# C. Forest Plan Direction

The Stanislaus National Forest Land and Resource Management Plan (Forest Plan), as amended, directs the management of the Stanislaus National Forest. Forest Plan Standards and Guidelines (S&Gs) that specifically apply to Motorized Travel Management are listed below with their originating source indicated as follows:

- Stanislaus National Forest Land and Resource Management Plan, 1991 (LMP 91)
- Motor Vehicle Travel Management Forest Plan Amendment, 1998 (MVTM)
- Sierra Nevada Forest Plan Amendment, 2004 (SNFPA)

#### **Forestwide Standards and Guidelines**

#### **Cultural Resources**

Practices	General Direction	Standards and Guidelines
Cultural Resource Inventory and Evaluation (2-A) LMP 91	Complete a cultural resource inventory prior to any land disposal action or any Forest or Forest- permitted or assisted action, activity or program that has the potential of altering	Field survey coverage intensity shall be determined according to the Secretary of Interior's Standards and Guidelines on Archaeology and Historic Preservation and California Office of Historic Preservation Archaeological Survey Guidelines.
	prehistoric or historic cultural values to identify all potentially eligible cultural properties which may be affected (36 CFR 219.24).	Follow site recording methods established by the California Office of Historic Preservation Archaeological Site Record Handbook.
		Follow the standards for inventory reports in the Secretary of the Interior's Standards and Guidelines on Archaeology and Historic Preservation.
		Perform controlled sample surveys in designated Wilderness.
		Consult with members of the potentially affected local Native American community to identify specific locations and issues.
	Assess the scientific, historic and ethnic significance for each cultural property before	Use appropriate Programmatic Agreements and Treatment Plans whenever possible.
	determining further treatment (36 CFR 219.24).	Apply the National Register of Historic Places criteria in 36 CFR 60 and regulations in 36 CFR 63 to determine the eligibility of a cultural property to the National Register.
		Use FSM 2361, FSM 1680, and Advisory Council on Historic Preservation's "Treatment of Archaeological Properties: A Handbook", and the traditional values of local Miwok, Washo and Paiute Indian communities as guidelines for evaluating significance.
	Evaluate the effect of Forest undertakings on the resource.	Apply the Criteria of Effect in 36 CFR 800, and follow FSM 2361 for determining the effect of an undertaking.
Cultural Resource Protection (2-B)	All identified cultural resources are to be protected until they are evaluated. The integrity	Use the guidelines in FSM 2361 and FSM 1680 for developing and implementing protective measures.
LMP 91	and significant values of eligible properties and National Historic Landmarks are to be protected. When necessary, mitigative excavation or data recovery may be	Comply with 36 CFR 800 regulations and follow the guidelines in 36 CFR 66, FSM 2361, and the 13 principles in the "Treatment of Archaeological Properties" Handbook (ACHP).
	accomplished.	Conduct compliance inspections on all special use permits containing cultural resource stipulations or conditions. Protect documents, photographs and other information relevant to the administrative, social and contextual history of the Forest for research and public use.
		Utilize law enforcement patrols to help prevent site vandalism and conduct law enforcement investigations when cultural resources are impacted using ARPA, 36 CFR 261.9, and other applicable laws and regulations.

Practices	General Direction	Standards and Guidelines
Cultural Resource Enhancement and Interpretation (2-C)	Plan interpretation, research and restoration projects for the benefit of the public and of cultural resources.	Work with Interpretive Services to develop high quality brochures, publications and/or audio-visual presentations. Work with cooperators to develop high quality interpretive,
LMP 91	Treatments of cultural properties, including maintenance of historic properties, should be appropriate to their assessed values (as documented in the Statement of Significance in the Request for Determination of Eligibility and National Register nomination form), the state of knowledge and methods of cultural resource disciplines, and the public interest.  The significant values of National Register and eligible historic structures shall be conserved by physical protection and maintenance or recording to professional standards if physical preservation is not possible.	stabilization, and/or restoration projects.  Comply with 36 CFR 800 regulations and follow the guidelines in 36 CFR 66, FSM 2361 and the 13 principles in the "Treatment of Archaeological Properties" Handbook (ACHP).  Issue permits under the Archaeological Resources Protection Act of 1979 (P.L. 96-95) for non-Federal archaeological research projects on the Forest.  Encourage non-Federal research projects on the Forest.  Encourage the Sierra Miwok, Washo, and Mono Lake Paiute to contribute to the Forest's cultural resource management activities, to enhance public understanding of their traditional and contemporary cultures.

#### Fish and Wildlife

Practices	General Direction	Standards and Guidelines
Bald Eagle (5-E) LMP 91	Meet the Forest's share of the bald eagle recovery plan goal of three active breeding sites.	Provide a ¼ mile buffer between target nest stands and developed recreation facilities. When nesting bald eagles are found, implement suitable restrictions on nearby activities based on the Regional habitat management guidelines and the habitat capability model for the species. Protect all historic and active nests, as required by the Bald Eagle Protection Act and the Migratory Bird Treaty Act.
Recovery Species Management (5-L) LMP 91	Management activities will comply with the Endangered Species Act.	Conduct a Biological Evaluation for any project which may affect a species proposed for Federal listing.  Modify or mitigate projects where necessary to avoid adverse impacts to habitats for species which are candidates or proposed for Federal listing.
Peregrine Falcon (5-L)  LMP 91	Meet the Forest's share of the peregrine falcon recovery plan goals of two active breeding territories by providing superior nesting habitat at two nest sites.	For each peregrine falcon territory, avoid high levels of human activity near suitable nesting sites. When active nesting is found, restrict logging, road building and other disturbing activities within ½ mile of the nest site between March 1 and July 31.  Manage territories to enhance habitat for common prey species such as band-tailed pigeons, woodpeckers, jays and robins. Utilize opportunities to fund peregrine reestablishment through hacking or cross-fostering until the species is delisted. Protect all historic and active nests, as required by the Migratory Bird Treaty Act.

