

## APPENDIX I MONITORING

### Monitoring Summary Table

The monitoring summary table lists the major items to be monitored. The focal point for each monitoring item is the monitoring need. Each monitoring item comes from one or more monitoring needs (legal requirements, desired conditions, or objectives. Not all monitoring is needed each year. Annually needs that best answer the monitoring question for each resource area will be identified through the annual monitoring schedule process.

**Table I-1: Monitoring Matrix, Contents, and Definitions**

Content	Definition
Resource Area	A quantitative or qualitative parameter that can be assessed.
Monitoring Needs	Monitoring Needs identify the reason why particular items are monitored. Following is a list of monitoring needs: (1) Legal and regulatory requirements and Forest Service Manual direction; (2) Forest Plan desired conditions, priorities, objectives and performance indicators, and design criteria (standards); (3) Validation of assumptions and predictions; and (4) Court rulings. Legal and regulatory drivers are described whereas desired conditions, priorities, objectives, and standards are referenced. Refer to Chapters 2 and 3 for full description of these needs.
Measurement Frequency	Describes how often monitoring information is collected.
Evaluation and Reporting Frequency	Describes how often monitoring information is evaluated and reported.
Precision and Reliability	<p>Precision is the exactness or accuracy of the measuring technique with which data are collected. Reliability is the expected probability that information acquired through sampling reflects actual conditions of the Forests' situation. Both precision and reliability are qualitatively rated as high, moderate, or low. Standards for precision and reliability accuracy levels are:</p> <p>High (H) - Within 10%                      Moderate (M) - Within 30%                      Low (L) - Within 50%                      N/A - Not determinable</p>

The following sets of tables summarize monitoring needs for mandatory monitoring elements.

**Table I-2: Monitoring Summary Table Mandatory Items**

Resource Area	Monitoring Need	Measurement Frequency	Reporting Frequency	Precision & Reliability
All	NFMA. A quantitative estimate of performance comparing outputs and services with those projected by the Forest Plan.	Annual	Annual	H
All	NFMA. Documentation of costs associated with carrying out the planned management prescriptions as compared with costs estimated in the Forest Plan.	Annual	Annual	H
Soils	NFMA. Documentation of the measured prescriptions and effects, including significant changes in productivity of the land.	1-5 years	1-5 years	M
Timber	NFMA. Lands are adequately restocked as specified in the Forest Plan.	Annual	Annual	H
Timber	NFMA. Lands identified as not suited for timber production are examined at least every 10 years to determine if they have become suited; and that, if determined suited, such lands are returned to timber production.	10 years	10 years	H
Timber	NFMA. Maximum size limits for harvest areas are evaluated to determine whether such size limits should be continued.  Priority-vegetation management. Manage forest ecosystems to maintain or restore composition (mix of species), structure (age class distribution), and function (resulting in benefits to the ecosystem and humans) within desired ranges of variability	10 years	10 years	M

**Table I-2: Monitoring Summary Table Mandatory Items. (Continued)**

Resource Area	Monitoring Need	Measurement Frequency	Reporting Frequency	Precision & Reliability
Insects & Disease	NFMA. Destructive insects and disease organisms do not increase to potentially damaging levels following management activities.	Annual	Annual	M
Wildlife	Priority-wildlife management Provide diverse habitats that will support viable populations of all native and desirable introduced wildlife. Maintain and, where appropriate, improve habitat to provide adequate populations of game species for hunting	Annual	1-5 years	M

The following sets of tables summarize monitoring needs for desired conditions of major forest communities and various resource programs on the Ozark-St. Francis National Forests Chapter 1.

**Table I-3: Summary Table Desired Conditions Chapter 1**

Resource Area	Monitoring Needs			
Major Forest Communities	Monitoring Elements			
For major forest communities in general, monitor and evaluate trends in:	<ul style="list-style-type: none"> <li>▶ Abundance of mature forest across all forest types</li> <li>▶ Abundance of old growth forest across all forest types</li> <li>▶ Abundance of regenerating forest across all forest types</li> <li>▶ Abundance of regenerating and young forest across all forest types</li> </ul>			
	Measurement Frequency	Reporting Frequency	Precision & Reliability	
	1-5 years	1-5 years	M	

**Table I-3: Summary Table Desired Conditions Chapter 1. (Continued)**

Resource Area	Monitoring Needs		
Major Forest Communities	Monitoring Elements		
Dry Oak Forest and Woodland	<ul style="list-style-type: none"> <li>▶ Total abundance of the community</li> <li>▶ Abundance of mature forest and woodland</li> <li>▶ Abundance of old growth</li> <li>▶ Abundance of regenerating forest</li> <li>▶ Abundance of regenerating and young forest</li> <li>▶ Abundance of woodland</li> <li>▶ Proportion of the community burned at desired intervals and seasons</li> <li>▶ Abundance of mature and mid-aged forest that is in an open canopy condition</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M
Major Forest Communities	Monitoring Elements		
Shortleaf Pine-Oak Forest and Woodland	<ul style="list-style-type: none"> <li>▶ Total abundance of the community</li> <li>▶ Abundance of mature forest and woodland</li> <li>▶ Abundance of old growth</li> <li>▶ Abundance of regenerating forest</li> <li>▶ Abundance of regenerating and young forest</li> <li>▶ Abundance of woodland</li> <li>▶ Proportion of the community burned at desired intervals and seasons</li> <li>▶ Abundance of mature and mid-aged forest that is in an open canopy condition</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M
Major Forest Communities	Monitoring Elements		
Dry-Mesic Oak Forest	<ul style="list-style-type: none"> <li>▶ Total abundance of the community</li> <li>▶ Abundance of mature forest and woodland</li> <li>▶ Abundance of old growth</li> <li>▶ Abundance of regenerating forest</li> <li>▶ Abundance of regenerating and young forest together</li> <li>▶ Proportion of the community burned at desired intervals and seasons</li> <li>▶ Abundance of mature and mid-aged forest that is in an open canopy condition</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M

