

CHAPTER V

IMPLEMENTATION OF THE FOREST PLAN

A. Implementation Direction

During implementation of this Forest Plan, the Fishlake will be guided by existing and future laws, regulations, policies, and guidelines. The Forest Plan is designed to supplement, not replace, direction from these sources.

As soon as practicable after the Plan is approved, the Forest Supervisor will ensure that, subject to valid existing rights, all outstanding and future permits and other occupancy and use documents which affect National Forest System lands are consistent with the Plan. The management direction contained in the Forest Plan is used in analyzing proposals by prospective Forest users. All permits, contracts, and other instruments for occupancy and use of the National Forest System lands covered by this Plan must be consistent with the Management Requirements in both the Forest and Management Area Direction sections. This is required by 16 USC 1604(i) and 36 CFR 219.10(e).

Subsequent administrative activities affecting National Forest System lands, including budget proposals, shall be based on the Plan. The Forest Plan is implemented through the program development, budgeting, and annual work planning processes. These processes reflect current priorities within the overall management direction contained in the Plan.

The Forest Plan guides development of multi-year implementation programs for each Ranger District. The Plan's management area direction, objectives, and management requirements are translated into these multi-year program budget proposals which specifically identify the activities and expenditures necessary to achieve the direction provided by the Forest Plan. These implementation programs form the basis for the Forest's annual program budget.

Upon approval of the final budget appropriation for the Forest, the annual program of work is completed and implemented on the ground. The annual work plan provides the detail to the program budget proposals necessary to guide the land managers and their staffs in responding to the direction of the Forest Plan. The activity files in the data base and the Program Accounting and Management Attainment Reporting System provide information on monitoring the accomplishment of the annual Forest program.

Environmental assessments and environmental impact statements, when needed, will supplement the Forest Plan Environmental Impact Statement. Future environmental analyses will be guided by the Forest Plan. Additional detail will be included in the environmental documents for future project level decisions.

Future environmental analysis associated with the above processes will usually be tiered to the Forest Plan and EIS. Information appropriate for project-related decisions, rather than land use decisions, will normally be utilized in such environmental analysis.

Projects and activities permitted within the Forest Plan will be subjected to environmental analysis as they are planned for implementation (Forest Service Manual FSM 1952). If the environmental analysis for a project shows that: (1) the management area prescription and standards can be complied with and (2) little or no environmental effects are expected beyond those identified and documented in the Forest Plan final EIS; the analysis will probably result in a categorical exclusion (see FSM 1952.2). A Decision Notice may be used to document the decision (FSM 1951). An analysis file and/or a project file will be available for public review, but this will not necessarily be documented in the form of an Environmental Assessment of Environmental Impact Statement.

B. Monitoring and Evaluation Program

This monitoring and evaluation plan is designed to provide feedback to planners and the Forest Supervisor. It will provide Forest Managers with information primarily on plan implementation.

More specifically this plan will determine:

- If the Forest is achieving the goals and objectives of the plan as predicted.
- If the standards and guidelines are being applied as specified in the plan.
- If the effects of implementation are as predicted.
- If the Forest's program and management are resolving the planning issues.
- If the cost of implementation of the plan and work force needed is as predicted.

The monitoring plan that follows is comprised of the following components.

1. Activity, practice of effect - a specific statement of what will be monitored.
2. MIH Code - the numerical identifier of the item to be monitored.
3. Monitoring techniques - a description of the techniques and sources of information to be employed. To the extent possible, existing reporting systems and standard methods will be used.
4. Annual Costs - estimated costs to complete monitoring requirements.
5. Expected precision - the accuracy with which data is collected. Precision is qualitatively rated as high, moderate, or low.

Expected reliability - a measure of how accurately the monitoring reflects the situation. A qualitative and class system is used to rate reliability (high, moderate, low).
6. Measurement frequency - the schedules of samples stated in years or parts of years. It includes some measure of sample size or number.