## Range

Practices	Standards and Guidelines
Noxious Weed Management (9-E)	Inform forest users, local agencies, special use permittees, groups, and organizations in communities near National Forests about noxious weed prevention and management.
SNFPA	Work cooperatively with California and Nevada State agencies and individual counties (for example, Cooperative Weed Management Areas) to: (1) prevent the introduction and establishment of noxious weed infestations and (2) control existing infestations.
	As part of project planning, conduct a noxious weed risk assessment to determine risks for weed spread (high, moderate, or low) associated with different types of proposed management activities. Refer to weed prevention practices in the Regional Noxious Weed Management Strategy to develop mitigation measures for high and moderate risk activities.
	When recommended in project-level noxious weed risk assessments, consider requiring off-road equipment and vehicles (both Forest Service and contracted) used for project implementation to be weed free. Refer to weed prevention practices in the Regional Noxious Weed Management Strategy.
	Minimize weed spread by incorporating weed prevention and control measures into ongoing management or maintenance activities that involve ground disturbance or the possibility of spreading weeds. Refer to weed prevention practices in the Regional Noxious Weed Management Strategy.
	Conduct follow-up inspections of ground disturbing activities to ensure adherence to the Regional Noxious Weed

Practices	Standards and Guidelines
	Management Strategy.
	Encourage use of certified weed free hay and straw. Cooperate with other agencies and the public in developing a certification program for weed free hay and straw. Phase in the program as certified weed free hay and straw becomes available. This standard and guideline applies to pack and saddle stock used by the public, livestock permittees, outfitter guide permittees, and local, State, and Federal agencies.
	Include weed prevention measures, as necessary, when amending or re-issuing permits (including, but not limited to, livestock grazing, special uses, and pack stock operator permits).
	Include weed prevention measures and weed control treatments in mining plans of operation and reclamation plans. Refer to weed prevention practices in the Regional Noxious Weed Management Strategy. Monitor for weeds, as appropriate, for 2 years after project implementation (assuming no weed introductions have occurred).
	Conduct a risk analysis for weed spread associated with burned area emergency rehabilitation (BAER) treatments. The BAER team is responsible for conducting this analysis. Monitor and treat weed infestations for 3 years after the fire.
	Consult with American Indians to determine priority areas for weed prevention and control where traditional gathering areas are threatened by weed infestations.
	Complete noxious weed inventories, based on regional protocol. Review and update these inventories on an annual basis.
	As outlined in the Regional Noxious Weed Management Strategy, when new, small weed infestations are detected, emphasize eradication of these infestations while providing for the safety of field personnel.
	Routinely monitor noxious weed control projects to determine success and to evaluate the need for follow-up treatments or different control methods. Monitor known weed infestations, as appropriate, to determine changes in weed population density and rate of spread.

#### Recreation

Necreation							
Practices	General Direction	Standards and Guidelines					
Recreation Opportunity Spectrum (10-B) LMP 91	Recreation Opportunity Spectrum (ROS) is a management concept that applies Forestwide. Every a National Forest land treated by this Forest Plan fits into one of the ROS classes listed below.						
1. ROS Primitive	Manage the area to be essentially free from evidence of man-induced restrictions and controls. Provide a range of primitive-recreation opportunities and experiences.	Meet the ROS objective of Primitive. Interaction between visitors is very low and the evidence of other users is minimal. Mechanized use is prohibited. Resource improvements will normally be limited to minimum, unobtrusive facilities. Road development and timber harvest are not permitted.					
ROS Semi-primitive     Non-motorized	Manage the area so that on-site controls are minimized and restrictions are subtle. Provide a range of semi-primitive non-motorized recreation opportunities and experiences.	Meet the ROS objective of Semi-primitive Non-motorized. Interaction between visitors is low but there is evidence of other users. Motorized use is normally prohibited. Resource improvements will normally be limited to minimum, unobtrusive facilities.					
ROS Semi-primitive Motorized	Manage the area so that on-site controls and restrictions are evident but not dominant. Provide a range of semi-primitive motorized recreation opportunities and experiences.	Meet the ROS objective of Semi-primitive Motorized. Interaction between visitors is low to moderate and there is evidence of other users. Motorized use is normally allowed, but may be subject to seasonal restrictions. Resource improvements occur but are subordinate to the surrounding natural environment.					
4. ROS Roaded Natural	Manage the area so there is only moderate evidence of the sights and sounds of man. Provide a range of roaded natural recreation opportunities and experiences.	Meet the ROS objective of Roaded Natural. Interaction between users is usually low to moderate with evidence of other users prevalent. Resource modification practices are evident. Conventional motorized use is provided for in construction standards And facilities designs.  A full range of other resource activities is permitted to the extent that the general practice description is met.					
5. ROS Rural	Manage the area to accommodate substantial modification of the natural environment. Provide a range of rural recreation opportunities and experiences.	Meet the ROS objective of Rural. Sights and sounds of man are evident. Interaction between users is moderate to high. Facilities are designed for use by large numbers of people and intensified for motorized use and parking. A full range of other resource activities is permitted to the extent that the general practice description is met.					

Practices			Genera	al Direction	Sta	ndards and Guidelines	
Motor Vehicle Travel Management (10-G) MVTM				l Management applies Feether the Closed or Res		e of National Forest treated b shown below.	y this
Closed Motor     Vehicle Travel     Management		1. ( 2. ( Cond	Consider t Consider t uct survey	motorized use temporary exceptions wh temporary exceptions for ys, observe conditions ar by, unauthorized motoriz	administrative acces	• •	evidence
Restricted Motor     Vehicle Travel     Management	В.	Socia 1.	al Setting Private Pri a. Invent b. Reco c. Locar connect d. Cond minin User Grout a. Seek a suc 1. 2. 3. 4. 5. 6. b. Monit 1. 2. c. Use proute d. Cond minin urce Sett Cultural F addition: a. Com trave b. Cond a. Locar mana b. Empl mate c. Cond c	property: Intory, rank and acquire round agnize private property during the designated routes to average the designated routes explain the state of the designated routes and property and the state of the designation of the state of the sta	e rights-of-way as neeing route inventory and bid private property unlist.  itions and carry out refroperty caused by mot e, industry, users and con program.  with local authorities to so ther than National Fidusers. Users are essinterested in resource of all motorized recreating and vehicle dealers inc.  State and BLM to address of the control of t	revisions. ess opportunities and agreeme mabilitation, as needed, to mitig forized use.  other federal and local agencie seek opportunities for hill climb forest.  tential in laying out road and tra protection. User participation a on management activities. Is to identify needs, utilize volun tess joint management of trail n  oroblems.  twissues. and periodically make related in sponses and review for trends and make recommended chan to process. Inabilitation, as needed, to mitig totorized use.  If Guidelines for Cultural Reso as part of all site-specific mon the programmatic agreement that rehabilitation, as needed, to did by motorized use.  In addition: the conflicts with fuel break and of ervice generated public informa	as to develop be and all networks and support ateers and aetworks and information and issues. ages in the ate and burces. In btor vehicle afor the be mitigate ther fire
		3.	Fish and \	Wildlife: Follow Forestwide	Standards and Guide	elines for Fish and Wildlife. In a	ddition:

