

Summary of Recommendations

Monitoring Item	Activity to be Monitored	Recommendations
Air Quality FP-1	Comply with State, Federal Air Quality Standard, Clean Air Act	Continue monitoring and reporting at current level to meet the legal requirements.
Air Quality FP-2	Effects of atmospheric pollutants to natural ecosystem	Forest Plan required. Continue monitoring as a Forest Plan monitoring report requirement even though baseline data has been established.
Air Quality BL-1	Lichen Elemental Analysis	Not a Forest Plan monitoring report requirement. Identified as a baseline monitoring in 1995 report. Baseline data has been completed. Continue monitoring on selected sites as funding allows to determine any changes.
Air Quality BL-2	Particulate Deposition	Not a Forest Plan monitoring report requirement. This site was terminated on August 5 during the 2000 Clear Creek Fire. Off Forest monitoring will use the Sula data in the future when required.
Air Quality BL-3	Macroinvertebrate Species Numbers	Not a Forest Plan monitoring report requirement. Continue to monitor and report findings on Harbor Lake and establish additional baseline monitoring stations on selected lakes if funding allows.
Budget FP-1	Receipt Shares to Counties	Continue as a Forest Plan monitoring requirement as having a high public interest. The actual receipts to Counties is no longer available through Forest data but is available through State sources.
Budget FP-2	Comparison of Budget by Resource	Continue to report as a Forest Plan monitoring requirement as a means to show the dynamics of funding trends being influenced by social, political, and national interests
Budget FP-3	Capital Investments	Continue to report as a Forest Plan monitoring requirement. This is useful information for employees and the public as a means of showing trends in implementing Forest Plan direction and therefore should be part of the Forest Plan monitoring requirement.
Budget FP-4	Returns to Treasury	Continue to report as a Forest Plan monitoring requirement. This is useful information for employees and the public. It shows trends and the flaws of predicting monetary returns to the U.S. Treasury and therefore should be part of the Forest Plan monitoring requirement.
Budget TR-1	Comparison of Accomplishment	Not a Forest Plan monitoring item but continue to report as a Tracking Item as a means to show trends in how current accomplishments are outside the Forest Plan projected scope of expectations.
External Effects TR-1	Effects of Nat'l Forest Mgmt on Adjacent Land and Communities	Not a Forest Plan monitoring requirement. However, it provides some interesting information and therefore should be considered for inclusion into any future Forest accomplishment reports.

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External Effects TR-2	Effects of the other Agencies on the National Forest	Not a Forest Plan monitoring requirement. It may provide some valuable information and therefore should be considered for future inclusion into Forest accomplishment reports, where appropriate.
Facilities FP-1	Road Construction	Forest Plan required. Continue as a Forest Plan monitoring report requirement even though targets and resource needs are out dated. This item is tracked and available in the Road Accomplishment Report and entered into INFRA corporate database.
Facilities FP-2	Road Reconstruction	Forest Plan required. Continue as a Forest Plan monitoring report requirement. This activity is tracked annually in Road Accomplishment Reports and entered into INFRA corporate database.
Facilities FP-3	Road Closures	Forest Plan required. Continue as a Forest Plan monitoring report requirement. However, this item has not been tracked during the life of the Plan.
Facilities FP-4	Road Maintenance	Forest Plan required. Continue as a Forest Plan monitoring report requirement. Road maintenance is reported annually in Road Accomplishment Report and condition is tracked in INFRA database.
Facilities FP-5	Bridge Construction and Reconstruction	Forest Plan required. Continue as a Forest Plan monitoring report requirement. Bridge inspections/condition/repairs are tracked in INFRA database and reported annually in Road Accomplishment Report.
Facilities FP-6	Buildings	Forest Plan required. Continue as a Forest Plan monitoring report requirement. Building inspections are tracked in INFRA database.
Facilities FP-7	Dam Administration	Forest Plan required. Continue as a Forest Plan monitoring report requirement. Dam deferred maintenance duties and findings are reported in INFRA database.
Fire FP-1	Person-caused fires	Continue as a Forest Plan monitoring and reporting requirement
Fire FP-2	Wildfire and Acres Burnt	Continue as a Forest Plan requirement and expand by displaying the post fire severity of the area burnt by Fire Regime Group
Fire FP-3	Reduction in Fuel	Continue as a Forest Plan requirement and, for fire-use fires, expand by displaying the post fire severity of the area burnt by Fire Regime Group
Fire FP-4	Fire Management Effectiveness	Forest Plan required, however discontinue as a Forest Plan requirement. The FMEI can no longer be calculated as directed in the Forest Plan.
Fisheries FP-1	R1/R4 Basin Surveys of Fish Habitat	Continue to monitor and report as a Forest Plan monitoring requirement. However, since baseline inventories have been completed across the Forest, future R1/R4 inventories would be performed as funding allows and analyzed and reported as effectiveness data.