**Table I-3: Summary Table Desired Conditions Chapter 1. (Continued)**

<b>Resource Area</b>	<b>Monitoring Needs</b>		
<b>Major Forest Communities</b>	<b>Monitoring Elements</b>		
Mesic Hardwood Forest	▶ Monitor and evaluate trends in total abundance of the community		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M
<b>Major Forest Communities</b>	<b>Monitoring Elements</b>		
Riparian Forest	▶ Monitor and evaluate trends in total abundance of the community		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M
<b>Major Forest Communities</b>	<b>Monitoring Elements</b>		
Loblolly Pine Forest	▶ Monitor and evaluate trends in total abundance of the community on both forests		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M
<b>Major Forest Communities</b>	<b>Monitoring Elements</b>		
Loess Slope Forest, St. Francis NF	<ul style="list-style-type: none"> <li>▶ Total abundance of the community</li> <li>▶ Abundance of mature forest</li> <li>▶ Abundance of old growth</li> <li>▶ Abundance of regenerating forest</li> <li>▶ Abundance of regenerating and young forest together</li> <li>▶ Proportion of the community burned at desired intervals and seasons</li> <li>▶ Abundance of mature and mid-aged forest that is in an open canopy condition</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M

**Table I-3: Summary Table Desired Conditions Chapter 1. (Continued)**

<b>Resource Area</b>	<b>Monitoring Needs</b>		
<b>Major Forest Communities</b>	<b>Monitoring Elements</b>		
Bottomland and Floodplain Forest, St. Francis NF	<ul style="list-style-type: none"> <li>▶ Total abundance of the community</li> <li>▶ Abundance of mature forest</li> <li>▶ Abundance of old growth</li> <li>▶ Abundance of regenerating forest</li> <li>▶ Abundance of regenerating and young forest together</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M
<b>Major Forest Communities</b>	<b>Monitoring Elements</b>		
Rare Communities, Both Forests	<ul style="list-style-type: none"> <li>▶ Number of occurrences and acreage of each rare community type</li> <li>▶ Percent of occurrences or acreage at desired conditions</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	3 years	3 years	M
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Fish and Wildlife	<ul style="list-style-type: none"> <li>▶ Abundance and distribution of selected non-native invasive species</li> <li>▶ Abundance of remote habitat</li> <li>▶ Habitat and status of federally-listed threatened and endangered species, and of selected sensitive and locally rare species</li> <li>▶ Habitat and population trends for management indicator species</li> <li>▶ Composition of stream fish communities</li> <li>▶ Relative abundance of all species in stream communities focusing on feeding and breeding groups as part of an index to biotic integrity (IBI).</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	5 years	5 years	H/M

**Table I-3: Summary Table Desired Conditions Chapter 1. (Continued)**

<b>Resource Area</b>	<b>Monitoring Needs</b>		
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Watershed	<ul style="list-style-type: none"> <li>▶ Annually report the level of BMP compliance as a percent of the number of projects investigated</li> <li>▶ Annually track the acres of watershed restoration/improvement and soil/water conservation projects</li> <li>▶ Conduct stream condition surveys during watershed analysis and report combined results every five years</li> <li>▶ Conduct five year trend analysis based on the above monitoring</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	H/M
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Lands	<ul style="list-style-type: none"> <li>▶ Annually report acres of land adjustment (purchase, easements, etc) and the reasons for that adjustment.</li> <li>▶ Report annually miles surveyed to establish clear boundaries and the number of occupancy trespasses resolved.</li> <li>▶ Every fifth year, an evaluate land ownership complexity and determine progress in reducing the amount of interface with private lands and the number of occupancy trespasses.</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	5 years	H
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Special Uses	<ul style="list-style-type: none"> <li>▶ Every fifth year evaluate to determine if resource values in permitted areas are being sustained and being used efficiently (minimizing acres encumbered) in harmony with other uses and resources.</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	5 years	5 years	M
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Recreation	<ul style="list-style-type: none"> <li>▶ Annually report the number of recreation sites maintained to standard and occupancy/use rates</li> <li>▶ Maintain a facility condition and maintenance backlog index</li> <li>▶ Every fifth year, evaluate trends in annual indicators and visitor satisfaction surveys to determine if the Forest has provided quality recreational experiences that result in increased visitor satisfaction (currently through NVUM process)</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	5 years	H