Practices	Genera	l Dir	ectio	n	Standards and Guidelines
	a. The v	vildlife	e area	as sul	bject to special management are:
	1.	Pere	grine	Falc	con
	;	a. Implement a limited operating period (LOP), from February 1 through July 31, on all peregrine falcon territories active within the preceding five years, for at least 0.5 miles from the nest.			
			1.		trict motor vehicle activities and new road construction, during this LOP, ording to a management plan for the area.
		b.			ew motor vehicle activity within 200 feet of lake shorelines that are used by falcons.
	2.	Bald	Eagl	le	
	;				signated Territories (delineated bald eagle management areas, or additional based on nesting occupancy):
			1.	Impl	ement a LOP, from January 1 through August 31.
				a.	Apply LOP restrictions to motor vehicle activities on level 1 roads and OHV routes open to the general public.
				b.	Allow new road construction, during the LOP, only when surveys determine no nesting activity.
				C.	Encourage use of existing roads and skid trails for vegetation and fire management purposes.
				d.	Construct new roads only for vegetation or fire management purposes; close these new roads following their management use.
			2.		hibit new motor vehicle activity in wetlands, streamside management zones, within 200 feet of lake shorelines that are used by bald eagles.
					esignated Territories (new active bald eagle nests outside of designated nent territories):
			1.	buffe	n January 1 through August 31, implement the following restrictions in a er area around the nest for a distance determined by the Wildlife Biologist on e-specific basis.
				a.	Re-route existing OHV use to routes at a safe distance from the nest.
				b.	Close or detour existing roads in the proximity of the nest site.
				C.	Prohibit motor vehicle activities in the roost area.
	3.	Calif	ornia	red-	legged frog
	;	a.	With	in 300	I feet of streams or ponds that have potential suitable habitat:
			1.		struct new roads or trails or use off-road routes for motorized vehicles only conducting amphibian surveys to the most recent protocol for the frog.
			2.	adja	w stream crossings only where the route, through the water, and the cent streamside areas are naturally resistant to tires or are hardened with or other materials.
	4.	Spot	ted (	Owl,	Fisher, Marten, Goshawk, Great Gray Owl, Western Pond Turtle
	i	a.	Activ areas		sts of sensitive raptors not otherwise protected in specified management
			1.		ride special measures to protect nests discovered close to motorized trails or D routes where needed for nesting success.
					her/Marten reproductive areas in Forest Plan Near Natural and Wildlife nent areas.
			1.	Cons	struct new roads or trails or use existing off-road routes for motorized cles only where compatible with the road/trail density standards below, and re approved in the fisher/marten area management plan.
		c.	In ar	ea ad	ljacent to waters with known populations of western pond turtle:
			1.	vehic	struct new roads or trails or use existing off-road routes for motorized cles only if at least ¼ mile from occupied habitat or where approved by a life Biologist.
	5.	Early	/ Suc	cess	ional Species (mule deer and associates)
		a.	Deer	winte	er concentration areas or critical winter deer range may be closed to use from 11/15 to 4/15.
		b.			mer concentration areas or critical summer deer range may be closed to use from 4/15 to 8/1.
	b. Cond	uct sı	urvey	s, ob	serve conditions and carry out rehabilitation, as needed, to mitigate and

Practices		General Direc	ction	Standards and Guidelines
		minimize cor	oflicts with fish and	wildlife caused by motorized use.
	4. Ra	<b>nge</b> : Follow Fo	restwide Standards	and Guidelines for Range. In addition:
	a.		• •	itions and carry out rehabilitation, as needed, to mitigate and used by motorized use.
	5. Re	creation: Follo	w Forestwide Stand	lards and Guidelines (as amended) for Recreation. In addition:
	a.	Designate a	managed system of	f existing motorized routes maintained to standards.
		1. Condu	ct route condition ra	tings, using the Route Condition Rating form and its instructions.
				y skills and public participation.
		b. M	lanage routes as fo	llows:
		1.		d Green (OK): Sign open to motorized use with width restrictions, e maintenance to remain in Green.
		2.	width restriction	Brown (Needs maintenance): Sign open to motorized use with s, if any. Schedule maintenance to move up to Green, with avoid moving into Orange.
		3.		d Orange (Needs Major Attention): Close to motorized use. enance, rehabilitation or mitigation to move up to Brown, then erate.
	b.	unresolvable	Routes: include ro conflicts are likely,	ads, routes and trails as described below. If resource damage or the route should be repaired, relocated or closed. Designated and maintained by Special Use Permittees.
		•	<b>ghway</b> : include Mot ed below.	orcycle, ATV, OHV, 4WD and Combined Use routes as
		M		ycle Routes: include narrow single track trails. Designated re open only to single track vehicles less than 24 inches wide
				<b>butes</b> : include narrow double track trails. Designated ATV Routes cles less than 50 inches wide (Motorcycles and ATVs Only).
		rc of	pads which are oper ther full width routes	outes: include full width roughly graded (level 2) Forest System to public motorized use. Designated OHV routes also include and trails which are open to motorized use. Designated OHV III vehicles, but not maintained for conventional highway vehicles.
			•	<b>butes</b> : include full width roads, routes or trails which are not ntional highway vehicles; 4WD travel is recommended.
				ned Use Routes: include portions of high standard roads for reet legal and non-street legal vehicles.
			<b>Snow</b> : include Whee as described below	eled Over-Snow (WOS) routes and Over-Snow Vehicle (OSV)
			esignated WOS R or WOS use by ATV	<b>outes</b> : include surfaced roads and other routes which are open s.
		m th	notorized use. Cross nat purpose, will be	butes: include roads, routes and trails which are open to s-country over snow travel, by vehicles designed specifically for permitted when there is 12 inches or more of snow and no native soil or vegetation.
	C.	Provide com	prehensive user inf	ormation and education programs.
		1. Renew	the "Host" program	emphasis and provide training.
		2. Include	well done entry sta	tions and bulletin boards at staging areas and contact stations.
		<ol><li>Provide</li></ol>	e professional qualit	y signs, maps and brochures.
		with the		ethic through literature, handouts and radio announcements e same: tread lightly, stay on roads and trails to protect our sport, ironment.
		<ol><li>Encour</li></ol>	age motorized use	in appropriate areas.
	d.	Provide com	prehensive project	level planning, perhaps within a watershed analysis.
			orate control measu ed areas.	res such as fencing and rehabilitation measures for presently
				Ils and public participation in route condition ratings, nominations, nstruction and maintenance.
			sign planning, insta nance of routes.	allation and maintenance in contracts for construction and