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Fisheries FP-2	Water Quality (Chemical Components)	Not a Forest Plan monitoring report requirement. Salmon and Challis Forest Plans do not require monitoring of chemical components, and therefore, should not be continued as a monitoring requirement. The Salmon-Challis Forest will continue with the 5-year pilot program that began in 2003 to monitor and report magnesium, chloride, alkalinity, and dissolved solids from road treatments on selected stream and river reaches.
Fisheries FP-3	Chinook Salmon Spawning Activity and Location	Forest Plan required. Continue to monitor as a Forest Plan requirement. Continued monitoring of index streams is recommended to identify the status of individual spawning populations and prioritize recovery efforts for on-forest populations and historical habitat areas.
Fisheries BL-1	Macroinvertebrates	Not a Forest Plan monitoring requirement. Report as accomplished if funding is provided.
Fisheries FP-4	Population presence/absence – methodology (snorkel, seine, electrofish, visual, and other)	Continue as a Forest Plan monitoring and report requirement to update the Forest’s fish species distribution GIS and NRIS databases. Field observations are expected to continue at a high level of activity in association with scheduled R1/R4 basin wide survey operations.
Freedom of Information Requests (FOIA) TR-1	FOIA Requests	Not a required Forest Plan monitoring item. Provides interesting information on the increased interest in Forest activities and, therefore, should continue to be tracked and reported, as necessary.
Heritage FP-1	Site deterioration	Continue to monitor as a Forest Plan requirement. This type of monitoring is Mandatory under Section 106 and 110 of the National Historic Preservation Act.
Heritage TR-1	Site preservation	Not a required Forest Plan monitoring item. However, continue to monitor and report as a Tracking Item. Monitoring is mandatory under Section 106 and 110 of the National Historic Preservation Act.
Heritage TR-2	Interpretation	Not a required Forest Plan monitoring item. Continue to monitor and report as a Tracking Item as a means to internally and externally display and share Heritage activities.
Heritage FP-2 MFWSR-6	Cultural site stability	This is a monitoring item identified in the Middle Fork of the Salmon Wild & Scenic River Management Plan. Continue as a Forest Plan monitoring and report requirement on an ‘as needed’ basis.
Human Resource TR-1	Volunteers-Work Accomplished	Not a Forest Plan monitoring requirement. It may provide some valuable information and therefore should be considered for future inclusion into Forest accomplishment reports, where appropriate.

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Human Resource TR-2	Economic/Social	Not a Forest Plan monitoring requirement. It may provide some valuable information and therefore should be considered for future inclusion into Forest accomplishment reports, where appropriate.
Insect and Disease FP-1	Insect and Disease	Continue as a Forest Plan monitoring and report requirement. Monitoring insect and disease activities is required by the National Forest Management Act and is needed to assess Forest health and useful in guiding Forest management activities.
Landlines FP-1	Landline location	Forest Plan required. Continue as a Forest Plan monitoring requirement even though the targets and trends are no longer meaningful. Tracking this activity is being maintained and is available in the Management Attainment Report.
Lands FP-1	Road and Trail Rights-of-Way Acquisitions	Continue as a Forest Plan monitoring report requirement. Required as a Budget MAR target.
Lands FP-2	Occupancy Trespass	Forest Plan required. Continue as a Forest Plan monitoring report requirement. Continue to track resolved occupancy trespass cases through the Small Tracks Act.
Lands FP-3	Number of person years to implement planned direction	Forest Plan required. Continue as a Forest Plan monitoring report requirement even though Lands is the only resource activity that has a monitoring item related to person years to implement planned direction.
Lands FP-4	Monitor accomplishment of funded goals and objectives approved in the annual program of work.	Forest Plan required. Continue as a Forest Plan monitoring requirement. Maintain a tracking system of planned activities and accomplishments through a consistently applied Management Attainment Report (MAR).
Lands FP-5	Special Use Permit administration and inspection	Continue as a Forest Plan monitoring report requirement. Continue to report through the SUDS reporting system and INFRA.
Minerals FP-1	Designated gravel and/or riprap sources	Continue as a Forest Plan monitoring requirement. Monitoring standards are appropriate.
Minerals FP-2	Adequacy of lease requirements	Continue as a Forest Plan monitoring requirement. Appropriate lease inspection and administration will occur should leases become active.
Minerals FP-3	Reshaping and Vegetation of Disturbance	Continue as a Forest Plan monitoring requirement.

