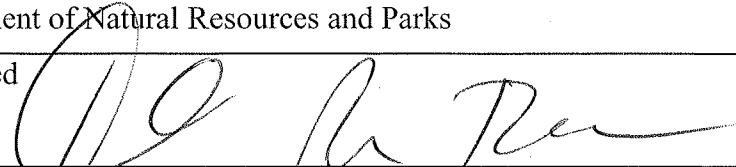


Title	Document Code No.
Forest Stewardship Plans	PUT 8-19-2 (PR)
Department/Issuing Agency	Signature Date
Department of Natural Resources and Parks	Feb. 10, 2015
Approved	

1.0 SUBJECT TITLE: FOREST STEWARDSHIP PLANS

1.1 EFFECTIVE DATE: 3/13/15

1.2 TYPE OF ACTION: Supersedes PUT 8-19-1 (PR), July 1, 2005

1.3 KEY WORDS: Forestry, Forest Stewardship Plans, Forest Management Plan, Timber Management Plan

2.0 PURPOSE:

2.1 This rule establishes and explains the format and requirements for developing a Forest Stewardship Plan as required by King County. Such plan does not serve as an application for a permit or as a site plan for a specific forest practice. Landowners are required to obtain appropriate state or county permits for applicable forest practices.

3.0 INDIVIDUALS AND ORGANIZATIONS AFFECTED:

3.1 Applicants to the Public Benefit Rating System (PBRs) and Designated Forestland Current Use Taxation (CUT) programs.

3.2 Applicants for the Transfer of Development Rights (TDR) Program to qualify as a forest sending site.

3.3 Applicants for any new residential building permit in the Forest Production District.

3.4 Owners of property in long-term forestry who conduct a forest practice and want to avoid the development moratorium on a portion of the site.

3.5 Owners of property in long-term forestry who want flexibility to cut firewood, restore habitat areas, and/or remove invasive weeds in critical area buffers.

3.6 Developers of a subdivision with a resource land tract to be managed as forest.

3.7 King County Department of Natural Resources and Parks (DNRP), Water and Land Resources Division (WLRD), Forestry program.

3.8 King County Department of Natural Resources and Parks, Water and Land Resources Division, Public Benefit Rating Systems program.

3.9 King County Department of Natural Resources and Parks, Water and Land Resources Division, Transfer of Development Rights program.

3.10 King County Department of Assessments, Designated Forestland program.

3.11 King County Department of Permitting and Environmental Review (DPER)

3.12 Washington Department of Natural Resources (WA-DNR)

4.0 REFERENCES:

R.C.W. 84.34 – Open Space, Agricultural Timberlands – Current Use – Conservation Futures

W.A.C. 458.30 – Open Space Taxation Rules

K.C.C. 2.98 – Rules of County Agencies

K.C.C. 20.36 – Open Space and Agricultural Current Use Assessment

K.C.C. 21A.06 – Technical Terms and Land Use Definitions

K.C.C. 21A.08 – Permitted Uses

K.C.C. 21A.14 – Development Standards – Design Requirements

K.C.C. 21A.24 – Critical Areas

K.C.C. 21A.37 – Transfer of Development Rights

K.C.C. 9.04 – Surface Water Management

K.C.C. 16.82 – Clearing and Grading

King County Rural Stewardship Plan Public Rule PUT 8-20 (PR)

King County Farm Management Plan Public Rule PUT 8-21 (PR)

King County Comprehensive Plan Policies R-623, R-624, R-625, R-632, R-636

Washington State Integrated Forest Management Plan Guidelines, February 14, 2012

Executive Order, "Implementation of Forestry Policies," Document Code No. PUT 8-18 (AEO)

The King County Code and the Executive Order can be accessed on the King County website.

Washington State Codes can be found on the Washington Legislature's website.

5.0 DEFINITIONS:

5.1 A Forest Stewardship Plan is a plan that meets the requirements of Section 6 of this rule. The requirements are based on the Washington State Integrated Forest Management Plan Guidelines dated February 14, 2012, or thereafter amended. These guidelines have been cooperatively developed and adopted by the Washington Department of Natural Resources, U.S. Department of Agriculture (USDA) Forest Service and Natural Resources Conservation Service (NRCS), the Washington Tree Farm Program, and the Washington Department of Revenue (DOR). The February 14, 2012 version of these guidelines is attached to this rule as Appendix A.