Practices		Ge	neral Direction	Standards and Guidelines
		4	Strategically locate staging	areas serving as trailheads near street legal access points.
		Ę	<ol> <li>Consider future changes, a opportunities for loop trave</li> </ol>	additional designations and route developments to enhance OHV I.
		6	<ol> <li>Consider other selected m where this would enhance</li> </ol>	aintenance level 3, 4, and 5 Forest roads for Combined Use OHV opportunities.
		7	<ol> <li>Provide motorcycle and A<sup>-</sup> Pines, Liberty and Pilot Ric</li> </ol>	TV trail riding opportunities in the Hull Creek, Crandall, Penny loe areas.
			Prepare California Backcountry	Discovery Trail (CBDT) nominations after project level analysis of by the California Department of Parks and Recreation.
			Provide maps and other in	formation on CBDT segments. Include information on segments or similar OSV opportunities.
			•	OSV route grooming as additional non-Forest Service funding is
		g. (	Conduct surveys, observe cond	itions and carry out rehabilitation, as needed, to mitigate and reationists caused by motorized use.
	6.			ds and Guidelines for Riparian. In addition:
		a. (		itions and carry out rehabilitation, as needed, to mitigate and
	7.		• .	Standards and Guidelines for Sensitive Plants. In addition:
			Protect sensitive plants from mo ederally threatened or endange	torized activities which might cause the plants to become red.
		,		pulations of sensitive plants only where the planned impacts are d where proliferation of routes into adjacent parts of the
		2	<ol> <li>Locate OHV staging areas</li> </ol>	where associated off-site use does not damage sensitive plants.
			Conduct surveys, observe cond minimize damage to sensitive pl	itions and carry out rehabilitation, as needed, to mitigate and ants caused by motorized use.
	8.	Soils:	Follow Forestwide Standards a	and Guidelines for Soils. In addition:
			Conduct surveys, observe cond minimize soil loss caused by mo	itions and carry out rehabilitation, as needed, to mitigate and torized use.
	9.		al Areas: Follow Management arch Natural Areas, and Experin	Area Direction (as amended) for Special Interest Areas, nental Forest. In addition:
				itions and carry out rehabilitation, as needed, to mitigate and a values caused by motorized use.
	10.	directi		tandards and Guidelines for Transportation. The existing to protect wildlife and riparian values also applies to OHV routes
		a. F	Prohibit non-street legal vehicles	s on roads or routes not designated for OHV use.
			Consider closing to all motorized apportunities.	d use those roughly graded roads that do not enhance motorized
		c. (	Comply with the Highway Safety	Act and prepare Combined Use orders as necessary.
			Utilize seasonal closures to prot	
		r	outes.	discourage normal passenger vehicle travel on designated OHV
			Conduct surveys, observe cond minimize traffic conflicts caused	itions and carry out rehabilitation, as needed, to mitigate and by motorized use.
	11.	_		lards and Guidelines for Diversity. In addition:
		r	ninimize damage to vegetation	•
	12.			Standards and Guidelines for Visual Resource. In addition:
		r	ninimize damage to the visual r	itions and carry out rehabilitation, as needed, to mitigate and esource caused by motorized use.
	13.			and Guidelines for Water. In addition:
		r	ninimize damage to water quali	
	14.		and Scenic Rivers: Follow Mar and In addition:	nagement Area Direction (as amended) for Wild and Scenic

Stanislaus National Forest

Practices	General Direction					Standards and Guidelines
			a.			tions and carry out rehabilitation, as needed, to mitigate and cenic River values caused by motorized use.
		15.	Wilc	derness: Fo	ollow Management Are	a Direction (as amended) for Wilderness. In addition:
			a.			tions and carry out rehabilitation, as needed, to eliminate uthorized motorized use.
	C.	Man	nager	ment Setti	ng	
		1.	Adn	ninistratio	n:	
			a.	Prohibit m	notorized use and close	motorized routes in non-motorized areas.
			b.		ross-country overland C	
			C.	-	mpatible the other direc	timate uses of the National Forest and provide opportunities, tion and guidelines established in the Forest Plan and this
			d.	Manage (	DHV activities to meet t	he intent of the Executive Orders 11644 and 11989.
			e.		•	rotect resources, promote the safety of all users, and minimize of the Forest (36 CFR 219.21 (g)).
			f.			ems presenting an immediate threat to life or property through an e(s) causing the problem.
			g.	suppressi	on and other projects th	ed activities in timber sale, reforestation, fuelbreak, fire hat may affect Motor Vehicle Travel Management. For traffic emporarily closed during management activities.
			h.			red events on a case-by-case basis.
			i.		erent types of motorized	•
					ss signed or physically	
				a.	•	nd travel is not permitted.
				b.	•	now travel, by vehicles designed specifically for that purpose, is is 12 inches or more of snow and no contact is made with native
					lirect access to campsit	up to 100 feet from roads, routes and established travel ways tes, parking, woodcutting, or gathering forest products provided
				a.	no resource damage	occurs; and,
				b.	such access is not oth	nerwise prohibited.
			j.		onsistent signing.	and an decay to all relative
						gned as described below.
				a.		or conventional highway vehicles: standard highway sign, or ith horizontal route number, installed at road intersections.
				b.	Service sign, or carso	ed for conventional highway vehicles: standard Forest inite type marker (on Designated OHV Routes), with vertical d at road intersections.
				2. <b>Off-</b>	Highway: Forest roads	s, routes and trails are signed as described below.
				a.	,	rcle Routes: carsonite type marker with motorcycle symbol r, if shown) installed at access points and intersections with other
				b.		utes: carsonite type marker with ATV or motorcycle/ATV symbol r, if shown) installed at access points and intersections with other
				C.	•	utes: standard Forest Service sign, or carsonite type marker, nber, installed at access points and intersections with other
				d.		<b>utes</b> : standard Forest Service sign, or carsonite type marker, bol and vertical route number, installed at access points and er designated routes.
				e.	symbol in addition to s	ed Use Routes: yellow diamond shaped highway sign with ATV standard signs indicating Combined Use by street legal and non-nstalled at both ends of the Combined Use segment.

Practices		(	Gene	ral Direction	Standards and Guidelines
			3.	Over-Snow: Forest roads	, routes and trails are signed as described below.
				<ul> <li>Designated WOS R areas.</li> </ul>	outes: ATV symbol installed at access points from winter parking
				<ul> <li>Designated OSV Reparking areas.</li> </ul>	<b>putes</b> : snowmobile symbol installed at access points from winter
			4.	Closed: Forest roads, rou	tes and trails that are closed to motorized use are indicated by:
				a. the presence of clos	ed signs, gates or barriers.
	2.	Lav	v Enfo	orcement:	
		a.	Pro	vide appropriate levels of er	forcement:
			1.	A Forest Service presence need are essential.	e in the use area and application of law enforcement based on the
			2.	•	riding the type of vehicles used in the area; these contact persons h machine and safety gear and they must be qualified riders or
		b.	Upo	date Forest Orders and enfo	rce closures and other restrictions.

