "Woodland and Wildlife Habitat Conservation Ordinance Technical Manual."

All lines on the checklist must either be checked or marked as "N/A" for not applicable. Use N/A for features that do not exist on or adjacent to the subject property. If a feature is not shown, provide a comment regarding why that feature is not shown.

Site/Project Name: \_\_\_\_\_ Date: \_\_\_\_\_

Prepared by: \_\_\_\_\_  
 Typed name Signature  
 \_\_\_\_\_  
 Phone e-mail address

**I. Natural Resource Inventory Plan**

Information Type	Included Y/N	Comment
<b>A General Information</b>		
Plan labeled as a Natural Resource Inventory Plan.		
A vicinity map showing the location of the site in relation to major and adjacent roadways at a minimum scale of 1"=2000'. The vicinity map should include a north arrow and a scale.		
A plan view showing the entire legal boundaries of all lot(s) and/or parcel(s) included in the application at a minimum scale of 1" = 100'.		
Deeds verifying recorded property boundaries only if the property boundaries do not match the state property layer or the County GIS property layer.		
A table of site statistics that includes: the total acreage of the subject property; the total acreage of woodland on-site; the total acreage of floodplain on-site; and the total acreage of woodland within the floodplain on-site. All acreages should be to the nearest hundredth of an acre.		
Topographic contours (interval = 2 feet).		
All existing structures and site features including cultural features, historic sites and easements, and any visible foundations or ruins.		
All existing utilities, utility easements and Master Planned rights-of-way.		
Legend containing all features shown on the plan. (Using EPS standard symbols)		
A north arrow and scale.		
Labels and shading (Per EPS Standards)		
Qualified professional certification with name, address, phone number, email, stamp (if applicable), signature, and date of plan certification on each sheet.		
General notes section that follows the standard note language (see p. 4 of this checklist).		
M-NCPPC signature blocks on each sheet of the NRI plan (EPS standard for NRI)		

**I. Natural Resource Inventory Plan (continued)**

Information Type		Included Y/N	Comment
<b>B</b>	<b>Environmental Features</b>		
	Banks of all regulated streams or a centerline if the banks are too close together.		
	Location of stream buffers.		
	Location of the Primary Management Area.		
	Location of all wetlands and wetland buffers.		
	Location of expanded wetland buffers.		
	Delineation of the approved 100-year floodplain.		
	Location of existing Critical Habitat Areas for rare, threatened, and endangered species.		
	Existing environmental features extending off the property 100 feet in all directions.		
<b>C</b>	<b>Soil and Slope Information</b>		
	Locations of mapping units within each soil series shown on the plan to scale, using standard soils boundary symbol per EPS standards.		
	Table stating the mapping unit name and description, k-factor, hydric rating, hydrologic soil group, and drainage class.		
	Location of steep slopes (15% and greater) clearly shown on the plan and in the legend.		
<b>D</b>	<b>Forest Stand Delineation Information (to be shown on the plan)</b>		
	Existing woodland and trees on the property and extending off the property 100 feet in all directions.		
	Forest stand boundaries and stand acreages to the nearest one-hundredth of an acre.		
	Field sample point locations in adequate numbers and locations to delineate separate stands.		
	Locations of specimen, champion and historic trees and their critical root zones.		
	Table of specimen, champion and historic trees stating field flag number, common name, scientific name, size (in dbh), condition, and condition comments.		
	Location of Forest Interior Dwelling Species (FIDS) habitat and associated 300 foot-wide buffer.		
	Forest stand summary table including all required information.		

**II. Wetland Study Information**

Feature		Included	Comment
<b>A</b>	<b>Wetland Delineation Map</b>		
	Location of all regulated streams and wetlands on-site and within 100 feet of the subject property.		
	Map showing the sample points and flagged delineations.		
	Note stating whether the flagging points are based on field or survey locations.		
	Topographic contours (interval = 2 feet).		
	Plan prepared at the same scale at which the NRI plan was prepared.		
	Prepared, signed, and dated by a professional who has completed an ACOE approved training course in wetland delineation.		
<b>B</b>	<b>Wetland Study</b>		
	Study text and data sheets for each sample point (signed and dated).		
	Color Photocopies of the NWI map, the MDDNR Wetland Guidance Map, and the soil survey ( <i>Note: if a wetland study is not required, these photocopies should be included in the Forest Stand Delineation Report</i> ).		
	Prepared, signed, and dated by a professional who has completed an ACOE approved training course in wetland delineation.		

**III. Forest Stand Delineation Text** (Report must include ALL of the following)

Feature	Included Y/N	Comment
<b>A Narrative that briefly describes the forest conditions, including:</b>		
Cover sheet (Must include Title, Date and Certification by Qualified Professional).		
Brief introduction describing location of the site, total acreage (to the nearest one-hundredth of an acre), zoning, current condition of the property (Partially developed? Undeveloped?)		
A statement indicating the sampling methodology and equipment used for data collection.		
A statement of the total woodland to the nearest one-hundredth of an acre.		
A statement of the existing condition of each stand including a description of composition, structure, and condition, as well as retention potential and comments on stand history .		
Description of other environmental or cultural features which may impact decisions on forest retention.		
A statement regarding the presence or absence of rare, threatened, or endangered species including the source of this information (SSPRA layer or Letter from Maryland Natural Heritage Program).		
A statement regarding the presence or absence of specimen, champion and historic trees including condition comments that may affect retention potential.		
A statement regarding the soils (including the mapping unit name and description, k-factor, hydric rating, hydrologic soil group, and drainage class).		
Prepared by a licensed landscape architect, licensed forester or a current MDDNR qualified professional, and signed and dated by that person. If this person differs from the qualified professional submitting the NRI plan, the Forest Stand Delineation text must also be signed and dated by the qualified professional submitting the NRI plan.		
<i>If a wetland study is not required, color photocopies of the NWI map, the MDDNR Wetland Guidance Map, and the soil survey (otherwise, these materials should be included with the wetland study).</i>		
<b>B Field data sheets,* including:</b>		
Diameter and species of trees sampled.		
Number of living trees and dead trees per acre.		
Percent canopy closure and number of species in canopy.		
Percent of understory coverage (3'-20'), dominant understory species, number of species.		
Percent of herbaceous coverage (0'-3'), dominant herbaceous species, number of species.		
Percent of invasive species in canopy, understory, and herbaceous including species present.		
* "Woodland and Wildlife Habitat Conservation Ordinance Technical Manual", Appendix A-1 or equivalent.		
<b>C Forest analysis worksheets**for each stand including:</b>		
Structure analysis		
Condition analysis		
Location analysis		
Stand function		
Forest retention summary analysis (Summary table of ALL stands must be shown on the plan)		
** "Woodland and Wildlife Habitat Conservation Ordinance Technical Manual", Appendix A-1 or equivalent.		

<b>D</b>	<b>Stand summary sheets*** including:</b>		
	Dominant/Codominant species.		
	Successional stage		
	Basal area in s.f. per acre		
	Size class of dominant species		
	Percent canopy coverage		
	Number of tree species per acre		
	Common understory species per acre		
	Percent of understory cover 3' to 20' tall		
	Number of woody plant species 3' to 20' tall		
	Common herbaceous species 0' to 3' tall		
	Percent of herbaceous and woody plant cover 0' to 3' tall		
	List of major invasive plant species and percent of cover		
	Number of standing dead trees 6"DBH or greater		
	Forest Structure Rating Score		
*** "Woodland and Wildlife Habitat Conservation Ordinance Technical Manual", Appendix A-1 or equivalent.			