

Focus of Evaluation	Annual Posting of Results?	Five-Year Evaluation Report?
A program of monitoring and evaluation shall be conducted that includes consideration of the effects of National Forest Management on land, resources, and communities adjacent to or near the National Forest being planned and the effects upon National Forest management from activities on nearby lands managed by other Federal or other government agencies or under the jurisdiction of local governments [36 CFR 219.7(f)]	No	Yes
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 [36 CFR 219.10(g)]	No	Yes
At intervals established in the plan, implementation shall be evaluated on a sample basis to determine how well objectives have been met and how closely management standards and guidelines have been applied. Based upon this evaluation, the interdisciplinary team shall recommend to the Forest Supervisor such changes in management direction, revision, or amendments to the forest plan as are deemed necessary [36 CFR 219.12(k)]	No	Yes
Monitoring requirements identified in the forest plan shall provide for—[36 CFR 219.12(k)] [1] A quantitative estimate of performance comparing outputs and services with those projected by the forest plan;	Yes	No
[2] Documentation of the measured prescriptions and effects, including significant changes in productivity of the land; and	No	Yes
[3] Documentation of costs associated with carrying out the planned management prescriptions as compared with costs estimated in the forest plan.	Yes	No
[5] A determination of compliance with the following standards: [i] Lands are adequately restocked as specified in the forest plan;	No	Yes
[ii] 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; {Note: See also 219.14(d): ...Designation in the plan of lands not suited for timber production shall be reviewed at least every 10 years.}	No	Yes
[iii] Maximum size limits for harvest areas are evaluated to determine whether such size limits should be continued; and	No	Yes
[iv] Destructive insects and disease organisms do not increase to potentially damaging levels following management activities.	No	Yes

(a)(6) Population trends of the management indicator species will be monitored and relationships to habitat changes determined. This monitoring will be done in cooperation with state fish and wildlife agencies, to the extent practicable (36 CFR 219.19 Fish and wildlife resource).	Yes	Yes
Accomplishment of ACS priority subwatershed restoration objectives.	Yes	Yes
Terms and conditions or reasonable and prudent measures that result from consultation under Section (a) of the Endangered Species Act	Yes	Yes
Effectiveness of mitigation measures and monitoring of risk factors described in the Record of Decision for the Forest Land and Resource Management Plan	No	Yes

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Perception of management activities on the Forest	Are interested citizens raising concerns about management activities?	Comment cards, personal contacts, level of National Environmental Policy Act (NEPA)/National Forest Management Act (NFMA) involvement, appeals, litigation	Low	Annually, via review of substantive comments and NEPA decision appeals and / or feedback from Forest personnel staffing public events (i.e. county fairs, Idaho Sportsmen’s Show, etc.)	5 years
	Are consulting agencies part of the process, and are concerns being raised about implementation of the Forest Plan?	Level 1 meeting notes, level of NEPA or NFMA involvement	Moderate	Annually, via Level 1, State 303(d) and permitting reviews and NEPA decisions	5 years
Management actions	Are proposed actions and associated effects being adequately disclosed in NEPA documents?	Review of actions on the Quarterly Schedule of Proposed Actions	Moderate	Annual review of selected projects	3 years
Tribal participation with the Forest	Are current processes meeting the needs for consultation?	Program reviews and personal contacts	Moderate	Annually, using personal contacts, and formal feedback	3 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Coordination with Tribes	Are traditional cultural resources and special interest areas being considered and maintained?	Projects within known special interest areas or potentially affecting traditional cultural resources	Moderate	Annually review up to 10 percent of projects within known special interest areas or potentially affecting traditional cultural resources	3 years
State and local government participation with the Forest	Are current processes such as commission appearances, field reviews, etc. meeting coordination needs?	Program reviews and personal contacts	Moderate	Annually, using personal contacts	3 years
Accessibility improvement efforts in developed recreation and administrative use facilities	Is disabled access improving in relation to Federal laws and agency guidelines?	Accessibility status of Forest administrative facilities. Percentage of accessible developed recreation sites	High	Annually, conduct condition surveys of up to 20 percent of the Forest's administrative and developed recreation facilities	5 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Safety of administrative facilities	Are administrative sites safe and accessible for visitors and employees including drinking water sources?	On-site inspection of facilities and drinking water testing	High	As needed, but at least annually using building safety inspection forms and drinking water testing program	Annually
Safety of developed recreation sites	Are developed recreation sites free of high-risk conditions? Do water systems meet Federal, State, and local requirements?	% of developed rec sites that meet all Region 4 Critical Health and Safety Standards (e.g. Meaningful Measures).	High	Annual review of Health and Safety Standard compliance based on site inspection of facilities and drinking water testing as prescribed by State and / or agency requirements.	Annually for water systems; 5 years for other
Condition, level of use, and maintenance of roads	Are road conditions improving related to safety or user comfort?	Miles maintained by maintenance class, and condition surveys	Moderate	Annually track miles of roads maintained. Conduct condition surveys in accordance with National Condition Survey policy and protocol	5 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Recreation demand	Are the amount and types of recreation opportunities provided meeting customer needs and expectations?	National recreation use monitoring survey results, Comment forms and user correspondence	Medium	The National Recreation Use Monitoring Survey results; Annually during Forest recreation meetings for other sources	5 years
Recreation use trends, distribution and levels	Are recreation activity levels changing, and are shifts occurring between types of activities, and locations of recreation use?	Field observations by recreation staff, comments, letters, available State and industry data sources, and National Recreation Use Survey results	Low	The National Recreation Use Monitoring survey results; Annually during Forest recreation meetings for other sources. Review and interpretation of State and industry data every 2 years.	5 years
Recreation use conflicts	Are conflicts rising between recreational uses? Are conflicts being resolved?	Comments or complaints from users. Development of plans or other mechanisms (e.g. user group forums) to resolve conflicts.	Moderate	Annually	5 years
Dispersed recreation use and distribution	Is the level of use occurring in dispersed sites having impacts to other resource values? If so, what actions were taken and were they effective?	Reports, comments, complaints, and other information from the public, recreation and other resource specialists.	Moderate	Annually, via review of comments and necessary on-the-ground mitigations planned or implemented.	5 years