5.2 A Forest Stewardship Component of a Farm Management Plan or a Rural Stewardship Plan is considered a Forest Stewardship Plan if it meets the requirements of this rule.

5.3 Forest Management Plan - For the purposes of this rule, a forest management plan means the same thing as a forest stewardship plan.

5.4 Timber Management Plan - For the purposes of this rule, a timber management plan means the same thing as a forest stewardship plan.

5.5 The terms “Forest Stewardship Plan,” “Forest Management Plan,” and “Timber Management Plan” shall all be referred to as “Plan” in this rule.

5.6 Incentive Program – Refers to the King County Current Use Taxation programs and the King County Transfer of Development Rights program.

6.0 POLICIES:

6.1 This rule is written to identify the requirements for Plans required in King County Code 21A.37, King County Code 21A.08, King County Code 20.36, King County Code 21A.14, King County Code 21A.24, King County Code 9.04, and King County Code 16.82.

6.2 The Plan must meet the standards of the Washington State Integrated Forest Management Plan Guidelines, February 14, 2012, or thereafter amended. In addition to the map standards in the Washington State Integrated Forest Management Plan Guidelines, maps shall:

6.2.1 Indicate forest stands, easements, critical areas, and existing or planned non-forest features, such as residences, garages, outbuildings, driveways, power lines, drainage fields, wells, gardens, and yards. If possible, previous and future forest practice units and existing or proposed road and landing locations should be indicated.

6.2.2 Be at a scale large enough to be easily legible.

6.2.3 Include a topographic map with a contour interval no greater than 20 feet if slopes exceeding 40 percent are present.

6.2.4 Include the following elements: scale, north arrow, name of preparer, date of preparation, and a legend.

6.2.5 Maps are available from King County’s iMap website.

6.3 Plans prepared for the DNRP Transfer of Development Rights Program “shall include a description of the site’s forest resources and the long term forest management objectives of the property owner” (K.C.C. 21A.37.060).

6.4 Plans are not required to qualify as a forest TDR sending site if the property will be acquired and held in fee ownership by a public agency for conservation purposes. These properties will be managed in accordance with the agency’s forest management policies, rules, and regulations.

6.5 Plans prepared for the Department of Assessment's Designated Forestland Program must clearly state that the Applicant will use the enrolled land primarily for growing and harvesting timber for commercial purposes (R.C.W 84.34.020 and K.C.C. 20.36.110).

6.6 Plans prepared for Resource Tracts must:

6.6.1 Assure that forestry will remain as a sustainable long term use of the tract (K.C.C. 21A.14.040).

6.6.2 Specify impervious surface and clearing limitations and identify the type of buildings or structures that will be allowed within the resource tract (K.C.C. 21A.14.040).

6.6.3 If critical areas are included in the resource tract, the Plan must clearly state that the purpose of the resource portion is for resource management, and the purpose of the designated critical areas is for critical area protection and enhancement as well as protecting the public from geologic hazards and increased storm water runoff (K.C.C. 21A.24.180).

6.6.4 The Plan will provide specific measures to be implemented to protect critical areas. Examples include: erosion control measures, slope thresholds for ground based yarding, whether permanent or temporary roads will be used, and size and orientation of group selection and clear cuts on steep slopes. These protection measures will meet or exceed WA-DNR Forest Practice Rules. The Plan will describe how future development will not limit access to Resource Tracts to implement forest management activities.

6.7 DPER may approve a development proposal on a portion of a property if an approved Plan includes a map that clearly delineates and differentiates the area to be developed from the forest management area. In addition to the map, the Plan must clearly describe the forest management activity and the area to be developed (K.C.C. 16.82.140).

6.8 Upon permit intake DPER will refer applicants for residential building permits in the forest production district to a DNRP forester. The forester will evaluate the site characteristics and ownership objectives on a site specific, case-by-case basis to determine if they are compatible with the purpose of the forest production district. The DNRP forester will determine and recommend to DPER if a forest stewardship plan as defined in this Rule is required. If not, the forester will recommend to DPER that an abbreviated plan be written. If DPER agrees, DNRP foresters will assist the applicant in preparing the abbreviated plan to include at a minimum the following:

6.8.1 Description of how the applicant will ensure that their use of the property does not compromise the intent of the FPD.