**Table I-3: Summary Table Desired Conditions Chapter 1 (Continued).**

<b>Resource Area</b>	<b>Monitoring Needs</b>		
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Recreation - Conservation Education	<ul style="list-style-type: none"> <li>▶ Each year document the number of certificates for appreciative behavior; number of non-government organizations, groups, and volunteers involved in activities</li> <li>▶ Each year document the number and type of educational programs developed and the number of students reached</li> <li>▶ Every fifth year, evaluate the interdisciplinary conservation education program and its effectiveness</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	5 years	M
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Recreation - Scenery	<ul style="list-style-type: none"> <li>▶ Report whether a landscape architect was consulted where project implementation was likely to affect scenic integrity, and if applicable, to what degree SIOs were maintained/achieved</li> <li>▶ Report annually the number and type of management projects conducted in areas having a high SIO</li> <li>▶ During implementation monitoring reviews, determine if the project under review adequately considered SIOs</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	5 years	M
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Recreation - Heritage	<ul style="list-style-type: none"> <li>▶ Annually report sites managed to standard (sites inventoried, evaluated, protected, promoted, preserved, restored, rehabilitated, monitored, or enhanced)</li> <li>▶ Every fifth year, evaluate progress in increasing the number of heritage resources protected and managed to standard</li> <li>▶ Every decade update the Heritage Resource Overview</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5-10 years	H

**Table I-3: Summary Table Desired Conditions Chapter 1 (Continued).**

<b>Resource Area</b>	<b>Monitoring Needs</b>		
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Tribal and Native American Interests	<ul style="list-style-type: none"> <li>▶ Annually report the number and acres of resources protected, conserved or restored; agreements and protocols executed; and number of consultations</li> <li>▶ Every fifth year, evaluate Native American feedback and satisfaction as an indicator of progress toward the desired condition</li> <li>▶ Annually participate in the leadership of the To Bridge a Gap Conference</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	5 years	H
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Law Enforcement	<ul style="list-style-type: none"> <li>▶ Annually report on the number of accidents, citations, acres, and type of impact of each illegal activity</li> <li>▶ Every fifth year evaluate trends in unlawful or criminal behaviors including cumulative impacts to natural resources</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	H
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Facilities	<ul style="list-style-type: none"> <li>▶ Annually report numbers of facilities maintained to standard</li> <li>▶ Maintain a facility condition and maintenance backlog index</li> <li>▶ Every fifth year, evaluate trends in the facility condition index and maintenance backlog to determine progress toward the desired condition</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Transportation and Public Access	<ul style="list-style-type: none"> <li>▶ Annually report the number of miles of road and trails maintained and operated to meet the objective maintenance level and class</li> <li>▶ Annually report the number of miles of unclassified roads removed or classified into the system</li> <li>▶ Every fifth year, evaluate trends in miles of road and trail facilities and trends in number of accidents per year</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M

**Table I-3: Summary Table Desired Conditions Chapter 1 (Continued).**

<b>Resource Area</b>	<b>Monitoring Needs</b>		
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Transportation and Public Access - Off Highway Vehicles	<ul style="list-style-type: none"> <li>▶ Report annually the total miles of roads and trails available for use by off-highway vehicles</li> <li>▶ Every fifth year, evaluate visitor satisfaction surveys, including the number of conflicts identified by field staff or reported by the public and the resolution of the complaints to determine if progress is being made toward the desired condition</li> <li>▶ Annually review off-road vehicle management plans and temporary designations implemented since the last annual review. OHV plan revisions will be subject to public participation as stated in 36 CFR Section 295.3</li> <li>▶ Review every three to five years the OHV use strategy and designations to determine whether the open or closed OHV use designations, location of the trails, vehicle types, and seasons of use are still valid</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Minerals	<ul style="list-style-type: none"> <li>▶ Annually report the number of operating plans managed to standard including the number and type of mitigation standards implemented</li> <li>▶ Every fifth year, evaluate the percentage of mineral developments that reduce the surface disturbance footprint and reduce siltation or other sources of environmental degradation</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M
<b>Resource Program</b>	<b>Monitoring Elements</b>		
Range	<ul style="list-style-type: none"> <li>▶ Each year document the number of acres in allotments managed to standard</li> <li>▶ Every fifth year, evaluate rangeland condition and trends to determine progress toward the desired condition</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M

**Table I-3: Summary Table Desired Conditions Chapter 1 (Continued).**

Resource Area	Monitoring Needs		
Resource Program	Monitoring Elements		
Fire Management	<ul style="list-style-type: none"> <li>▶ Annually report the number of acres of hazardous fuel reduction in WUI including those implemented through cooperative agreements</li> <li>▶ Document the number of communities or facilities protected by treatments</li> <li>▶ Every fifth year, evaluate progress toward the desired condition through an analysis of the status of high hazard and high-risk areas</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	H

The following sets of tables summarize monitoring of performance indicators found in Chapter 2 for objectives for various resource programs on the Ozark-St. Francis National Forests.