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Recreation Opportunity Spectrum (ROS) Inventory	Are management activities changing the ROS settings?	Review of project implementation and updating the ROS inventory to reflect any changes in ROS class acres	Moderate	Annually via review of projects at RD and SO project levels to determine changes in ROS class acres at the Management Area level.	5 years
Level of trail maintenance relative to trail use	Do trail maintenance priorities reflect trail use levels, health and safety issues, and resource impact mitigation needs?	Miles of high priority trail maintained. Field observations of use and resource impacts from recreation staff, volunteers, and public comments.	Moderate	Annually, review of completed trail maintenance accomplishments, trail use and resource impacts from observations and comments from recreation staff, resource specialists, volunteers, and trail users.	5 years
Potential impacts to visual resources	Are Forest management actions being designed and implemented to meet Visual Quality Objectives (VQOs)?	Monitoring project areas from sensitive viewpoints	Moderate	Annually review up to 10 percent of projects on-the-ground from identified viewpoints	3 years
Modification of established VQOs	Are the VQOs appropriate given resource management needs?	Number of Forest Plan amendments that modify established VQOs	High	Every 5 years review management areas where amendments for VQOs were completed.	5 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Protection of historic properties during project implementation	Are historic properties being affected by project activities?	Assess the effects of project implementation on selected projects for at least 5 percent of the projects for which Cultural Resource Management approval had been recommended during the previous year	Low	Annually using field inspection	Annually
Stewardship of historic properties	Are historic properties being managed to standard?	Number of heritage priority assets with critical deferred maintenance.	Low	Annually survey up to 5 percent of the historic properties based on heritage assets using condition assessments	5 years
Gathering activities on the Forest	Are Forest gathering activities resulting in resource depletion (i.e., mushrooms, bear grass, huckleberries)?	Estimated amount of miscellaneous products collected and age class distribution of live plants being collected	Low Moderate	Annually, via review of miscellaneous product permits issued for any given area	3 years
Vegetation treatments	Are planned treatments being implemented?	Acres treated annually	High	Annually via NEPA document decisions	5 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Effectiveness of vegetation treatments	Is live vegetation at, or moving towards, desired conditions as described in Appendix A of the Forest Plan?	Mix of size classes, canopy closures, species composition and their spatial patterns by forested PVG and nonforested cover types within 5th field hydrologic units	Moderate	5 years or sooner using LANDSAT, FIA inventories, and other local Forest-wide and project-level field inventories	5 years
Riparian condition	Are Forest management activities adequately designed (including delineation of RCAs) to maintain or improve riparian functions and ecological processes important to furthering Forest Plan goals and objectives?	Effects on the riparian functions and ecological processes as identified in Appendix B: Guidance for Delineation and Management of RCAs.	High	3 years via review of selected projects and surveys (e.g., Proper Functioning Condition; IIT Effectiveness Monitoring; remote sensing within 5th field hydrologic units	5 years
Maintenance and restoration of forested conditions	Has establishment of off-site native tree species affected the maintenance or restoration of desired forested conditions?	Number of regeneration acres dominated by off-site native tree species	Moderate	Survey of regeneration acres	5 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Habitat for terrestrial Management Indicator Species (MIS); Threatened, Endangered, Proposed or Candidate or Forest Sensitive (TEPCS) species, both plant and animal	Are management actions providing for, or moving toward the extent of vegetation components necessary to meet the needs of TEPCS species?	Changes in habitat acres	Moderate	Five years: project data and spatial tracking databases (e.g. FACTS) identifying known and restored habitats	5 years
Terrestrial Management Indicator Species (MIS)	Are management actions maintaining or restoring distribution and abundance of management indicator species?	Population trends, demographic population data	High	Completion of monitoring surveys and the distribution of occurrence records across the species' range on the Forest by watershed.	5 years
Botanical species of concern, Watch species or Sensitive species	Are Forest management actions affecting known Sensitive species or Watch species habitats at the project level?	Acres of disturbance of known occupied habitat	Moderate	Three years, via review of up to 25 percent of projects within known occupied habitat	3 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Soil productivity	Are management actions and forest plan direction effectively maintaining or restoring long-term soil productivity?	Amount of area in non-detrimentally disturbed condition and Total Soil Resource Commitment (TSRC)	Moderate to High	Annually; review of selected activity areas	3 years
Snags and coarse wood for wildlife habitat and soil productivity	Are snags and coarse woody debris at, or moving toward, desired conditions as described in Appendix A of the Forest Plan?	Number of snags or tons of coarse woody debris by size class for each PVG within activity areas	Moderate to High	Annually review of selected assessments, inventories or projects. Aggregate results of annual reviews for reporting	5 years
Distribution of aquatic ecosystems	Are management actions maintaining or restoring the distribution, abundance, and habitat quality of management indicator and TEPC species?	Identification of Watershed Condition Indicators, tracking presence absence data, acres/mile of occupied habitat, number of strongholds, number of isolated populations as identified in the WARS database	Moderate	3 years via review of selected mid-and fine-scale assessments and restoration actions, surveys (e.g., IIT Effectiveness monitoring; Forest Service, Tribal and State Populations and Spawning Surveys)	3 years