6.8.2 Section that describes native vegetation present and promotes its' retention in residential and forested areas.

6.8.3 Description of noxious and invasive weeds present and eradication or control methods in residential and forested areas.

6.8.4 Section that describes recommended fire safety best management practices to be implemented by the applicant.

6.8.5 A recent aerial/ortho photograph indicating property boundary, proposed or existing residential area, and sufficient other information required by DNRP forester.

7.0 PROCEDURES: The procedures followed by each Applicant depend on their objectives. Not all procedures will apply to every Applicant.

7.1 Decision to develop Forest Stewardship Plan.

7.1.1 DPER, DNRP Current Use Taxation Program, the DNRP Transfer of Development Rights Program, or the Applicant determines that a new or revised Plan may be required or desired by the Applicant.

7.1.2 The Applicant contacts a DNRP Forester for information about developing a Plan.

7.1.3 The DNRP Forester provides this Rule to the Applicant.

7.1.4 The DNRP Forester will inform the Applicant of the types of technical assistance they can provide the Applicant in developing a Plan.

7.1.5 The DNRP Current Use Taxation staff will explain to the Applicant that an approved Plan is required in order to qualify for the Forest Stewardship Land Category of the PBRs program.

7.1.6 The DOA Current Use Taxation staff will explain to the Applicant that the Assessor is authorized to require an approved Plan to enroll in or continue Designation as Forest Land under RCW 84.33

7.1.7 The DNRP Transfer of Development Rights staff will advise the Applicant that an approved Plan is required to qualify their property as a forestry sending site for the TDR Program.

7.1.8 The Applicant notifies DNRP of intent to develop a Plan.

7.2 Plan preparation.

7.2.1 Applicant writes a draft Plan or has a draft Plan prepared and submits this draft Plan to the DNRP Forester.

7.2.2 The landowner may prepare the Plan independently with assistance from a DNRP Forester; or with assistance through the Forest Stewardship course offered by King County, Washington State University Extension, and Washington Department of Natural Resources; or with the assistance of a forestry consultant or other qualified organization.

7.2.3 The plan will cover the portion of the property that is or will be managed as forest and will clearly delineate any developed or other portion of the property that will not be managed as forest.

7.3 Plan review.

7.3.1 The DNRP Forester reviews the draft Plan.

7.3.2 The DNRP Forester conducts a site visit to verify that the Plan adequately describes the resources of the site.

7.3.3 The DNRP Forester consults with incentive program or DPER staff if necessary to ensure that proposed activities are consistent with incentive program or permit requirements.

7.3.4 The DNRP Forester submits comments and suggested edits, if applicable, to the Applicant to comply with this Rule.

7.3.5 The Applicant modifies the draft Plan if warranted and re-submits to DNRP.

7.4 Plan approval.

7.4.1 The DNRP Forester reviews and determines if the Plan addresses the requirements identified in this rule.

7.4.2 The DNRP Forester approves or rejects the Plan. If not approving, the Forester submits additional comments to the Applicant to modify the Plan.

7.4.3 The DNRP Forester returns the final Plan when approved to the Applicant with a signed approval form, retaining a copy for files.

7.5 Submittal of Plan to specific incentive program or permitting department.

7.5.1 If pursuing a King County permit or participation in a King County incentive program, the Applicant submits an approved Plan to the appropriate incentive program or department with an application for the permit or program. The Applicant also provides supplemental information to meet the requirements of the permit or program.

7.6 Review of Plan by permitting or incentive program.

7.6.1 When the plan is required by an incentive program or permit, the appropriate agency reviews the plan for conformance with the requirements of the program or permit.

7.7 Revision of Plans.

7.7.1 These plans are not intended to be static. They should be reviewed and consulted regularly, at a minimum, every ten years following initial approval. Sooner if the landowner's objectives significantly change. The Applicant submits these revisions to the DNRP Forester.

7.7.2 If an existing approved Plan has a management schedule or management goals that are out of date or otherwise require change, the Applicant is responsible for revising the plan. When properties with existing Plans change owners, the Plan should be revised to reflect the new owner's objectives.