#### Sensitive Plants

Practices	General Direction	Standards and Guidelines
Sensitive Plants Interim and Recovery Management (12-A)	Provide for protection and habitat needs of sensitive plants, so that Forest activities will not jeopardize their continued existence.	Protect sensitive plants from activities which might cause them to become Federally listed as Threatened or Endangered.
LMP 91		Identify populations of sensitive plants which occur in areas planned for timber sales or other projects.
		Modify planned projects to avoid or minimize adverse impacts to sensitive plants.
		Where projects may jeopardize a sensitive plant species perform a Biological Evaluation, botanical investigation and develop management guidelines, as necessary, for the species involved.
		Conduct surveys and monitoring necessary to detect potentially damaging disturbances, changes in known populations and locations of new populations.
Sensitive Plant Surveys (12-A) SNFPA <sup>1</sup>	Conduct field surveys for TEPS plant species early enough in the project planning process that the project can be designed to conserve or enhance TEPS plants and their habitat. Conduct surveys according to procedures outlined in the Forest Service Handbook (FSH 2609.25.11). If additional field surveys are to be conducted as part of project implementation, survey results must be documented in the project file.	

#### Soils

Practices	General Direction	Standards and Guidelines
Soil Support Services (13-A) LMP 91	Forest projects and activities shall be conducted to maintain or improve soil productivity. (36 CFR 219.27(a) (1), 219.27(a)(2), 219.27(b)(5), 219.27(f)). Forest Soil Quality Standards and Best Management Practices will be implemented.	Best Management Practices (BMPs) Implement BMPs to mitigate the environmental impacts of erosion, compaction, and soil displacement. Require special soil mitigation to use ground skidding equipment on slopes steeper than 35%. Require special soil mitigation to use ground skidding equipment on soils that erode, displace, or compact easily. Where actual or potential slope instability is identified, specific mitigating measures will be developed by an interdisciplinary team including a geologist.

 $^{\rm 1}$  1920-2, April 19, 2005; Corrected Errata - SNFPA 2004 ROD - TEPS Plant Survey Standard and Guideline

Appendix C Forest Plan Direction

#### Visual Resources

Practices	General Direction	Standards and Guidelines
Visual Resource Inventory and Planning (17-A) LMP 91	Maintain current data files for: Visual Quality Objectives (VQOs), Visual Absorption Capability (VAC), and Existing Visual Condition (EVC).  Provide visual resource recommendations to land managers and interdisciplinary team members who are assessing land altering projects with a VQO of Partial Retention or Retention.	Provide visual analysis using aerial photos, existing VAC maps, field analysis, computer perspective plots or simulations for projects with a VQO of Partial Retention or Retention.  Predict future visual condition on a project basis.
Visual Quality Objectives (VQOs) (17-B) LMP 91	Manage areas to provide a characteristic natural appearing landscape commensurate with the description stated for each VQO practice. Resource management activities will be guided by the appropriate Landscape Management handbooks and Forest Landscape Architects' recommendations. VQOs are desired ratings outlined under the Forest Service system of Visual Resource Management. VQOs apply Forestwide; every acre of National Forest land treated by this Forest Plan fits into one of the VQO classes listed below (No Maximum Modification):	Meet the adopted VQO for all landscape altering projects.  VQOs will be compatible with the applicable ROS classes.  Maintain visual quality by including mitigation measures for all activities that have the potential to alter the landscape beyond the adopted Visual Quality Objective.  Specific facility and vegetative treatment within major highway view sheds will be guided by approved View shed Plans.
VQO Preservation	Allow ecological changes only, except for trails.	Design and locate trails, trail bridges, and other trail related improvements as unobtrusive as possible in the landscape.
2. VQO Retention	Provide a natural appearing landscape where changes are not readily evident.	Foreground Distance Zone Impacts of management activities in highly visible foreground areas will be reduced through special treatments.  Middleground and Background Zones Visual diversity shall relate to the concept of a "natural appearing forested landscape" in a sequence and continuity of a view in the middleground or background. Special cutting may be applied.
3. VQO Partial Retention	Provide a natural appearing landscape where changes are evident but are subordinate to the surrounding characteristic landscape.	Foreground Distance Zone Where safe, maintain old-growth specimen character trees in the immediate foreground distance zone. Visual diversity shall relate to the concept of a "natural appearing forested landscape" in a sequence and continuity of a view in the foreground.  Special cutting permitted. Impacts of management activities in highly visible foreground areas will be reduced through special treatments.  Middleground and Background Zones Visual diversity shall relate to the concept of a "natural appearing forested landscape" in a sequence and continuity of a view in the middleground or background.
4. VQO Modification	Allow for modified conditions where changes are readily evident and may dominate the surrounding characteristic landscape.	

#### Water

Practices	General Direction	Standards and Guidelines
Water Quality Management (18-A) LMP 91	Comply with all applicable Federal and State water quality standards. Prevent or minimize as much as possible any water quality impacts which may be caused by Forest management activities.  Achieve the goals for preventing or minimizing water pollution as stated in the Federal Clean Water Act. Implement water quality Best Management Practices (BMPs) as specified in the Management Agency Agreement with the California Water Resources Control Board for protection of non-point water pollution sources. Comply with applicable provisions of the Water Quality Control Plan (Basin Plan) of the California Central Valley Regional Water Control Board.	Implement water quality Best Management Practices (BMPs) as needed for all Forest management activities. BMPs are a system of nearly 100 practices designed to minimize or prevent water pollution from Forest management activities. They cover such activities as timber harvest, road construction, mining, recreation, fire management and grazing.  Monitor the implementation and effectiveness of BMPs in selected areas to determine if they are being carried out and if they are accomplishing their objectives.  Analyze cumulative watershed effects (CWE) on all applicable proposed Forest management activities to determine off-site effects on the beneficial uses of water.

# **Management Area Direction**

## Wilderness and Proposed Wilderness

Practices	General Direction	Standards and Guidelines
ROS Primitive (10-B-1) LMP 91	Provide for very low interaction between visitors with a range of primitive recreation experiences. Evidence of other users is minimal.	Manage to a ROS Class of Primitive. This is the adopted ROS level for management of all Wilderness. The ROS Class of Semi-Primitive Non-Motorized is an acceptable interim level for certain areas within Wilderness.
Closed Motor Vehicle Travel Management (10-G-1) MVTM	Closed to motorized use.	Manage to Forestwide S&Gs for Closed Motor Vehicle Travel Management.  Conduct surveys, observe conditions and carry out rehabilitation, as needed, to eliminate evidence of, and access by, unauthorized motorized use.
VQO Preservation (17-B-1) LMP 91	Allow ecological changes only. Trails, trail bridges, and other trail related improvements will be designed and located to be as obscure as possible.	Manage to the VQO of Preservation. This is adopted VQO level for all Wilderness.