7. Reporting period - the reoccurring interval between reports summarizing monitoring results for a particular activity or practice. The sampling period should be long enough for specialists to capture significant information.
8. Standards - Acceptable limits indicating no need for further planning action - a statement describing the tolerance limits within which actual performance can vary from predicted performance. When these limits are exceeded, further evaluation is triggered.

At least once a year the Forest Management and Interdisciplinary Teams will meet to review the results of monitoring. This meeting should be in conjunction with the annual budgeting cycle. For those items or areas that do not appear to be meeting standards, plans for remedial action will be formulated.

TABLE V-1
MONITORING REQUIREMENTS

ACTIVITY, PRACTICE OR EFFECT	MIH	MONITORING TECHNIQUES OR DATA SOURCES	ANNUAL COSTS M \$	PRECISION/RELIABILITY	MEASUREMENT FREQUENCY	REPORTING PERIOD	STANDARDS-ACCEPTABLE LIMITS INDICATING NO NEED FOR FURTHER PLANNING ACTION
RECREATION							
Developed Sites; Actual Use	A07	Recreation Information Management (RIM) System; estimates samples, 20% of sites/yr. RIM Use Source Documents	3.0	Moderate/Moderate	Various Continuing in accordance with random sampling procedures	Annual	Less than 10% planned use or more than 50% planned use a site annually over a three year period.
Developed Sites; Condition	334	RIM facility condition and routine inspections	3.0	Low/Moderate	Continuously	Annual	Facility condition below RIM condition class 2.
Dispersed Actual Use	A08	RIM Source Documents RIM System estimates; statistical samples; trails & roads traffic counts; trail registers estimates	4.0	Low/Low	Various Continuing in accordance with random sampling procedures	Annual	When use is more than 10% ± of the Recreation Opportunity Spectrum (ROS) social setting criteria for the ROS class annually over a three year period.
Dispersed campsite condition	A08	Frissell site inspection	4.0	High/Moderate	Sample selected heavy use areas.	Annual	Sites in facility condition class 5 will be rehabilitated.
Off-road vehicle damage	A08	Area reviews	3.0	Moderate/Moderate	Continuous	Annual	ORV use routes stable. Road and trail density stable not more than 2% increase/yr. Use not conflicting with management goals.
Trail condition	A12	Project trail inspections	6.0	High/High	20%/yr.	Annual	Rate of soil erosion acceptable. Varies one maintenance level class from that prescribed in local trail management plan.

TABLE V-I (Continued)
MONITORING REQUIREMENTS

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<u>CULTURAL RESOURCES</u>							
Acres Surveyed/ Sites Evaluated	A02 A03	Actual acres by class of survey. Annual report. Project work records	.5	High/High	Periodic	Annual	Applicable surveys completed prior to disturbance - each project. Meet assigned targets.
Sites located and Protected,	A04	Sample 25% of significant or unevaluated sites at completion of project. Revisit 5 significant or unevaluated sites previously recorded, on an annual basis.	1.0	High/High	Periodic	Annual	Cultural resource surveys completed prior to ground-disturbance projects. Known cultural resources not disturbed without appropriate adverse effect mitigation.
<u>VISUALS</u>							
Monitor compliance of visual quality objective on project or activity basis	A14	10% of District work plans, 100% of Environmental Impact Statements, 10% of Special Use Applications	1.0	High/High	Annual	Annual	Failure to meet intended visual quality objectives of the management area. 10% of project.