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Watershed restoration and conservation activities	Have restoration and conservation activities been focused in priority watersheds identified by the WARS process?	Program reviews, total dollars spent and amount of restoration activity in high priority vs. other 6th field watersheds	High	Annually review selected projects and programs. Review results of monitoring with NOAA Fisheries and USFWS annually.	Annually
Project implementation	Have prescriptions, projects, and activities been implemented as designed and in compliance with the Forest Plan?	Project reviews and yearly summaries for Pacfish/Infish IIT team	High	Annual review of IIT Implementation Monitoring, State (DEQ/ DSL) and Forest reviews of selected 6th field hydrologic units	5 years
Landslide prevention	Are management actions and forest plan direction effectively preventing management-induced landslides?	Changes in frequency/size of landslides stratified by hazard risk classes (low, moderate, and high)	Low	As needed via mid-, fine-, and site-scale analysis; remote sensing, and GIS queries	3 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Aquatic ecosystems stream flows	Are forest management actions maintaining or restoring the processes and functions that regulate stream flows and ground water character?	Tracking acres in ECA; road density; # federal water rights obtained; stream discharge in selected 6th field hydrologic units	Moderate	Annually via IIT Effectiveness monitoring; USGS water resources data; R1/R4 Habitat Inventory; mid-, fine-, and site-scale analysis	5 years
Water quality and beneficial use status	Are management actions maintaining or restoring water quality to fully support beneficial uses, and native and desired non-native fish species and their habitats over multiple spatial scales?	Number of 303(d) streams listed versus de-listed; macro-invertebrate tolerance measures; water quality indicators (e.g., temperature, pH, turbidity)	Moderate to High	Annual review of TMDLs, USGS and DEQ databases, Forest water quality stations and selected NEPA projects	2 years
Aquatic ecosystems	Are management actions and forest plan direction effectively maintaining WCIs when currently in the range of desired conditions, and restoring WCIs when outside the range of desired conditions over multiple spatial scales?	Changes in watershed, channel and habitat condition and water quality indicators	Moderate	Annually via review of selected mid-, fine-, and site-scale analysis; review of IIT effectiveness, R1/R4 Habitat Inventory and DEQ Burp data	2 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Noxious weed prevention	Are Forest Plan standards and guides effective in preventing establishment of new noxious weed infestations?	Acres of Forest areas classified as free of non-native invasive plant species (weed free)	Moderate	Annual field inspection of selected Early Detection Rapid Response (EDRR) monitoring sites and 2 – 3 year follow-up monitoring identified for selected representative projects in weed-free areas.	3 years
Noxious weed management	Are Forest management strategies effective in controlling, containing, or eradicating established non-native invasive plant populations?	Acres of known infestation	Moderate	Annually; via inventories, treatment and EDRR surveys. Infestation data recorded in NRIS Terra database.	5 years
Noxious weed control, containment, and eradication	Are Forest Plan standards and guidelines effective in controlling, containing, or eradicating established non-native invasive plant populations?	Percent change in infested acres and density in populations affected by project activities.	High	2-3 year inventory of selected projects in areas that contain or adjoin existing non-native plant populations.	3 years