## Wild and Scenic Rivers and Proposed Wild and Scenic Rivers

Practices	General Direction	Standards and Guidelines
ROS Primitive (10-B-1) LMP 91	Provide for very low interaction between visitors with a range of primitive recreation experiences. Evidence of other users is minimal.	Manage to the ROS Class of Primitive. This is the adopted ROS level for all Wild Rivers within Wilderness.
ROS Semi-primitive Non-motorized (10-B-2) LMP 91	Provide for low interaction between visitors with a range of SPNM recreation experiences. Evidence of other users is unobtrusive.	Manage to the ROS Class of Semi-primitive Non-motorized. This is the adopted ROS level for all Wild Rivers outside of Wilderness and some Scenic or Recreational rivers.
ROS Semi-primitive Motorized (10-B-3) LMP 91	Provide for low to moderate interaction between visitors with a range of SPM recreation experiences. Evidence of other users is moderate.	Manage to the ROS Class of Semi-primitive Motorized. This is the level for some Scenic Rivers.
ROS Roaded Natural (10-B-4) LMP 91	Provide for moderate interaction between visitors with a range of roaded natural recreation experiences. Evidence of other users is moderate.	Manage to a ROS Class of Roaded Natural. This is the adopted ROS level for some Recreational Rivers and some Scenic Rivers.
Closed Motor Vehicle Travel Management (10-G-1) MVTM	Closed to motorized use.	Manage to Forestwide S&Gs for Closed Motor Vehicle Travel Management.  Clark Fork  Headwaters - Wilderness

Practices	General Direction	Standards and Guidelines
		Clavey River
		Bell Creek (6 mile Wild portion)
		Lily Creek (9 mile Wild portion)
		3N01 - Cottonwood Road (4 mile Wild portion)
		Cottonwood Road - Tuolumne (14 mile Wild portion)
		Middle Fork Stanislaus
		Kennedy Creek
		Clark Fork - Donnell Reservoir
		Sand Bar - North Fork Stanislaus
		North Fork Mokelumne
		Wilderness - Salt Springs Reservoir
		North Fork Stanislaus
		Highland Creek - Mckays (13 mile Wild portion)
		Mckays - Middle Fork Stanislaus
l		South Fork Tuolumne
		Stanislaus
		Tuolumne
		Yosemite - Early Intake
		Cherry Creek - Lumsden
		Lumsden Area - Don Pedro
		Conduct surveys, observe conditions and carry out rehabilitation, as needed, to eliminate evidence of, and access by, unauthorized motorized use.
Restricted Motor Vehicle Travel Management	Provide opportunities for motorized recreation compatible with Wild and Scenic River values as shown below.	Manage to Forestwide S&Gs for Restricted Motor Vehicle Travel Management. Use restrictions to protect Wild and Scenic River values.
(10-G-2)		Clark Fork
MVTM		Wilderness - Middle Fork Stanislaus
		Clavey River
		Bell Creek (1 mile Scenic portion)
		Lily Creek (2 mile Scenic portion)
		Bell/Lily Confluence - 3N01
		3N01 - Cottonwood Road (4 mile Scenic portion)
		Cottonwood Road - Tuolumne (2 mile Scenic portion)
		Middle Fork Stanislaus
		Deadman Creek
		Relief Reservoir - Clark Fork
		North Fork Mokelumne
		Highland Lake - Wilderness
		North Fork Stanislaus
		Highland Creek - Mckays (3 mile Recreational portion)
		Merced
		Tuolumne
		Early Intake - Cherry Creek
		Lumsden Area
		Niagara Creek
		Conduct surveys, observe conditions and carry out rehabilitation, as needed, to mitigate and minimize damage to Wild and Scenic River values caused by motorized use.
VQO Preservation (17-B-1)	Provide a high quality visual setting where changes are unnoticed both within the	Manage to a VQO of Preservation. This is the adopted VQO level for all Wild Rivers within Wilderness.
LMP 91	Management Area and from the rivers.	·

Practices	General Direction	Standards and Guidelines
VQO Retention (17-B-2) LMP 91	Provide a high quality visual setting where changes are not readily evident.	Manage to a VQO of Retention. This is the adopted VQO level for Wild, Scenic and Recreational Rivers which are outside of Wilderness.
		Portions of some Scenic and Recreational Rivers exist in a condition equal to Partial Retention. This is an acceptable interim level, which will be upgraded to Retention over time through natural process and/or rehabilitation.

#### Near Natural

Practices	General Direction	Standards and Guidelines
ROS Semi-primitive Non-motorized (10-B-2) LMP 91	Provide for low interaction between visitors with a range of SPNM recreation opportunities. Evidence of other use is unobtrusive.	Manage to ROS Class of SPNM.
Closed Motor Vehicle Travel Management	Closed to motorized use.	Manage to Forestwide S&Gs for Closed Motor Vehicle Travel Management.
(10-G-1) <b>MVTM</b>		Conduct surveys, observe conditions and carry out rehabilitation, as needed, to eliminate evidence of, and access by, unauthorized motorized use.
VQO Retention (17-B-2) LMP 91	Provide a high quality visual setting where changes are not readily evident.	Manage to a VQO of Retention.

#### Wildlife

Practices	General Direction	Standards and Guidelines
ROS - Semi-primitive Motorized (SPM) (10-B- 3) LMP 91	Provide for low to moderate levels of interactions between forest visitors with a range of Semi-primitive Motorized recreation experiences. Evidence of other use is moderate.	Manage to the ROS class of Semi-Primitive Motorized, consistent with wildlife values and implementation plans. This is the adopted ROS level for the Wildlife Management Areas.
ROS - Roaded Natural (RN) (10-B-4) LMP 91	Provide for moderate levels of inter- actions between Forest visitors with a range of roaded natural recreation experiences. Evidence of other use is moderate.	Manage to the ROS class of Roaded Natural, consistent with Wildlife values and implementation plans. This is the adopted ROS level for the Wildlife Management Areas where existing improvements represent the ROS Class of Roaded Natural.
Restricted Motor Vehicle Travel Management (10-G-2) MVTM	Provide opportunities for motorized recreation compatible with Wildlife values.	Manage to Forestwide S&Gs for Restricted Motor Vehicle Travel Management. Use restrictions to protect Wildlife values. Conduct surveys, observe conditions and carry out rehabilitation, as needed, to mitigate and minimize damage to Wildlife values caused by motorized use.
VQO - Retention (17-B-2) LMP 91	Maintain the visual character of the VQO Retention for the pleasure of the viewing public. Design land and vegetation disturbing projects to meet Retention.	Manage to a VQO of Retention.  Base size, shape and dispersion of harvest units, road construction, and other resource disturbance on meeting Retention.
VQO – Partial Retention (17-B-3) LMP 91	Design land and vegetation disturbing projects to meet Partial Retention, in middleground distance zones where this is the VQO.	Base size, shape, and dispersion of harvest units, road construction and other resource disturbances on meeting middleground Partial Retention.