TABLE V-I (Continued)
MONITORING REQUIREMENTS

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FISH AND WILDLIFE - Coordinate Monitoring With State and Other Federal Agencies.							
Wildlife Habitat Diversity		Vegetation inventories	2.5	Low/Moderate	5 years	5 years	Meets standards in Forest Direction
Modification of Ecosystem		Acres treated or modified	0.5	High/High	Annual	Annual	Meets standards in Forest Direction
Big game habitat condition		Trend analysis	15.0	Moderate/ moderate	20 percent per year	5 years	Stable or Upward trend
Management Indicator Species Population Trends							
a. Fish Bonne- ville Cutthroat Trout		Electro shocking & gill netting	1.0	Moderate/ Moderate	1 stream per year	Annual	No decrease attributed to management activities
b. Threatened Plant Species		Vegetation Surveys	2.0	Moderate/ Moderate	Annual	Annual	No change attributed to management activities
c. Nongame Species		Plot census	2.5	Moderate/ Moderate	Annual	Annual	Maintain stable trend
d. Macroinvertebrate		Stream sampling/ laboratory counts	5.0	Moderate/ Moderate	5 streams per year	Annual	BCI above 75. Moderate
T&E and Sensitive Animals		Visual reconnaissance	1.5	Moderate/ Moderate	Annual	Annual	No decrease attributed to management activities.
Habitat Condition Inventory		Stream Survey	2.0	Moderate/High	Annual	Annual	Meets prescribed standard.
Snag Management		Condition Survey	1.0	Moderate/ Moderate	Annual	Annual	Meets prescribed standard.

TABLE V-I (Continued)
MONITORING REQUIREMENTS

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RANGE							
Permitted AUM		Annual Range Report	2.0	High/High	Annual	Annual	Permitted AUM's meet assigned targets. Average increases as projected meet planned outputs, ±10%.
Forage Utilization		Vegetation Analysis	15.0	Moderate/Moderate	Each Allotment every 4 yr.	Annual	Meet utilization standards on 90% of allotments.
Check compliance Suitability		on site reviews	25.0	high/high	annual	As action is needed	Compliance with conditions in grazing permits.
Range Trend		Frequency analysis	10.0	Moderate/Moderate	5 years	5 years	Stable or upward trend on 90% of allotments.
TIMBER							
Sales	E06	Forest sales records	3.0	High/High	Quarterly	Annual	Meet assigned sales targets in timber sales offered. Meet Forest Plan objectives.
Assure restocking of treated areas within 5 years following final harvest, except when a longer regeneration period is allowed by the management prescription	E03	District Stand Files; regeneration exams and plantation survival surveys; silvicultural prescriptions	2.5	High/High	100% Sample	5 year Reports	Meet assigned reforestation targets. Treated acres restocked within required time periods.

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TABLE V-I (Continued)
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TIMBER Cont.							
Assure that timber manipulation will not favor an increase in forest pests (insects, diseases, etc.).	P39	Stand exams, ground & aerial pest surveys post sale reviews, prescriptions	2.0	Moderate/Moderate	20% Sample	Annual	Destructive insect and disease organisms to not increase following management activities
Assure that treatment objectives (area in acres) by forest type and stand size, class are being met during plan implementation	E03	District Stand File Activity Reporting (S2K)	No Increase	High/High	100% Summary	Annual	Not more than 20% deviation from forestwide area targets by type and stand size.
Assure that cutting methods prescribed in the management area prescriptions are being utilized for project implementation	E03	District Stand File Activity Reporting (S2K); Administrative and ID Team Reviews	8.0	Moderate/Moderate	25% Sample Annually	Annual	Not more than 20% deviation from management area prescriptions (Tree Stand Management Activities on a forestwide basis).
Assure lands classified as not suitable for timber production are reviewed every ten years	E06	Silvicultural Exams, Stage I Inventory, FORPLAN	3.0	High/High	Each 10 year Period.	10 years	Date indicates unsuitable lands may be suitable.
Assure that timber sold does not exceed the allowable sale quantity established for the 10 year period	E06	10-year & 5-year sale Programs; Cut & Sold Reports; District Stand File activity reporting	1.0	High/High	100% Sample	Annual	Allowable quantity not exceeded.