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Minerals FP-4	Compliance with Plan of Operations	Continue as a Forest Plan monitoring requirement.
Planning TR-1	Forest Plan, Project and non-NEPA decision appeals	Not a Forest Plan monitoring requirement. Continue to monitor and report for informational purposes. Revise the 'Conditions Which Would Initiate Further Evaluations' since this item would not require a Forest Plan Amendment because this is a Tracking Item.
Planning TR-2	Resource conditions, Changes in Desired Future Conditions, Validity of Forest Plans	Not a Forest Plan monitoring requirement. Continue to monitor, report, and update the Forest Plans through amendments.
Range FP-1	Condition and trend of vegetation and soils	Continue as Forest Plan monitoring requirement.
Range FP-2	Compliance with forage utilization standards	Continue as a Forest Plan monitoring requirement. This is a mandatory item agreed to during consultation with National Marine Fisheries Service and U.S. Fish and Wildlife Service.
Range FP-3	Range Forage Improvement	Forest Plan required. Continue as a Forest Plan monitoring requirement. Forage improvement projects will be evaluated should they occur in the future.
Range FP-4	Predator Losses	Forest Plan required, however, discontinue as a Forest Plan monitoring requirement. This information is no longer readily or reliably available.
Range FP-5 FC- RONRW-2	Grazing Use	Forest Plan required. Continue as a Forest Plan monitoring requirement even though specific grazing use monitoring as a means to evaluate natural ecological succession is not warranted. This monitoring item was identified in the Frank Church – River of No Return Wilderness Management Plan.
Recreation FP-1	Recreation Facility Condition	Continue trend information as a Forest Plan monitoring requirement and a mandatory reporting item. INFRA provides the detailed information.
Recreation FP-2	Recreation use at developed sites	Continue as a Forest Plan monitoring requirement and mandatory reporting item. However, decrease the monitoring frequency from annually to a 5 year cycle per the national schedule for NVUM (next reporting date would be 2008).
Recreation FP-3	Occupancy versus capacity of dev. Facilities	Forest Plan required. Continue as a Forest Plan monitoring requirement. There is a component in the Infrastructure (INFRA) system that addresses use beyond capacity.
Recreation FP-4	Soil or vegetation losses at developed sites as a result of use	Forest Plan required. Continue as a Forest Plan monitoring requirement. There is a component in the Infrastructure (INFRA) database that addresses site condition.

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Recreation FP-5	Recreation Site Condition	Forest Plan required. Continue as a Forest Plan monitoring requirement. Continue to identify adverse resource effects as a result of recreation use through the INFRA program.
Recreation FP-6	Recreation use in General Forest Area	Continue as a Forest Plan monitoring requirement and mandatory reporting item. However, decrease the monitoring frequency from annually to a 5 year cycle per the national schedule for NVUM (next reporting date would be 2008).
Recreation FP-7	Acres damaged by off highway vehicle (OHV) use to the point of triggering active rehabilitation	Forest Plan required. Continue as a Forest Plan monitoring requirement. However, consider initiation of a monitoring protocol and monitor ORV use as a Forest Plan monitoring requirement once the pending revised regulations and Forest Service wide formal direction has been established regarding ORV use. See also Soil FP-3.
Recreation FP-8	Trail condition	Continue trend information as a Forest Plan monitoring requirement and a mandatory reporting item. INFRA provides the detailed information.
Recreation FP-9	Condition of wilderness campsites	Continue Wilderness Campsite Condition as a Forest Plan monitoring requirement using the Frissell method of estimating condition classes.
Recreation FP-10	Recreation use in designated Wilderness	Continue as a Forest Plan monitoring requirement and mandatory reporting item. However, decrease the monitoring frequency from annually to a 5 year cycle per the national schedule for NVUM (next reporting date would be 2008).
Recreation FP-11 SWSR(rec)- 1	Reported conflicts between user groups	Forest Plan required. Continue as a Forest Plan monitoring requirement and a mandatory reporting item. Continue to track at the Ranger District level. This monitoring item was identified in the Salmon Wild and Scenic River Management Plan-Recreation Segment.
Recreation FP-12 SWSR(rec)- 2	Need for restrictions	Forest Plan required. Continue as a Forest Plan monitoring requirement and a mandatory reporting item. Continue to track at the Ranger District level. This monitoring item was identified in the Salmon Wild and Scenic River Management Plan-Recreation Segment.
Recreation FP-13 SWSR(rec)- 3	Amount of boating use of the Recreation segment of the Salmon River	Forest Plan required. Continue as a Forest Plan monitoring requirement and a mandatory reporting item. Continue to track at the Ranger District level. This monitoring item was identified in the Salmon Wild and Scenic River Management Plan-Recreation Segment.