## Special Interest Areas

Practices	General Direction	Standards and Guidelines
ROS Primitive (10-B-1) ROS Semi-primitive Non-motorized (10-B-2) ROS Semi-primitive Motorized (10-B-3) ROS Roaded Natural (10-B-4) LMP 91	Maintain a range of recreation experiences, since classes vary between identified Special Interest Areas. Keep Recreation Opportunity Spectrum (ROS) levels at the adopted class.	Manage dispersed recreation in these areas to maintain or improve the adopted ROS classes, consistent with Special Interest Area values and implementation plans.
Closed Motor Vehicle Travel Management (10-G-1) MVTM	Closed to motorized use.	Manage to Forestwide S&Gs for Closed Motor Vehicle Travel Management:  Emigrant Road and Big Trees-Carson Valley Road  Conduct surveys, observe conditions and carry out rehabilitation, as needed, to eliminate evidence of, and access by, unauthorized motorized use.
Restricted Motor Vehicle Travel Management (10-G-2) MVTM	Provide opportunities for motorized recreation compatible with SIA values.	Manage to Forestwide S&Gs for Restricted Motor Vehicle Travel Management. Use restrictions to protect SIA values:  Column of the Giants Sonora Mono Toll Road Jordan Creek/Bower Cave Pacific Madrone Trumbull Peak Windelar Cave Bourland Trestle Bull Run Niagara Creek Jawbone Falls Conduct surveys, observe conditions and carry out rehabilitation, as needed, to mitigate and minimize damage to SIA values caused by motorized use.
VQO Preservation (17-B-1) LMP 91	Allow ecological changes only.	Manage to a VQO of Preservation. This is the adopted VQO level for Special Interest Areas within Wilderness.
VQO Retention (17-B-2) LMP 91	Maintain a near natural visual character. Provide a high quality visual setting where changes are not readily evident.	Manage to a VQO of Retention. This is the adopted VQO level for Special Interest Areas outside of Wilderness.

#### Research Natural Areas

Practices	General Direction	Standards and Guidelines
ROS Semi-primitive Non-motorized (10-B-2)	Close RNAs to all mechanized use, except wheelchairs needed for barrier free access.	Manage to ROS class of SPNM. This is the adopted ROS level for RNAs.
LMP 91	Provide for low interaction between visitors with a range of SPNM recreation experiences. Evidence of other uses is unobtrusive.	
Closed Motor Vehicle Travel Management	Closed to motorized use.	Manage to Forestwide S&Gs for Closed Motor Vehicle Travel Management.
(10-G-1) MVTM		Conduct surveys, observe conditions and carry out rehabilitation, as needed, to eliminate evidence of, and access by, unauthorized motorized use.
VQO Preservation (17-B-1) LMP 91	Allow only ecological changes.	Manage to a VQO of Preservation. This is adopted VQO level for RNAs.

#### **Experimental Forest**

Practices	General Direction	Standards and Guidelines
ROS Roaded Natural (10-B-4)	Provide for low to moderate interaction between Forest visitors with a limited range	Manage to the ROS Class of Roaded Natural. This is the adopted ROS level for the Experimental Forest.
LMP 91	of Roaded Natural recreation experiences. Evidence of other uses is moderate.	
Restricted Motor Vehicle Travel Management	Provide opportunities for motorized recreation compatible with Experimental Forest values.	Manage to Forestwide S&Gs for Restricted Motor Vehicle Travel Management. Use restrictions to protect Experimental Forest values.
(10-G-2)		Conduct surveys, observe conditions and carry out
MVTM		rehabilitation, as needed, to mitigate and minimize damage to Experimental Forest values caused by motorized use.
VQO Retention (17-B-2)	Maintain a range of near natural through	Manage to the adopted VQO level consistent with Experimental
VQO Partial Retention (17-B-3)	within an Experimental Forest. Keep VQOs at	Forest values. Coordinate activities with PSW Forest and Range Experiment Station.
LMP 91	the adopted levels.	

## Scenic Corridor

Practices	General Direction	Standards and Guidelines
ROS - Roaded Natural (RN) (10-B-4) LMP 91	Provide for moderate interaction between visitors with a range of roaded natural recreation experience. Evidence of other use is moderate.	Manage to a ROS Class of Roaded Natural. This is the adopted ROS level for scenic corridors.
Restricted Motor Vehicle Travel Management (10-G-2) MVTM	Provide opportunities for motorized recreation compatible with Scenic Corridor values.	Manage to Forestwide S&Gs for Restricted Motor Vehicle Travel Management. Use restrictions to protect Scenic Corridor values. Conduct surveys, observe conditions and carry out rehabilitation, as needed, to mitigate and minimize damage to Scenic Corridor values caused by motorized use.
VQO - Retention (17-B-2) LMP 91	Maintain the visual character of Foreground Retention areas for the pleasure of the viewing public, where this is the VQO.  Design land and vegetation disturbance projects to meet Retention, in Middleground distance zones where these is the VQO.	Manage to a VQO of Retention.  Base size, shape, and dispersion of harvest units, road construction, and other resource disturbances on meeting Retention, where this is the adopted VQO.
VQO - Partial Retention (17-B-3) LMP 91	Design land and vegetation disturbance projects to meet Partial Retention, in Middleground distance zones where this is the VQO.	Base size, shape and dispersion of harvest units, road construction and other resource disturbances on meeting Partial Retention, where this is the adopted VQO.

## General Forest (GF91)

Practices	General Direction	Standards and Guidelines
ROS Roaded Natural (RN) (10-B-4)	(10-B-4) visitors with a range of Roaded Natural	Manage to an ROS Class of Roaded Natural. This is the adopted ROS level for General Forest (GF91).
LMP 91		
Restricted Motor Vehicle Travel Management (10-G-2) MVTM	Provide opportunities for motorized recreation compatible with General Forest (GF91) values.	Manage to Forestwide S&Gs for Restricted Motor Vehicle Travel Management. Use restrictions to protect General Forest (GF91) values.
VQO - Modification (M) (17-B-4) LMP 91	Management activities may visually dominate the surrounding characteristic landscape, but should borrow the form, line, color and texture of the natural surroundings.	Manage to a VQO of Modification. This is the adopted VQO level for General Forest (GF91).