TABLE V-I (Continued)
MONITORING REQUIREMENTS

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<u>TIMBER cont.</u>							
a) Regulated timber offered	E06	Accomplishment Reports	.5	High/High	100% Sample	Annual	Allowable quantity not exceeded.
b) Unregulated timber offered	E06	Accomplishment Reports	.5	High/High	100% Sample	Annual	Allowable quantity not exceeded.
<u>WATER:</u>							
Water Quality		Establish baseline stations. Establish short term data sta- tions. Utilize STORET Data System. Forest- wide Monitoring Plan	5.0	Moderate/ Moderate	Annual	Annual	Meet state water quality stan- dards and project plan objec- tives.
Potable Water Compliance to Pro- tect Public Health and Safety		Bacteriological Sampling	6.0	Moderate/Low	Monthly dur- ing use season	Annual	State water quality standards.
Changes in riparian Areas Due to Manage- ment		Vegetative and cover Analysis	4.0	Moderate/ Moderate	Annual	Annual	10% decrease from ground cover, forage utilization & bank cover standards.
Best Management practices effectiveness and compliance on land disturbing projects		Project evaluations by disciplinary Team members	4.0	Moderate/ moderate	Annually until land stabilization is completed	Annual	Meet projected Plan objectives.

TABLE V-I (Continued)
MONITORING REQUIREMENTS

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MINERALS							
Onsite Inspection for Compliance with Operating Plans.		Onsite Review	60.0	High/High	Routinely	Routinely	Compliance with Operating Plans
HUMAN AND COMMUNITY DEVELOPMENT							
Human Resource Manpower Programs	Y-27&36 Y-29&38 Y-31&40 Y-32&41	Enrollee Counts Management Attainment Report	1.0	High/High	Quarterly	Annually	Meet targets.
Community Stability & Productive Harmony		Citizen Involvement (SRM); issues & concerns analysis	10.0	Moderate/Moderate	Annual	Annual & 5 yr. (prior to plan update)	Positive trends.
Equal Employment Opportunity	Z01,Z08 Z15,Z36	Enrollee Counts Management Attainment Report	1.0	High/High	Quarterly	Annual	Meet targets.
SOILS							
Soil & Water Resource Improvements		Acres treated Management Attainment Report	0.5	High/High	Every 4 Months	Annual	Meet assigned targets.
Accelerated Soil Loss Forestwide		Project Analysis Universal soil loss equation, see Appendix Q	2.5	Low/Low	Routinely	Routinely	Average soil loss not to exceed 1 to 5 tons per acre, depending on soil depth and natural erosion rate.

TABLE V-I (Continued)
MONITORING REQUIREMENTS

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FACILITIES							
Transportation System Management	L01	Traffic counts. Road Condition Surveys of selected roads	5.0	Moderate/Moderate	Periodic	Annual	Road design and maintenance classes and conditions meet Forest Plan & project needs.
Roads-Construction and Reconstruction	L01 thru L18	Project analysis	10.0	High/High	Annual	Annual	Meet assigned targets, answer project needs.
Road Maintenance	C-19 &	Road Maintenance Plan Condition surveys	5.0	Moderate/Moderate	Annual	Annual	Meet targets, meet Maintenance-management System Benchmarks.
Telecommunications	L33 thru L44	Telecommunication Plan Maintenance Cost Records Use Charges	75.0	High/High	Semi-Annual	Annual	Cost effective. Meets Forest Telecommunication Plan.
Administrative Sites		Project Inspections Analysis Administrative Site Plan	3.0	Moderate/Moderate	Annual	Annual	Meets health, safety and sanitation requirements, maintenance standards. Cost Effective.
Special Uses Except Recreation	J01 L28	Permit Clauses Operating & Construction Plans	50.0	Moderate/Moderate	Periodic	Annual	Meets applicable laws, regulations and permit requirements.
Rights-of-Way	J02	Right-of-Way Acquisition Plan Assigned Targets	2.0	High/High	Annual	Annual	Meets targets. Adequate Forest Access.
Land Adjustment	J13,15 16 & 17	Land adjustment plan Assigned target	1.0	Moderate/Moderate	Annual	Annual	Meets targets & objectives
Property Boundary Location	Y52	Boundary Location Plan targets	1.0	Moderate/Moderate	Semi-Annual	Annual	Meet targets. No encroachments. Follows Plan.