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Recreation FP-14 SWSR(wild) -8	Amount of recreation use of the Wild segment of the Salmon River	Forest Plan required. Continue as a Forest Plan monitoring requirement. Continue to track float use levels during the control season at the Ranger District level. This monitoring item was identified in the Salmon Wild and Scenic River Management Plan-Wild Segment.
Recreation FP-15 FCWMP-1	Allocation of launches between outfitted and non-outfitted groups on the Middle Fk of the Salmon River	Forest Plan required. Continue as a Forest Plan monitoring requirement and a mandatory reporting item. Continue to track at the Ranger District level and make adjustments as needed through standard management actions. This monitoring item was identified in the Frank Church – River of No Return Wilderness Management Plan.
Research Natural Areas (RNA) TR-1	Number of RNAs and total acres	Forest Plan required, however, discontinue as a Forest Plan monitoring and reporting item. Tracking RNA establishment has been complete.
Soil FP-1	Natural soil erosion for on-site loss	Not a Forest Plan monitoring requirement. Erosion troughs should be continued and expanded to provide a representative baseline erosion database for all climatic conditions and different soil/geology.
Soil FP-2	Disturbing activities altering soil productivity	Continue as a Forest Plan monitoring requirement. This type of resource monitoring is being implemented at the project level and provides a direct relationship with the goals, direction, standards, and guidelines of the Forest Plans. See also Water FP-4.
Soil FP-3	Sequential photo points of ORV damage	Forest Plan required. Continue as a Forest Plan monitoring requirement. However, consider initiation of a monitoring protocol and monitor ORV use as a Forest Plan monitoring requirement once the pending Forest Service wide formal direction has been established regarding ORV use. See also Recreation FP-7.
Soil FP-4	Recognize and establish benchmark soils that are representative of large areas	Forest Plan required. Continue as a Forest Plan monitoring requirement. However, the recognition and establishment of formalized ‘benchmark’ soil types representing larger areas is not necessary.
Soil FP-5	Quantified project level erosion sampling	Continue as a Forest Plan monitoring requirement. Establishing quantitative soil erosion studies such as those listed at the project level is desired in order to evaluate the effects of management practices or the effectiveness of mitigation measures.
Soil FP-6	Soil survey activities	Forest Plan required. Continue as a Forest Plan monitoring requirement. Should funding become available and soil surveys become a priority, reportable units will be adequately monitored and reported.

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Soil FP-7	Naturally unstable areas	Forest Plan required. Continue to monitor as a Forest Plan requirement. However, these sites should be monitored by maintaining a photographic report file of incidences and maintaining the landslide prone map files.
Soil FP-8 SWSR(wild) -2	Vegetation and soil stability	Continue as a Forest Plan monitoring requirement. Use the Cole report to select additional sites for quantitative sampling and/or photographic record. This monitoring item was identified in the Salmon Wild and Scenic River Management Plan-Wild Segment.
Timber FP-1	Timber Sold	Continue as a Forest Plan monitoring requirement as a means of displaying the trends of timber sales from Forest Plan projections.
Timber FP-2	Fuelwood cut	Forest Plan required, however, discontinue as a Forest Plan monitoring requirement. The change in reporting systems makes this item unavailable.
Timber FP-3	Reforestation and Timber Stand Improvement	Continue as a Forest Plan monitoring requirement as a means to evaluate long-term trends of forest management.
Timber FP-4	Adequate Restocking within 5 years	Continue as a Forest Plan monitoring requirement.
Timber FP-5	Maximum size of openings	Continue as a Forest Plan monitoring requirement. The number of acres over 40 is not the critical issue, but whether or not we are meeting our objectives of logging larger areas for other purposes (i.e. insect and disease control). The Conditions Which Initiate Further Evaluations should be changed to reflect monitoring for effectiveness.
Visual Resources FP-1	Any management activity or project	Continue as a Forest Plan monitoring requirement pending implementation of the new and improved Scenery Management System.
Water FP-1	Fish Habitat (Substrate Depth Fines)	Continue as a Forest Plan monitoring requirement. Ongoing consultations with the NOAA Fisheries include identification of sediment trends in Chinook salmon spawning habitats as a principal term and condition of concurrence with Biological Assessments for Salmon/Challis N.F. watersheds.
Water FP-2	Water Quality (Water Temperature)	Continue to monitor as a Forest Plan requirement. Ongoing consultations with NOAA Fisheries include identification of seasonal temperature regimes in Chinook salmon spawning and rearing streams as a principal term and condition of concurrence with Biological Assessments for the Salmon/Challis watersheds.
Water FP-3	Channel Stability; Channel Geometry	Continue to monitor as a Forest Plan requirement. Channel stability and geometry have been identified as important parameters reflecting stream channel health.