**Table I-4: Summary Table Program Objectives and Performance Indicators (Chapter 2).**

Resource Area	Monitoring Needs		
Resource Program	Monitoring Elements		
Land Management Planning Forest Plan Monitoring and Evaluation	<p><b>OBJ01.</b> Complete an Environmental Management System (EMS) within the 1<sup>st</sup> five years of the planning cycle. <b>Performance Indicator:</b> Completed EMS</p>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	5 years	5 years	H
Resource Program	Monitoring Elements		
Vegetation and Forest Health - Major Communities	<p><b>OBJ02.</b> Follow silviculture allocation direction for management areas outlined in Appendix F of this LRMP. <b>Performance Indicator:</b> Through FACTS, report annually, acres allocated by management area and silviculture prescription.</p> <p><b>OBJ03.</b> Across all community types, maintain more than 50% of the total forest and woodland acreage in a mature condition. Over time, develop old growth conditions on approximately 20% of forested acres. <b>Performance Indicator:</b> Percent of mature forest and old growth forest.</p> <p><b>OBJ04.</b> Restore and maintain at least 22,000 acres of oak woodland over the 1<sup>st</sup> decade, with a long-term objective of 110,000 acres of oak woodland. <b>Performance Indicator:</b> Acres of oak woodland restored annually.</p> <p><b>OBJ05.</b> Restore at least 20,000 acres of pine woodland over the 1<sup>st</sup> decade, with a long-term objective of 100,000 acres of pine woodland. <b>Performance Indicator:</b> Acres of pine woodland restored annually.</p> <p><b>OBJ06.</b> Across all community types, maintain a range of 3.8 – 6.8% of the total forest and woodland acreage in regenerating forest conditions (0-10 years old). <b>Performance Indicator:</b> Percentage of forest in regenerating conditions.</p> <p><b>OBJ07.</b> Across all community types, burn under prescribed conditions 120,000 acres annually on average. Burn approximately one third of this acreage within the growing season (April 1 through October 15). <b>Performance Indicator:</b> Acres burned under prescription per year, and acres burned within the growing season.</p>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	5 years	5 years	H

**Table I-4: Summary Table Program Objectives and Performance Indicators (Chapter 2). (Continued)**

Resource Area	Monitoring Needs			
Resource Program	Monitoring Elements			
Vegetation and Forest Health-Insect and Disease Management	<p><b>OBJ08.</b> Reduce the risk of oak and pine mortality events by thinning and regenerating at least 150,000 acres within the first decade. <b>Performance Indicator:</b> Acres thinned and regenerated annually.</p>			
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>	
	5 years	5 years	H	
Resource Program	Monitoring Elements			
Vegetation and Forest Health-Non-Native Invasive Species	<p><b>OBJ09.</b> Treat at least 200 acres per year for reduction or elimination of non-native, invasive species. <b>Performance Indicator:</b> Acres treated.</p>			
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>	
	5 years	5 years	H	
Resource Program	Monitoring Elements			
Fish and Wildlife – Demand Species	<p><b>OBJ10.</b> Improve and then maintain bobwhite quail habitat on 5000 acres per year for the 1<sup>st</sup> decade. <b>Performance Indicator:</b> Acres improved through oak or pine woodland restoration, or acres in early seral stages</p> <p><b>OBJ11.</b> Improve and then maintain habitat for whitetail deer on 10,000 acres per year for the 1<sup>st</sup> decade. <b>Performance Indicator:</b> Acres improved annually.</p> <p><b>OBJ12.</b> Improve and then maintain habitat for eastern wild turkey on 10,000 acres per year for the 1<sup>st</sup> decade. <b>Performance Indicator:</b> Acres improved annually.</p> <p><b>OBJ13.</b> Improve and then maintain habitat for black bear on 8,000 acres per year for the 1<sup>st</sup> decade. <b>Performance Indicator:</b> Acres improved annually.</p> <p><b>OBJ14.</b> Improve winter forage grounds and maintain high grass and forb plant communities for elk on 480 acres over the 1<sup>st</sup> decade. <b>Performance Indicator:</b> Acres improved.</p> <p><b>OBJ15.</b> Maintain habitat at 2004 levels for largemouth and smallmouth bass during the next 3-5 years. <b>Performance Indicator:</b> Acres maintained.</p> <p><b>OBJ16.</b> Increase the amount of fish structures in large lakes by 100 acres over the 1<sup>st</sup> decade. <b>Performance Indicator:</b> Acres of structural improvement annually.</p>			

**Table I-4: Summary Table Program Objectives and Performance Indicators (Chapter 2). (Continued)**

Resource Area	Monitoring Needs		
Fish and Wildlife – Demand Species (Continued)	Measurement Frequency	Reporting Frequency	Precision & Reliability
	3-10 years	3 10 years	H
Resource Program	Monitoring Elements		
Fish and Wildlife - Threatened, Endangered, and Sensitive Species	<p><b>OBJ17.</b> Improve roosting and foraging conditions in secondary buffers around Indiana Bat hibernacula on 750 acres per year for the 1<sup>st</sup> decade. <b>Performance Indicator:</b> Acres improved annually</p>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	10 years	10 years	H
Resource Program	Monitoring Elements		
Soil and Water and Air	<p><b>OBJ18.</b> Protect and improve the Air Quality Related Values of the Class I Area. <b>Performance Indicator:</b> Number of AQRV monitoring sites, number of PSD permits reviewed and number of regional air quality planning committees participated in.</p> <p><b>OBJ19.</b> Conduct watershed improvements on 20 acres per year. <b>Performance Indicator:</b> Acres treated.</p> <p><b>OBJ20.</b> Fence out livestock from SMZs and riparian areas as identified. <b>Performance Indicator:</b> Miles of SMZ fenced.</p> <p><b>OBJ21.</b> Maintain or restore between 30–70% of the total perennial stream/river surface area of the NHD (National Hydrography Dataset) reaches as pool habitat in the 1<sup>st</sup> decade. <b>Performance Indicator:</b> Percentage of NHD streams pool habitat</p> <p><b>OBJ22.</b> Maintain or restore LWD (Large Woody Debris) levels in perennial streams/ivers at 75–200 pieces/mile for all LWD larger than 3.3 feet long and 3.9 inches in diameter in the 1<sup>st</sup> decade. <b>Performance Indicator:</b> LWD composition in perennial streams after 10 years.</p> <p><b>OBJ23.</b> Maintain or restore LWD levels in perennial streams/ivers at 8-20 pieces/mile for all LWD larger than 16.4 feet long and 19.7 inches in diameter in the 1<sup>st</sup> decade. <b>Performance Indicator:</b> LWD composition in perennial streams after 10 years.</p>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	10 years	10 years	M