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TABLE V-I (Continued)
MONITORING REQUIREMENTS

ACTIVITY, PRACTICE OR EFFECT	MIH	MONITORING TECHNIQUES OR DATA SOURCES	ANNUAL COSTS M \$	PRECISION/ RELIABILITY	MEASUREMENT FREQUENCY	REPORTING PERIOD	STANDARDS-ACCEPTABLE LIMITS INDICATING NO NEED FOR FURTHER PLANNING ACTION
<u>PROTECTION</u>							
Fuel Treatment	P-11	Project analysis, Acres treated Management Attainment Report	2.0	Moderate/ Moderate	Semi-Annual	Annual	Meets targets & management area standards for activity fuels loading (Tons/Area).
Air Quality		Analysis of projects with indicated potential for pollution	1.0	Low/LOW	Current	Annual	Meet applicable Federal & State Ambient Air Quality Standards.
Insect & Disease		Project analysis detec- tion surveys, acres treated	4.0	Low/LOW	Annual	Annual	Meet targets or control objectives.
Law Enforcement	P-24	Compliance patrols issuing posting & enforce- ing orders, investiga- tions, numbers & types of incidents. Incidents reported by others	6.0	Moderate/	Annual	Annual	No loss of human life.
<u>ECONOMICS</u>							
Captial Investments		Forest Reports	No Increase	High/High	Annual	Annual	Meet Forest Plan objectives & assigned targets.
Returns to U.S. Treasury		Forest Reports	No Increase	High/High	Current	Annual	No targets assigned. Monitor for effect.
Receipt Shares to Counties		Forest Reports	No Increase	High/High	Annual	Annual	No targets assigned. Monitor for effect.

TABLE V-I (Continued)
MONITORING REQUIREMENTS

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ECONOMICS cont.							
Efficiency Analysis		Cost & benefit values updated as better information becomes available. PNV analysis completed	3.0	High/High	Annual	Annual	No targets assigned. Monitor for effects & information updates. Use FORPLAN, MIVEST, etc.
Impact		Outputs confirmed and Impact Analysis completed after Management Attainment Reporting	1.5	High/High	Annual	Annual	No targets assigned. Monitor for effects and information updates. Use IMPLAN.
Unit Costs for Planning Activities		Forest Reports	.1	High/High	Annual	Annual	Not more than 20% deviation from estimated costs on a forestwide basis.

C. REVISION AND AMENDMENT

The Forest Supervisor may change proposed Forest action schedules to reflect differences between proposed annual budgets and appropriated funds. Such scheduled changes shall be considered an amendment to the Forest Plan, but shall not be considered a significant amendment, or require the preparation of an Environmental Impact Statement, unless the changes significantly alter the long-term relationship between levels of multiple-use goods and services projected under planned budget proposals as compared to those projected under actual appropriations.

The Forest Supervisor may amend the Forest Plan. Based on an analysis of the objectives, guidelines, and other contents of the Forest Plan, the Forest Supervisor shall determine whether a proposed amendment would result in a significant change in the Plan. If the change resulting from the proposed amendment is determined to be significant, the Forest Supervisor shall follow the same procedure as that required for development and approval of a Forest Plan. If the change resulting from the amendment is determined not to be significant for the purposes of the planning process the Forest Supervisor may implement the amendment following appropriate public notification and satisfactory completion of NEPA procedures.

A Forest Plan shall ordinarily be revised on a 10-year cycle or at least every 15 years. It also may be revised whenever the Forest Supervisor determines that conditions or demands in the area covered by the Plan have changed significantly or when changes in RPA policies, goals, or objectives would have a significant effect on Forest level programs. In the monitoring and evaluation process, the interdisciplinary team may recommend a revision of the Forest Plan at any time. Revisions are not effective until considered and approved in accordance with the requirements for the development and approval of a Forest Plan. The Forest Supervisor shall review the conditions on the land covered by the Plan at least every 5 years to determine whether conditions or demands of the public have changed significantly.

This Forest Plan will be revised when necessary but no later than October 1, 2000.