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Cooperation in management of non-native invasive plant species.	Is the Forest managing non-native invasive plant species in a cooperative manner with other agencies, land managers, and land owners and users associated with NFS lands?	<ol style="list-style-type: none"> 1. Acres of Forest included in coop weed management areas. 2. List of cooperators participating in CWMA's and other Forest week management activities. 	High	5 years	5 years
Changes in the type of vegetation conditions, volume, growth, or mortality	How have conditions changed and what are the levels of volume, growth, or mortality at the Forest level.	Re-measurements of existing fixed points and new measurements to determine conditions	High	10 year interval or as needed	10 years
Total Sale Program Quantity, which includes Allowable Sale Quantity	Are prescriptions implemented to achieve management objectives meeting the expected outcomes for timber production?	Tracking acres treated (e.g., thinned, harvested, planted) and associated volumes.	High	Annually, via MARS reports, Sale Tracking And Reporting System (STARS), Timber Information Manager (TIM) and Timber Sale Accounts (TSA).	5 years
Head Months Under Permit	Are Forest Plan goals, objectives, standards, and guidelines affecting the number of head months associated with term grazing permits?	Billing and annual operating plans; allotment grazing module from IIT process	High	Annually, via INFRA	5 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Range Improvements	Are range improvements being adequately maintained and serving their intended design?	Field inspection of improvements based on assigned maintenance standards.	High	Annually, selected sample from improvements on allotments administered to standard. Condition recorded in INFRA, maintenance reported in annual compliance report.	5 years
Forage Utilization Levels	Are established utilization levels providing for desired ground cover, soil stability, plant vigor and composition?	Percent ground cover for uplands, % bank stability in riparian areas, % utilization in uplands, and stubble height in riparian. Acres meeting / moving toward desired condition in INFRA database.	High	Annually, review up to 10 percent of active allotments (allotments administered to standard). Measure use levels annually; ground cover and bank stability every 3-5 years.	3 years
Effectiveness of the Allotment Management System	Are current allotment management strategies effective in meeting or moving toward desired vegetation conditions for non-forested vegetation types?	Grazing Response Index: Frequency (duration of grazing); intensity (use levels); and opportunities (growing periods)	Moderate	Annually, review up to 10 percent of allotments (allotments administered to standard). Reported in annual compliance report.	5 years
Research Natural Areas	Have management plans been developed for Research Natural Areas that currently lack them?	Number of management plans completed	High	5 years	5 years
Research Natural Areas	Have additional RNAs been recommended for establishment?	Number of RNAs recommended for establishment	High	5 years	5 years

Activity, Practice, Or Effect To Be Measured	Monitoring Question	Indicator	Data Reliability	Measuring Frequency and Recommended Method	Report Period
Terrestrial sensitive species – bighorn sheep	Are bighorn sheep present in areas of risk?	Sighting or telemetry location in a risk area	Low to moderate	Annually, via survey of selected areas	Annually
Terrestrial sensitive species – bighorn sheep	Are bighorn sheep present in or near active domestic sheep and goat allotments?	Presence of bighorn sheep and presence of domestic sheep or goat bands	Low	Annually, via survey of selected areas and active domestic sheep and goat allotments	Annually
Terrestrial sensitive species – bighorn sheep	Is separation between bighorn sheep and domestic sheep and goats maintained?	Presence of bighorn sheep and presence of domestic sheep or goat bands	Low to moderate	Annually, via survey of all active domestic sheep and goat allotments	Annually
Rangeland resources – stray domestic sheep	Are domestic sheep straying from permitted grazing allotments	Are domestic sheep grazing on areas identified as not suited for domestic sheep grazing	Low to High	Annually track the location of domestic sheep by following radio telemetry collared ewes or by keeping close contact with the permittees and the bands	Annually