**Table I-4: Summary Table Program Objectives and Performance Indicators (Chapter 2).**

Resource Area	Monitoring Needs			
Resource Program	Monitoring Elements			
Lands and Special Uses – Boundaries and Corner Lines	<p><b>OBJ24.</b> Maintain existing known corner monuments. <b>Performance Indicator:</b> Number of corners maintained.</p> <p><b>OBJ25.</b> Survey and monument lost/obliterated or found corners on a township basis (the basic PLSS unit which is also the most cost effective). <b>Performance Indicator:</b> Number monuments restored.</p> <p><b>OBJ26.</b> Establish new (heretofore <u>not</u> marked to FS standard) on-the-ground boundary line to the extent funding is available. <b>Performance Indicator:</b> New boundary lines established.</p> <p><b>OBJ27.</b> Maintain existing (heretofore marked to FS standard) on-the-ground boundary line to the extent funding is available. <b>Performance Indicator:</b> Miles of line maintained.</p>			
		<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
		10 years	10 years	M
Resource Program	Monitoring Elements			
Recreation - Trails	<p><b>OBJ28.</b> In conjunction with designating low maintenance standard roads develop a system of motorized trails that address the needs of OHV enthusiasts. <b>Performance Indicator:</b> Miles of new motorized trails.</p> <p><b>OBJ29.</b> Within the first five years of the planning period, provide maps that show OHV route systems and using designated roads. <b>Performance Indicator:</b> Maps completed.</p> <p><b>OBJ30.</b> Conduct maintenance on at least 100 miles of trails (non-motorized use) per year. <b>Performance Indicator:</b> Miles of trail maintained to standard annually</p>			
		<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
		1-5 years	1-5 years	H
Resource Program	Monitoring Elements			
Recreation – Conservation Education	<p><b>OBJ31.</b> Increase partnerships by approximately 20% during the planning cycle. <b>Performance Indicator:</b> Percent increase in partnerships.</p>			
		<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
		10 years	10 years	M

**Table I-4: Summary Table Program Objectives and Performance Indicators (Chapter 2).**

Resource Area	Monitoring Needs		
Resource Program	Monitoring Elements		
Recreation – Scenery Management	<p><b>OBJ32.</b> Within 3 years, the Forests will map the existing scenic integrity levels to compare with the proposed scenic integrity objectives for each management area. <b>Performance Indicator:</b> Inventory of existing scenic integrity level.</p> <p><b>OBJ33.</b> Within one year, update the scenery treatment guide for both forests. <b>Performance Indicator:</b> Updated guide.</p> <p><b>OBJ34.</b> Improve or maintain all designated scenic overlooks at least once per decade. <b>Performance Indicator:</b> Number improved or maintained per year; percent maintained or improved per decade.</p>		
		<b>Measurement Frequency</b>	<b>Reporting Frequency</b>
		1-10 years	1-5 years
			<b>Precision &amp; Reliability</b>
			H
Resource Program	Monitoring Elements		
Recreation – Heritage Resources	<p><b>OBJ35.</b> Evaluate historic sites for appropriate management. Develop site management plans for noteworthy heritage resources wherever they occur. <b>Performance Indicator:</b> Number of management plans.</p> <p><b>OBJ36.</b> Provide public involvement programs with opportunities for people to partner in the stewardship of heritage resource sites. <b>Performance Indicator:</b> Number of programs (PIT, AAS digs, etc.)</p> <p><b>OBJ37.</b> Develop public involvement programs to foster partnership in heritage resource stewardship to aid in identifying and evaluating heritage sites. <b>Performance Indicator:</b> Number of partnerships.</p> <p><b>OBJ38.</b> Increase the heritage resource database by surveying non-project acreage. <b>Performance Indicator:</b> Acres of non-project surveys.</p>		
		<b>Measurement Frequency</b>	<b>Reporting Frequency</b>
		1-5 years	1-5 years
			<b>Precision &amp; Reliability</b>
			H
Resource Program	Monitoring Elements		
Tribal Native American Relationships	<p><b>OBJ39.</b> Within this planning cycle, develop government-to-government programmatic agreements which define protocols with all local recognized tribes and organized groups of interested Native Americans. <b>Performance Indicator:</b> .Programmatic agreements developed.</p> <p><b>OBJ40.</b> During the next 3-5 years, expand the Native American Wildland Firefighting Training program. <b>Performance Indicator:</b> Native American fire fighters trained annually.</p>		
		<b>Measurement Frequency</b>	<b>Reporting Frequency</b>
		1-5 years	1-5 years
			<b>Precision &amp; Reliability</b>
			H