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Water FP-4	Soil and Water BMPs	Continue as a Forest Plan monitoring requirement. This type of resource monitoring is being implemented at the project level. There is a direct relationship with the goals, direction, standards, and guidelines of the Forest Plans. See also Soil FP-2.
Water FP-5	Instream Flow	Continue as a Forest Plan monitoring requirement. However, future reporting needs will be dependent upon identification of site-specific flow issues.
Water FP-6	Bacteriological sample of potable water supplies	Continue as a Forest Plan monitoring requirement, however the periodicity should be modified from bi-weekly to monthly to be more feasible and align with the State requirements.
Water FP-7	Stream peak flow (cfs)	Continue as a Forest Plan monitoring requirement. Peak or flood flows should be monitored and evaluated as needed to enhance forest databases and develop local peak flow calculations.
Water FP-8	Ocular evidence of erosion	Continue as a Forest Plan monitoring requirement. Published literature and established BMPs are well tested and provide valuable guidance, however, site specific evaluation of their effectiveness is necessary.
Water FP-9	Special Studies-Water Quality	Not a required Forest Plan monitoring item. However, using the Forest Plan monitoring report to share this sort of information is valuable.
Water FP-10 SWSR(rec)- 4	Water Quality	Forest Plan required. Continue as a Forest Plan monitoring requirement even though baseline data has been obtained. Monitoring should be maintained on an as needed basis rather than a specific schedule. Also, consider incorporating this monitoring item in with Fisheries FP-2 to avoid duplication of monitoring and reporting efforts. This monitoring item was identified in the Salmon Wild and Scenic River Management Plan-Recreation Segment.
Water FP-11 SWSR(rec)- 5	Water Quality Bacteriological monitoring	Forest Plan required, however, discontinue as a Forest Plan monitoring requirement due to the removal of the outhouses along the Salmon River and the pack-it-in-pack-it-out requirement on the river. This monitoring item was identified in the Salmon Wild and Scenic River Management Plan-Recreation Segment.
Water FP-12 SWSR(wild) -3	Water Quality on the mainstem Salmon River	Forest Plan required. Continue as a Forest Plan monitoring requirement. This monitoring requirement should be maintained on an as needed basis rather than a specific schedule. This monitoring item was identified in the Salmon Wild and Scenic River Management Plan-Wild Segment.
Water FP-13 MFWSR-1, 3	Water Quality	Forest Plan required. Continue as a Forest Plan monitoring requirement even though baseline data has been obtained. Monitoring should be maintained on an as needed basis rather than a specific schedule. This is a monitoring item identified in the Middle Fork of the Salmon Wild & Scenic River Management Plan.

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Water FP-14 FCWMP- 3	Water Quality	Forest Plan required. Continue as a Forest Plan monitoring requirement even though baseline data has been obtained. Monitoring should be maintained on an as needed basis rather than a specific schedule. This monitoring item was identified in the Frank Church – River of No Return Wilderness Management Plan.
Wildlife FP-1	Habitat and Population Trends for MIS and TE	Continue as a Forest Plan monitoring requirement. MIS monitoring is required by law and is essential to assess long-term trends in MIS and TES habitats and populations.
Wildlife FP-2	Habitat Improvement Accomplishments	Continue as a Forest Plan monitoring requirement.
Wildlife FP-3	Standard and Guideline Performance	Continue as a Forest Plan monitoring requirement as a means to sub-sample project level compliance to Forest Plan standards.