7.7.3 The DNRP Forester reviews any Plan revisions and approves or denies revisions.

8.0 RESPONSIBILITIES:

8.1 The Applicant is responsible for:

8.1.1 Deciding to develop a new or revised Plan.

8.1.2 Developing a new or revised Plan in accordance with this public rule.

8.1.3 Contacting a DNRP Forester for technical assistance in preparing a Plan.

8.1.4 Preparing a Plan that complies with the requirements of DNRP incentive programs or DPER permitting requirements.

8.1.5 Submitting the completed Plan to DNRP.

8.2 The DNRP Forester is responsible for:

8.2.1 Providing technical assistance in development and revision of Plans.

8.2.2 Responding to information requests.

8.2.3 Conducting site visit as part of the Plan review process.

8.2.4 Coordinating with DNRP incentive programs, DOA Current Use Taxation, and DPER to ensure the Plan meets the requirements of the program or permit.

8.2.5 Reviewing new or revised Plans for compliance with this rule.

8.2.6 Providing any necessary edits and suggestions to Applicant so the Plan complies with this Rule.

8.2.7 Approving or denying Plans.

8.3 The DNRP Public Benefit Rating System (PBRS) Program is responsible as follows:

8.3.1 Notifying an Applicant when an approved Plan is required as part of an application to the PBRS program.

8.3.2 Reviewing the approved Plan for compliance with program requirements; and if not compliant provide detailed explanation in writing to applicant and DNRP Forester.

8.4 The King County Transfer of Development Rights (TDR) Program is responsible as follows:

8.4.1 Notifying an Applicant that an approved Plan is required to qualify a property as a TDR forestry sending site.

8.4.2 Reviewing the approved Plan for compliance with program requirements; and if not compliant provide detailed explanation in writing to the Applicant and DNRP Forester.

8.5 The King County Department of Permitting and Environmental Review is responsible as follows:

8.5.1 Notifying Applicants that an approved Plan is a permit requirement for single detached dwellings in the forest zone.

8.5.2 Notifying Applicants that an approved Plan is required in conjunction with a request for relief from the development moratorium that would otherwise be imposed on a property with a WA Forest Practices Rule Class II, III or IV-S forest practice. The Plan must include a map that clearly delineates any future development areas that are not to be managed forest.

8.5.3 Notifying Applicants that an approved Plan is required for a resource land tract or critical area tract as part of a clustered development if the tracts are to be managed forest.

8.5.4 Coordinating with the DNRP Forester throughout the development of Plans to ensure they meet permit requirements.

8.5.5 Reviewing the approved Plan for compliance with permit requirements and if not compliant providing detailed explanation in writing to Applicant and DNRP Forester.

9.0 APPENDICES:

9.1 Washington State Integrated Forest Management Plan Guidelines, February 14, 2012

APPENDIX
Washington State
Integrated Forest Management Plan

Guidelines

- **Forest Stewardship Plan**
- **Conservation Activity Plan (CAP)**
- **Tree Farm Management Plan**
- **Timber Management Plan (current use property taxation)**



WASHINGTON STATE DEPARTMENT OF
Natural Resources



Issued February 14, 2012

WASHINGTON STATE INTEGRATED FOREST MANAGEMENT PLAN GUIDELINES

These guidelines have been cooperatively developed and adopted by the Washington State Department of Natural Resources (DNR), U.S. Department of Agriculture (USDA) Forest Service and Natural Resources Conservation Service (NRCS), the Washington Tree Farm Program, and the Washington Department of Revenue (DOR). The guidelines are intended to help landowners, who so choose, to simultaneously meet the “written management plan” requirements of multiple forestry-related programs administered by several agencies and organizations.

Forest management plans developed using these guidelines are intended to:

- Provide a “road map” to help forest landowners meet their objectives and manage their land sustainably for the future.
- Convey information and guidance to others, including heirs or subsequent owners.

- Help forest landowners meet the “written management plan” eligibility requirement for:
 - 1) Cost-share and financial incentive programs.
 - 2) “Stewardship Forest” recognition.
 - 3) Certification by the American Tree Farm System.
 - 4) “Current Use” forestry property tax classification.

Acceptance and approval of the plan will be determined by the agency or organization which administers each program.

Plans which meet these guidelines are intended to meet the requirements for each of the following programs:

Forest Stewardship Program (Administered by Washington State DNR in cooperation with USDA Forest Service - State and Private Forestry Programs)

- A DNR-approved **Forest Stewardship Plan** is required to be eligible for “Stewardship Forest” recognition (property sign) and to qualify for certain cost-share program funds administered by DNR.