**Table I-4: Summary Table Program Objectives and Performance Indicators (Chapter 2).**

Resource Area	Monitoring Needs		
Resource Program	Monitoring Elements		
Facilities	<p><b>OBJ41.</b> Identify and evaluate applicable property or buildings of potential historic value in support of the facility master plan. Remove the facilities that have been abandoned or no longer needed, and restore the sites to natural conditions. <b>Performance Indicator:</b> Number of facilities removed.</p> <p><b>OBJ42.</b> Construct new facilities to accommodate supplementary fire employees and equipment. <b>Performance Indicator:</b> Number of facilities constructed.</p> <p><b>OBJ43.</b> Eliminate two leased facilities by 2015. <b>Performance Indicator:</b> Leases eliminated by 2015.</p> <p><b>OBJ44.</b> Eliminate 10% of other non-essential administrative facilities by 2015. <b>Performance Indicator:</b> Non-essential facilities remaining as a percentage of the FY 2005 baseline (to be determined).</p> <p><b>OBJ45.</b> Upgrade all identified publicly accessible facilities to Architectural Barriers Act standards as appropriate. <b>Performance Indicator:</b> Percentage of publicly accessible facilities upgraded.</p> <p><b>OBJ46.</b> Complete energy efficiency upgrades on all administrative buildings and complete identified work on 10% of administrative buildings needing upgrades by 2015. <b>Performance Indicator:</b> Percentage of administrative buildings needing work with energy efficiency upgrades completed by 2015.</p> <p><b>OBJ47.</b> Inspect all buildings compliance with health and safety standards and address all identified health and safety issues. <b>Performance Indicator:</b> Percentage of inspected buildings that met health and safety standards.</p>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	M

**Table I-4: Summary Table Program Objectives and Performance Indicators Chapter 2 (Continued)**

Resource Area	Monitoring Needs		
Resource Program	Monitoring Elements		
Transportation and Public Access – Transportation System	<p><b>OBJ48.</b> Add unclassified roads to the Forest Service Road System when site-specific road analysis determines there is a need for the road. <b>Performance Indicator:</b> Number of roads added.</p> <p><b>OBJ49.</b> Decommission roads and trails unnecessary for conversion to either the road or trail systems through the roads analysis process. <b>Performance Indicator:</b> Number of roads decommissioned.</p> <p><b>OBJ50.</b> Reduce the number of unnecessary or redundant unclassified roads. <b>Performance Indicator:</b> Number of roads removed from the Forest Service Road System.</p> <p><b>OBJ51.</b> Identify by the 1st decade all system roads that should be obliterated <b>Performance Indicator:</b> Miles of system roads decommissioned.</p> <p><b>OBJ52.</b> Obliterate 15 percent of roads identified under the previous objective by the 2nd decade. <b>Performance Indicator:</b> Miles of road obliterated.</p> <p><b>OBJ53.</b> Reduce miles of road under Forest Service maintenance. <b>Performance Indicator:</b> Miles of system roads eliminated from road maintenance inventory per year.</p> <p><b>OBJ54.</b> Improve aquatic organism passage on an average of no less than six stream crossings per year (where there are road-related barriers to passage). <b>Performance Indicator:</b> Number of stream crossings where aquatic organism passage is improved.</p>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	H
Resource Program	Monitoring Elements		
Fire Management – Community Protection	<p><b>OBJ55.</b> Improve condition class in all WUI areas within five years. <b>Performance Indicator:</b> Acres of improved condition class per year and cumulative percent of all WUI acres with improved condition class.</p> <p><b>OBJ56.</b> Within 15 years, restore 15 to 20% of all ecological communities into Fire Regime CC 1. <b>Performance Indicator:</b> Acres restored into FRCC Class 1 annually.</p> <p><b>OBJ57.</b> Annually complete 50,000 to 100,000 acres of hazardous fuel reduction. <b>Performance Indicator:</b> Acres burned, mechanically or chemically treated for fuels reduction per year.</p>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	1-5 years	H

**Table I-4: Summary Table Program Objectives and Performance Indicators Chapter 2 (Continued)**

Resource Area	Monitoring Needs		
Resource Program	Monitoring Elements		
<p>Fire Management - Prescribed Burning</p>	<p><b>OBJ58.</b> Priority 1-Treat approximately 3,500 acres of Federal lands adjacent (within 1/2 mile) of Communities at Risk over the next 5 years. Emphasize mechanical treatments designed specifically to lower condition class and associated wildfire risk. In concert with the Arkansas Forestry Commission, over the next 5 years, treat approximately 55,000 acres of private and Federal lands in the wildland urban interface/intermix (WUI) areas as identified in <a href="http://silvis.forest.wisc.edu/projects/WUI_Main.asp">http://silvis.forest.wisc.edu/projects/WUI_Main.asp</a>. <b>Performance Indicator:</b> Acres treated within 1/2 mile of communities at risk.</p> <p><b>OBJ59.</b> Priority 2-Expand treatments applied Priority 1 to improve condition class ratings in WUI areas that are within 1.5 miles of private ownerships with structures. Treat approximately 100,000 to 150,000 acres over the next 5-10 years. Identify and treat areas where snag hazards pose safety problems to firefighters and/or the public (particularly in oak mortality areas). <b>Performance Indicator:</b> Acres treated within 1.5 miles of Communities at Risk.</p> <p><b>OBJ60.</b> Priority 3 - Over the next 5-10years, treat approximately 100,000 to 150,000 acres with resource objectives combining hazardous fuel reduction with the restoration of fire-adapted ecosystems. Focus on restoration of habitat for threatened, endangered, or sensitive species where periodic fire and reference conditions are expected to promote species viability. Prioritize work to take full advantage of partnerships with non-government organizations (NGOs) and other state and Federal agencies. <b>Performance Indicator:</b> Acres burned annually.</p> <p><b>OBJ61.</b> Across all community types, burn under prescribed conditions 120,000 acres annually on average. <b>Performance Indicator:</b> Acres burned under prescription per year.</p>		
	<p><b>Measurement Frequency</b></p>	<p><b>Reporting Frequency</b></p>	<p><b>Precision &amp; Reliability</b></p>
	<p>1-5 years</p>	<p>1-5 years</p>	<p>H</p>