## **Developed Recreation Sites**

Practices	General Direction	Standards and Guidelines
ROS Roaded Natural (10-B-4) LMP 91	Provide for moderate interaction between forest visitors with a range of roaded natural recreation experiences. Evidence of other use is moderate. Retain site qualities that will not degrade future development opportunities on proposed sites.	Manage to the ROS Class of Roaded Natural. This is the adopted ROS level for developed recreation sites. Allow dispersed recreation on proposed sites in the interim and perform other multiple use activities that are compatible with preserving or improving site quality.
ROS Rural (10-B-5) LMP 91	Provide for moderate to high interaction between forest visitors with a range of rural recreation experiences. Evidence of other use is moderate to high	Manage to ROS Class of Rural. This is an acceptable level for certain developed sites. Administer facilities to accommodate large numbers of people for motorized use and parking.
Restricted Motor Vehicle Travel Management (10-G-2) MVTM	Provide opportunities for motorized recreation compatible with Developed Recreation Site values.	Manage to Forestwide S&Gs for Restricted Motor Vehicle Travel Management. Use restrictions to protect Developed Recreation Site values.  Limit vehicle use to roads and parking areas.  Allow administrative use of OHVs and OSVs in connection with operation of the sites.  Allow non-street legal vehicle use for the purpose of accessing designated routes from staging areas.
VQO Partial Retention (17-B-3) LMP 91	Provide a natural appearing forest setting within the constraints of existing site character and its kind of use.	Manage to a VQO of Partial Retention. This is the adopted VQO for developed recreation sites. Maintain or construct recreation facilities and roads within the site in order to be as obscure as possible when viewed from within or immediately adjacent to the site.  Plant and maintain the optimum amount of vegetation in order to keep a natural appearing setting that functionally and aesthetically satisfies visitors when viewed from within or immediately adjacent to the site.
VQO Modification (17-B-4) LMP 91		This is an acceptable VQO for certain developed sites, but preferably should be upgraded to Partial Retention where physical developments allow, by applying Partial Retention Standards and Guidelines to all areas of the developed site.

## Winter Sports Sites

Practices	General Direction	Standards and Guidelines
ROS Roaded Natural (10-B-4) ROS Rural (10-B-5) LMP 91	Developed winter sports sites are so large and diverse that a range of ROS classes exist. Maintain recreation experience levels at the ROS class of Roaded Natural in outlying portions of the winter sports site.	Maintain lifts and other auxiliary facilities with the least impact on visitor experience. Use existing vehicle routes for permittee maintenance and administration.
Restricted Motor Vehicle Travel Management	Provide opportunities for motorized recreation compatible with Winter Sports Site values.	Manage to Forestwide S&Gs for Restricted Motor Vehicle Travel Management. Use restrictions to protect Winter Sports Site values.
(10-G-2)		Limit vehicle use to roads and parking areas.
MVTM		Allow administrative use of OHVs and OSVs in connection with operation of the sites.
VQO Partial Retention (17-B-3) LMP 91	Provide a natural appearing forest setting within the context of developed winter sports sites.	Through the master plan process, mitigate impacts to insure optimum visual quality after construction of facilities. Model expanded lifts, runs, and other improvements with potential impacts by computer graphic simulations and field checks. Prepare vegetative management plans for these sites. Manage to a VQO of Partial Retention. This is the adopted VQO level for developed winter sports sites.
VQO Modification (17-B-4) LMP 91		This is an acceptable VQO, but preferably should be upgraded to Partial Retention, where physical developments allow, by applying Partial Retention Standards and Guidelines to all areas of the winter sports sites.

## **Land Allocations (SNFPA)**

#### Protected Activity Centers (PACs)

Mitigate impacts where there is documented evidence of disturbance to the nest site from existing recreation, off highway vehicle route, trail, and road uses (including road maintenance). Evaluate proposals for new roads, trails, off highway vehicle routes, and recreational and other developments for their potential to disturb nest sites.

#### Fisher and Marten Den Sites

Mitigate impacts where documented evidence of disturbance to the den site from existing recreation, off highway vehicle route, trail, and road uses (including road maintenance). Evaluate proposals for new roads, trails, off highway vehicle routes, and recreation and other developments for their potential to disturb dens.

#### Riparian Conservation Areas

Evaluate new proposed management activities within CARs and RCAs during environmental analysis to determine consistency with the riparian conservation objectives at the project level and the AMS goals for the landscape. Ensure that appropriate mitigation measures are enacted to (1) minimize the risk of activity-related sediment entering aquatic systems and (2) minimize impacts to habitat for aquatic- or riparian-dependent plant and animal species.

Maintain and restore the hydrologic connectivity of streams, meadows, wetlands, and other special aquatic features by identifying roads and trails that intercept, divert, or disrupt natural surface and subsurface water flow paths. Implement corrective actions where necessary to restore connectivity.

Ensure that culverts or other stream crossings do not create barriers to upstream or downstream passage for aquatic-dependent species. Locate water drafting sites to avoid adverse effects to in stream flows and depletion of pool habitat. Where possible, maintain and restore the timing, variability, and duration of floodplain inundation and water table elevation in meadows, wetlands, and other special aquatic features.

Prior to activities that could adversely affect streams, determine if relevant stream characteristics are within the range of natural variability. If characteristics are outside the range of natural variability, implement mitigation measures and short-term restoration actions needed to prevent further declines or cause an upward trend in conditions. Evaluate required long-term restoration actions and implement them according to their status among other restoration needs.

Prevent disturbance to streambanks and natural lake and pond shorelines caused by resource activities (for example, livestock, off-highway vehicles, and dispersed recreation) from exceeding 20 percent of stream reach or 20 percent of natural lake and pond shorelines. Disturbance includes bank sloughing, chiseling, trampling, and other means of exposing bare soil or cutting plant roots. This standard does not apply to developed recreation sites, sites authorized under Special Use Permits and designated off-highway vehicle routes.

Identify roads, trails, OHV trails and staging areas, developed recreation sites, dispersed campgrounds, special use permits, grazing permits, and day use sites during landscape analysis. Identify conditions that degrade water quality or habitat for aquatic and riparian-dependent species. At the project level, evaluate and consider actions to ensure consistency with standards and guidelines or desired conditions.