USDA Farm Bill Conservation Programs (Administered by USDA Natural Resources Conservation Service)

- Landowners who participate in NRCS-administered Farm Bill financial assistance programs, such as the Environmental Quality Incentive Program (EQIP), are required to have an NRCS-approved **Conservation Activity Plan (CAP)** or other plan acceptable to NRCS. Other acceptable plans may include a Forest Stewardship Plan, Tree Farm Management Plan, or NRCS Conservation Plan. Financial assistance may be available for development of a Conservation Activity Plan (NRCS practice identifier: CAP 106) by an NRCS-authorized Technical Service Provider (TSP). The term “CAP 106” refers to those plans for which NRCS is providing financial compensation for plan preparation.

Certified Tree Farm Program (Administered by the Washington Tree Farm Program, affiliated with the American Tree Farm System)

- An approved **Tree Farm Management Plan** is one of the requirements for the property to become a Certified Tree Farm/Certified Family Forest.

Current Use Forest Property Tax Programs (Administered by County Assessor’s Offices in cooperation with the Washington State Department of Revenue)

- A **Timber Management Plan**, described in state law (RCW 84.34.041) and approved by the County Assessor, is a requirement for eligibility for “current use” forest property tax programs. (Interested landowners should contact their County Assessor’s Office to determine their specific requirements before beginning the plan development process. Some Assessor’s Offices have developed their own guidelines and preferred format for submission of the plan which may vary from what is presented herein.)

Plans for each of the above-described programs are required to be prepared by, or in close collaboration with, a professional forester or other natural resource professional acceptable to the approving agency or organization. These guidelines are intended to help landowners simultaneously meet the written management plan requirements of several programs administered by different agencies and organizations. However, no assurance is either stated or implied regarding the acceptance or approval of any plan by any specific agency or organization.

PLAN CONTENTS

The following contents are required unless specifically identified as being “optional.”

I. COVER PAGE

- Landowner Information: Name(s), address, phone number, e-mail address.
- Property Information: Number of acres included in the plan, county, legal description (subsection, section, township, and range), tax parcel number(s), street address or descriptive location from nearest town. (Include USDA Farm Service Agency Farm and Tract number if property has one). GPS coordinates (longitude and latitude) – optional.
- Plan Preparer: name, title, affiliation, address, phone, e-mail address.
- Assisted By (if applicable): If plan was prepared by the landowner, identify the primary natural resource professional(s) who assisted/advised in plan preparation: name, title, affiliation, address, phone, e-mail address.
- Plan Preparation Date.

II. TABLE OF CONTENTS (OPTIONAL)

III. LANDOWNERS OBJECTIVES

Describe owner’s objectives, priorities, guiding principles, management philosophy, and “future vision” for the property for both short term (<10 years) and long term (10+ years).

IV. INTRODUCTORY OVERVIEW OF THE PROPERTY

Brief general introductory overview of the property, which may include: location, access, boundaries, associated and surrounding land uses, topography, climate/weather, family and land use history, forest management and timber harvesting history, unique or interesting features, general comments on property resources, management opportunities, and factors which may affect use or management of the property. (Detailed discussion of resource conditions and management practices will follow in the next section)

V. RESOURCE DESCRIPTIONS AND MANAGEMENT PRACTICES

For each of the following Resource Categories, the plan should describe:

- Current resource conditions, issues, needs, and opportunities
- Any management practices which the owner plans to implement to protect, enhance, or restore these resources

See Appendix I on pages 13-16 for examples of items to potentially include under Resource Descriptions and Management Practices

RESOURCE CATEGORY I – FOREST HEALTH/WILDFIRE/INVASIVE SPECIES

- Overall description/assessment of forest health conditions and tree vigor across the ownership.
- Describe nature and extent of current or potential forest health problems, including both biotic and abiotic factors.
- Describe any management practices to maintain forest health and/or to prevent or help alleviate forest health problems.
- Describe any management practices to help reduce wildfire hazard to the forest and any structures on the property.
- Describe the nature and extent of invasive species issues, if any, and identify any anticipated monitoring and control measures (including use of Integrated Pest Management techniques).