**Table I-4: Summary Table Program Objectives and Performance Indicators Chapter 2 (Continued)**

Resource Area	Monitoring Needs			
Resource Program	Monitoring Elements			
Commodities - Timber	<p><b>OBJ62.</b> Provide 731 MMBF (146 MMCF) per decade of sawtimber and pulpwood. <b>Performance Indicator:</b> Volume of timber sold per year and a running annual average.</p> <p><b>OBJ63.</b> In Management Area 3.E and appropriate portions of other MAs, apply appropriate silviculture prescriptions to provide the following forest products: 18" to 20" sawtimber with grade 1 or 2 butt logs and/or Yellow Pine 18" sawtimber. <b>Performance Indicator:</b> During inventory, determine average diameter.</p> <p><b>OBJ64.</b> In MA 3.C and appropriate portions of other MAs, apply appropriate silviculture prescriptions to provide the following forest products: 14" to 16" sawtimber with grade 2 butt logs and/or yellow pine 18" sawtimber. <b>Performance Indicator:</b> During inventory, determine average diameter.</p>			
		<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
		1-5 years	1-5 years	H
Resource Program	Monitoring Elements			
Commodities - Minerals	<p><b>OBJ65.</b> Process all applications for federal mineral leases, licenses, and permits within 120 days. <b>Performance Indicator:</b> Number and percent of applications processed in 120 days.</p> <p><b>OBJ66.</b> Process all operations proposed under outstanding and reserved mineral rights within 60 days and 90 days. <b>Performance Indicator:</b> Number and percent of operations proposed within 60-90 days.</p>			
		<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
		1-5 years	1-5 years	M

The following sets of tables summarize monitoring needs for performance indicators and specific monitoring elements for management areas. Not all management areas have objectives or monitoring elements. Some of these may be included in forestwide monitoring, in Chapter 2.

**Table I-5: Summary Tables for Management Area Monitoring Chapter 2.**

Resource Area	Monitoring Needs		
Management Area	Objectives and Monitoring Elements		
1.A and 1.B Designated and Recommended Wilderness	<p><b>MAOBJ.1</b> Conduct inventories to determine the presence and extent of non-native invasive species in wildernesses by 2010. Based on results of these inventories, develop and implement appropriate monitoring and treatment programs. <b>Performance Indicators:</b> Inventories completed; monitoring plans completed; acres treated for invasive species control.</p> <p>Within the wilderness management area, monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Visitor use and resource damage using the Limits of Acceptable Change (LAC) process.</li> <li>▶ Old roads and trails reverting back to a natural appearance.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	1-5 years	1-10 years	H
Management Area	Objectives and Monitoring Elements		
1.C and 1.D Designated and Recommended Wild and Scenic Rivers	<p><b>MAOBJ.2</b> Review and revise wild and scenic river plans 1<sup>st</sup> decade. <b>Performance Indicator:</b> Plans revised.</p> <p>Within the Wild and Scenic River Management Area, monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Visitor use in wild sections.</li> <li>▶ Visitor satisfaction.</li> <li>▶ Changes in outstandingly remarkable values for both scenic and recreational sections.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	1-5 years	1-5 years	M
Management Area	Objectives and Monitoring Elements		
1.F Research Natural Areas	<p>Within the RNA Management Area, monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Ecological communities conditions to be used as a baseline to compare against other forest ecosystems.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	1-5 years	5-10 years	M

**Table I-5: Summary Tables for Management Area Monitoring Chapter 2. (Continued)**

Resource Area	Monitoring Needs		
Management Area	Objectives and Monitoring Elements		
1.G Special Interest Areas	Within the SIA Management Area, monitor and evaluate trends in: <ul style="list-style-type: none"> <li>▶ Public interpretation of unique SIA values.</li> <li>▶ Management plans completed.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	1-5 years	1-5 years	H
Management Area	Objectives and Monitoring Elements		
1.H Scenic Byway Corridors	<p><b>MAOBJ.3</b> Improve or maintain all designated scenic overlooks at least once per decade. <b>Performance Indicators:</b> Number improved or maintained per year; percent maintained or improved per decade.</p> <p><b>MAOBJ.4</b> Complete one scenic byway management plan each year: <b>Performance indicator:</b> Management plans completed annually.</p> <p>Within the Scenic Byway Management Area, monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Meeting scenic integrity objectives.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	1-5 years	1-5 years	H
Management Area	Objectives and Monitoring Elements		
2.A Ozark Highlands Trail	Within the OHT Management Area, monitor and evaluate trends in: <ul style="list-style-type: none"> <li>▶ Trail maintenance completed.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	1-5 years	1-5 years	H
Management Area	Objectives and Monitoring Elements		
2.B State Parks	Monitor and evaluate trends in: <ul style="list-style-type: none"> <li>▶ Visitor satisfaction related to the partnership.</li> <li>▶ Public health and safety through the permit.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	1-5 years	1-5 years	M