RESOURCE CATEGORY II – SOILS

- Attach soils map and USDA-NRCS soils descriptions.
(Refer to Web Soil Survey accessible on NRCS's website.)
- For each soil type, describe productivity (site index) and the nature and extent of any soils-related problems and how they may affect species composition, tree growth, forest management activities, equipment operability, or other uses of the property.
- Describe any management activities, or operability and use restrictions, to maintain soil structure, stability, productivity, or to prevent, correct, or cope with soils-related problems.

RESOURCE CATEGORY III – WATER QUALITY/ RIPARIAN AND FISH HABITAT/ WETLANDS.

- Attach a map showing all water on the property, including a stream type map.
- If known, identify significant fish or other aquatic species which use water bodies associated with the property.

- Describe stream, wetland, and riparian conditions, including any problems and opportunities for protection, enhancement, or restoration.
- Describe any management practices to improve or restore riparian habitat, fish passage, fish habitat, water quality, or create or restore wetlands.

For NRCS CAP 106 plans, refer to Water Quality and/or Biological Technical Notes in Section I of the NRCS Field Office Technical Guide for resource assessment and analysis requirements.

RESOURCE CATEGORY IV: FOREST INVENTORY/TIMBER/WOOD PRODUCTS

- Attach copy of aerial photo or map with forest stand types delineated and labeled.
- Describe timber type (tree species), age(s), tree size(s)/diameter(s) at breast height, stocking level/stand density, and tree quality in each stand.
- Describe site productivity (site index) for each stand.
- Attach any information on tree measurements, stand volumes, etc. (optional)
- Describe understory vegetation in each stand. In eastern WA, include plant associations.
- Describe any management practices to maintain or improve tree growth and to enhance the quantity, quality, or value of future timber or other wood products.
- Describe any present or future commercial harvest opportunities

For NRCS CAP 106 plans, refer to Washington Specification Guide for CAP 106 in Section III, and Forestry Technical Notes in Section I, of the NRCS Field Office Technical Guide.

RESOURCE CATEGORY V: PROPERTY ACCESS/ ROADS AND TRAILS

- Attach map showing location of current and planned roads and trails.
- If one exists, attach Road Management and Abandonment Plan (RMAP) or RMAP checklist.
- Describe current vehicle access onto and throughout the property, including types of existing roads and anticipated use.
- Describe needs/opportunities for road and trail maintenance, improvement, replacement, or abandonment
- Describe any needs for restricting property access or use of roads and trails.
- Describe any needs for improved access.
- Describe any management practices to construct, maintain, or abandon roads or trails.

RESOURCE CATEGORY VI: WILDLIFE

- Attach list of common wildlife species in this area. Species lists can be found in the Woodland, Fish, and Wildlife Project publications on WSU Extension's forestry website.

- Identify any species which the owner wishes to attract, enhance, or control.
- Describe the present condition of key wildlife habitat components
- Describe any management practices to protect, improve, or restore wildlife habitat.
- Describe any practices to control wildlife damage.

For NRCS CAP 106 Plans, refer to Biological Technical Notes in Section I of the NRCS Field Office Technical Guide for resource assessment and analysis requirements.

RESOURCE CATEGORY VII: PROTECTION OF SPECIAL RESOURCES

- Identify any known state or federal threatened or endangered wildlife or plant species or habitat issues.
- Identify any known cultural resources or historical sites for which protection may be required or desirable.
- If none are known to exist, include this or a comparable statement: *“There are no known threatened or endangered species, cultural, or historical resource protection issues on this property. A formal review, to identify these resources, if any, and their potential protection requirements, will be conducted by the State Department of Natural Resources if and when the landowner proposes to conduct significant forestry activities which require a DNR-approved Forest Practices Application”.*
- Identify any sites unique, important, or special to the landowner and any other sites deemed to have “high conservation value” or otherwise deserving of specific protection.
- Describe any measures to protect or enhance any of the above-mentioned resources.

RESOURCE CATEGORY VIII: AESTHETICS AND RECREATION

- Describe any areas which are aesthetically important to the owner or the public.
- Describe any current or potential personal or public use of the property for recreation or education.
- Describe any management activities to protect or enhance aesthetic and recreational resources or enhance educational opportunities.

RESOURCE CATEGORY IX: SPECIALIZED FOREST PRODUCTS (OPTIONAL CATEGORY)

- Describe presence and quality of special forest products (aka non-timber forest products)
- Describe any potential for agro-forestry practices
- Describe any potential opportunities related to biomass production, carbon sequestration, or ecosystem services
- Describe any management practices which the landowner plans to implement related to the above.

- Location of the property within the Section
- Property boundaries
- Forest stand types
- Soil types
- Location of water bodies and identification of stream types
- Location of roads and trails
- Topography (optional)

For NRCS CAP 106 plans, the specific location of all planned management activities for which financial compensation is anticipated from NRCS-administered programs must be shown on a map or photo.

VIII. LANDOWNER SIGNATURE(S)

LANDOWNER APPROVAL SIGNATURE (REQUIRED)

I/we approve of the contents of this plan and intend to implement the described management activities to best of my/our ability.

Landowner Signature(s) and Date Signed

IX: PLAN APPROVAL SIGNATURES

DNR FOREST STEWARDSHIP PLAN APPROVAL (IF APPLICABLE)

This plan meets the requirements for a Forest Stewardship Plan.

WA

State Department of Natural Resources Authorized Representative Date

Print Name:

Affiliation:

Address:

Phone:

E-mail:

USDA-NRCS CONSERVATION ACTIVITY PLAN APPROVAL (IF APPLICABLE)

This plan meets the requirements for a USDA-NRCS Conservation Activity Plan.

Signature of USDA-NRCS Authorized Representative

Date

Print Name:

Title:

Affiliation:

Address:

Phone:

E-mail:

WASHINGTON TREE FARM MANAGEMENT PLAN APPROVAL (IF APPLICABLE)

This plan meets the requirements for a Tree Farm Management Plan.

Signature of Washington Tree Farm Program Authorized Representative

Date

Print Name:

Title:

Affiliation:

Address:

Phone:

E-mail:

CURRENT USE TIMBER MANAGEMENT PLAN APPROVAL (IF APPLICABLE)

This plan meets the requirements for a Timber Management Plan for current use property tax programs.

Signature of Authorized County Government Representative

Date

Print Name:

Title:

Affiliation:

Address:

Phone:

E-mail:

APPENDIX I

RESOURCE DESCRIPTIONS AND MANAGEMENT PRACTICES

Purpose

This appendix is intended to provide additional guidance and suggestions for things plan preparers may wish to include in their Resource Description and Management Practice narratives. The relevance of each these items to a particular plan will vary. Some, possibly many, of the items mentioned may not be applicable depending on the particular property, resource conditions, and the owner's objectives. Similarly, there may be items relevant to a specific property which may not be listed here.

RESOURCE CATEGORY I: FOREST HEALTH/WILDFIRE/INVASIVE SPECIES

Resource Conditions

Insects, diseases, drought, wildfire hazard/excessive fuels, damage from weather and natural disasters (fire, snow/ice, wind, flooding, debris slides, etc.), damage from wild or domestic animals, site-inappropriate species, stressed/overstocked stands, invasive species/noxious weeds, human-caused damage, etc.

Management Practices

Thinning, pruning, slash disposal, firebreaks and defensible space around structures, improved access for firefighters, prescribed burning, changes in tree species composition, prevention/control treatments for animal damage, insects, and diseases, sanitation and salvage practices, biological, mechanical, and chemical control of noxious weeds/invasive species.

RESOURCE CATEGORY II: SOILS

Resource Conditions

Soil names, parent material, textures, drainage, productivity, erosion, unstable slopes, mass wasting, compaction potential, hard pan layers, high water table, poor drainage, seasonal flooding, droughty soils, access and operability problems. (Soils issues related to roads and trails should primarily be discussed in that section).

Management Practices

Erosion and mass wasting prevention and control, seeding and planting, access and equipment operability restrictions, limitations on road and trail location and construction, species selection for planting on “problem soils”, specific site preparation techniques, changes to drainage, fertilization, moisture conservation measures. (Management practices related to roads and trails should be primarily discussed in that section).