**Table I-5: Summary Tables for Management Area Monitoring Chapter 2. (Continued)**

Resource Area	Monitoring Needs		
Management Area	Objectives and Monitoring Elements		
2.C Developed Recreation Areas	<p><b>MAOBJ.5</b> Reduce the recreation facilities maintenance backlog by approximately 10% within 3-5 years. <b>Performance Indicator:</b> Backlog sites maintained.</p> <p><b>MAOBJ.6</b> Improve accessibility within at least one recreation site per year. <b>Performance Indicator:</b> Sites improved for accessibility annually.</p> <p><b>MAOBJ.7</b> Maintain all recreation facilities to standard. <b>Performance Indicator:</b> Facilities maintained to standard annually.</p> <p>Monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Visitor satisfaction.</li> <li>▶ Public health and safety.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	1-5 years	5 years	H
Management Area	Objectives and Monitoring Elements		
2.D. Upper Buffalo Dispersed Recreation Area	<p>Monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Visitor satisfaction.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	5 years	5 years	M
Management Area	Objectives and Monitoring Elements		
2.E. Wedington Unit Urban Recreation Area	<p>Monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Visitor satisfaction.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	5 years	5 years	M

**Table I-5: Summary Tables for Management Area Monitoring Chapter 2. (Continued)**

Resource Area	Monitoring Needs		
Management Area	Objectives and Monitoring Elements		
2.F Indian Creek Dispersed Recreation Area	<p><b>MAOBJ.8</b> Closure or obliteration of roads which do not meet the above criteria will be a priority in this MA. <b>Performance Indicator:</b> Miles of road closed not meeting criteria.</p> <p><b>MAOBJ.9</b> Inventory current and potential dispersed recreation activities and develop a motorized access plan to support them. <b>Performance Indicator:</b> Inventory and access plan completed.</p> <p>Monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Visitor satisfaction.</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	5 years	M
Management Area	Objectives and Monitoring Elements		
3.A Pine Woodland	<p>Within the Pine Woodland MA, monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Abundance of pine woodland.</li> <li>▶ Proportion of the Shortleaf Pine-Oak Forest and Woodland community burned at desired intervals and seasons.</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	5 years	5-10 years	H
Management Area	Objectives and Monitoring Elements		
3.B Oak Woodland	<p>Within the Oak Woodland MA, monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Abundance of oak woodland.</li> <li>▶ Proportion of the Dry Oak Forest and Woodland community burned at desired intervals and seasons.</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	5 years	5-10 years	H

**Table I-5: Summary Tables for Management Area Monitoring Chapter 2. (Continued)**

Resource Area	Monitoring Needs		
Management Area	Objectives and Monitoring Elements		
3.C Mixed Forest	<p><b>MAOBJ.10</b> Apply appropriate silviculture prescriptions to provide the following forest products on medium to high sites; 14" to 16" sawtimber with grade 2 butt logs and/or Yellow Pine 18" sawtimber. <b>Performance Indicator:</b> During inventories, determine average diameter.</p> <p>Within the Mixed Forest Area, monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Number of acres harvested</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	5 years	5-10 years	H
Management Area	Objectives and Monitoring Elements		
	<p>Within the Oak Decline Restoration Areas MA, monitor and evaluate trends in:</p> <ul style="list-style-type: none"> <li>▶ Number of acres restored to a red oak/white oak/hickory forest type.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	5 years	5-10 years	H
Management Area	Objectives and Monitoring Elements		
3.E High Quality Forest Products	<p><b>MAOBJ.11</b> Apply appropriate silviculture prescriptions to provide the following forest products on medium to high sites: 18" to 20" sawtimber with grade 1 or 2 butt logs and/or Yellow Pine 18" sawtimber. <b>Performance Indicator:</b> During inventories, determine average diameter.</p> <p>Within the High Quality Forest Products MA, monitor and evaluate:</p> <ul style="list-style-type: none"> <li>▶ Number of acres harvested.</li> </ul>		
	Measurement Frequency	Reporting Frequency	Precision & Reliability
	5 years	5-10 years	H

**Table I-5: Summary Tables for Management Area Monitoring Chapter 2. (Continued)**

Resource Area	Monitoring Needs		
Management Area	Objectives and Monitoring Elements		
3.I Riparian Corridors	<p><b>MAOBJ.12</b> Map acres of other land meeting riparian definitions to incorporate in MA 3.I. <b>Performance Indicator:</b> acres mapped annually.</p> <p><b>MAOBJ.13</b> Treat up to 300 acres per decade to meet riparian area species groups habitat needs. <b>Performance Indicator:</b> acres treated per decade.</p> <p>Within the Riparian Corridors MA, monitor and evaluate:</p> <ul style="list-style-type: none"> <li>▶ Number of acres harvested.</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	1-5 years	5-10 years	H
Management Area	Objectives and Monitoring Elements		
3.K Wildlife Emphasis Area	<p>Within the Wildlife Emphasis Area MA,</p> <ul style="list-style-type: none"> <li>▶ Work with Arkansas Game and Fish Commission (AGFC) and other partners to provide elk habitat.</li> </ul>		
	<b>Measurement Frequency</b>	<b>Reporting Frequency</b>	<b>Precision &amp; Reliability</b>
	5 years	5 years	M