RESOURCE CATEGORY III: WATER QUALITY/RIPARIAN AND FISH HABITAT/WETLANDS

Resource Conditions

Water quality impaired waterways (303d listed), unstable or failing stream banks, fish passage barriers or impairments, lack of adequate riparian vegetation, less than desirable conifer component in riparian areas, lack of woody debris or spawning gravels, livestock impacts to riparian areas and waterways, known or potential sources of sediment delivery to waterways, opportunities to create off-channel fish habitat, problematic riparian or aquatic species.

Management Practices

Riparian and wetland planting, livestock exclusion fencing, control of invasive riparian or aquatic species, removal of fish passage barriers, in-channel and off-channel fish habitat improvement, creation or expansion of wetlands, control of sediment delivery.

RESOURCE CATEGORY IV: FOREST INVENTORY/TIMBER/WOOD PRODUCTS

Resource Conditions

Site quality, unstocked or understocked stands, overstocked stands, site inappropriate species, tree form and quality, tree damage, insect infested/diseased trees, competing vegetation.

Management Practices

Afforestation, reforestation, conversion of brush patches or understocked stands to trees, competing vegetation control, animal damage control, release from brush competition, pre-commercial thinning, commercial thinning, pruning, fertilization, root disease control, species conversion.

RESOURCE CATEGORY V: PROPERTY ACCESS/ROADS/TRAILS

Resource Conditions

Road and trail surface type and condition, erosion or drainage issues, ditch and culvert conditions, need for maintenance, repair, upgrades, abandonment, or new construction. Trespass, access, or easement issues.

Management Practices

Access/use restrictions, grading, new or additional rock surfacing, ditch and culvert maintenance, install/improve drainage or erosion control devices, install/replace culverts, upgrade undersized culverts, install/repair/replace/remove stream crossing structures, right of way vegetation control, erosion control seeding, removal of hazard trees near roads and trails, installation of gates, fencing, signage or access control devices, boundary marking, routine inspection of roads/trails, prompt inspection of roads/trails following storm events, new road or trail construction, road or trail abandonment.

RESOURCE CATEGORY VI: WILDLIFE

Resource Conditions

Food, water, shelter/cover, nesting/rearing habitat, travel corridors, snags, downed woody debris, designated wildlife leave trees or habitat recruitment trees, nesting and roosting structures, food plots/forage seeding areas, tree and shrub plantings. Animal damage problems.

Management Practices

Snag/woody debris retention and creation, installation of nesting structures, forage seeding, retention and planting of food producing tree and shrub species, spring development, water guzzler installation, variable density thinning, wetland creation or enhancement, designation and retention of wildlife leave trees. Animal damage control measures.

RESOURCE CATEGORY VII: PROTECTION OF SPECIAL RESOURCES

Refer to the DNR publication Forest Practices Illustrated (pages 22-27, 100-101) for examples of threatened, endangered, cultural, and historic resources and further discussion regarding their protection and sources of additional information. Additional helpful information can also be found on websites for the Washington Department of Fish and Wildlife (Priority Habitats and Species); Washington Natural Heritage Program (rare/endangered plants); and Washington Department of Archaeology and Historic Preservation.

RESOURCE CATEGORY VIII: AESTHETICS AND RECREATION

Resource Conditions

Panoramic vistas, viewpoints, waterfalls, unique geologic features, cabins, camping and picnicking areas, aesthetic buffers to undesirable views. Access, suitability, and infrastructure for current and proposed recreational activities by the owners or others (e.g. picnicking, hiking, camping, fishing, hunting, bird watching/nature study, horseback riding, mountain biking, x-c skiing, swimming, boating, snowmobiling, ATV's, group recreation or education events, etc.).

Management Practices

Activities to create, improve, or maintain recreational access and infrastructure. Create, maintain, or improve viewpoints. Retain or create aesthetic buffers. Activities to enhance user safety during recreational use. Activities to control, restrict, or direct recreational use.

RESOURCE CATEGORY IX: SPECIALIZED FOREST PRODUCTS (OPTIONAL)

Resource Conditions

Presence and condition of floral greens, boughs, Christmas trees, mushrooms, berries and other edibles, medicinal plants, etc. Current condition and functional status of any agroforestry practices such as windbreaks, silvopasture, ally cropping, and forest farming. Current or potential income opportunities from biomass, carbon sequestration, ecosystem services, ecotourism, land leasing, etc.

Management Practices

Thinning, pruning, fertilization, shearing, weed control, planting, seeding, insect and disease control, etc.

END

February 14, 2012

