

Appendix B

**Squaw Valley | Alpine Meadows
Base-to-Base Gondola EIS/EIR
Resource Protection Measures**

To minimize potential environmental impacts from construction and implementation of the Squaw Valley | Alpine Meadows Base-to-Base Gondola project (project), Resource Protection Measures (RPMs) have been incorporated into all action alternatives. A comprehensive list of all RPMs is provided in the table below. These measures were developed by the Forest Service and Placer County and resource specialists in the pre-analysis and analysis phases to reduce environmental impacts and comply with applicable laws and regulations. They include, but are not limited to, best management practices (BMPs), Forest Service standards and guidelines, Placer County standard permit conditions, and standard operating procedures. RPMs come from federal, state, and local laws, regulations, and policies; forest plans; scientific research; and the experience provided by lead agencies and consulting specialists in designing similar projects. Specific sources for RPMs include (but are not limited to):

- ▲ 1990 *Tahoe National Forest Lands and Resource Management Plan* (U.S. Forest Service 1990), as amended by the 2004 *Sierra Nevada Forest Plan Amendment Final Supplemental Environmental Impact Statement Record of Decision* (U.S. Forest Service 2004);
- ▲ June 2017 *Amendment of the Programmatic Biological Opinion on Nine Forest Programs on Nine National Forests in the Sierra Nevada of California for the Endangered Sierra Nevada Yellow-Legged Frog, Endangered Northern Distinct Population Segment of the Mountain Yellow-legged Frog, and Threatened Yosemite Toad* (USFWS 2017);
- ▲ *Placer County Community Development Resource Agency Sample Conditions* (Placer County 2012); and
- ▲ nonnative invasive plant management RPMs for project-related nonnative invasive plant control taken from *Preventing the Spread of Invasive Plants: Best Management Practices for Land Managers* (Cal-IPC 2012).

The RPMs are considered part of the project by the Forest Service and will be conditions of approval of the Placer County Conditional Use Permit (CUP). The potential effects of implementing the action alternatives (provided in Chapter 4) were analyzed as follows: The effect of the action alternatives was determined, relevant RPMs were applied, and the effectiveness of reducing adverse effects was determined. If additional measures were needed to further reduce effects, they were identified.

As it relates to CEQA, the significance of impacts is determined before RPMs are implemented. The analysis then determined whether the RPMs would reduce significant impacts to a less-than-significant level. If significant impacts would remain, mitigation measures were added, as feasible, to further reduce the significant impact. All RPMs, as well as any supplemental mitigation measures, will be included in the Placer County mitigation monitoring and reporting program (MMRP), and their implementation will be ensured by the CUP's conditions of approval. All RPMs are considered roughly proportional and have an essential nexus to the impacts they reduce.

Responsibility for ensuring that required RPMs are implemented rests with the Forest Service and Placer County; in some cases, it is a joint responsibility, whereas in others, it is agency specific. Responsibility is identified in the table below. Some RPMs also include participation by regulatory agencies, such as the U.S. Fish and Wildlife Service, California Department of Fish and Wildlife, and Placer County Air Pollution Control District. When the enforcement of an RPM is the responsibility of the Forest Service, the ultimate enforcement mechanism will be compliance with the terms and conditions of the Ski Area Term Permit and associated construction and operation plans administered by the Forest Service Mountain Sports Administrator, the District Ranger, and the Forest Supervisor. When the enforcement of an RPM is the responsibility of Placer County, the ultimate enforcement mechanism will be contained in the MMRP and conditions of approval in the CUP.

In the table of RPMs provided below, to the right of the RPM descriptions, the table identifies whether the responsible jurisdiction for the RPM is the Forest Service, Placer County, or both agencies. The role of the responsible jurisdiction is identified through a plain reading and interpretation of the text of the RPM. For example, RPM BIO-28 states, "No pets or firearms will be allowed in the project area." In this case, the Forest Service and the County are both identified as responsible jurisdictions, and their role would be in an

enforcement capacity, responding to any observations by the environmental monitors, the public, or others regarding violation of this RPM. As another example, RPM WQ-16 states, in part, “The USFS hydrologist or qualified specialist must approve locations of skid trails, travel routes and other areas of heavy equipment operations...” In this case, the Forest Service is identified as the responsible jurisdiction, and the Forest Service has a clear review and approval role before an action is taken and would have an enforcement role if a skid trail were created prior to receipt of necessary approval.

To the right of the two “Responsible Jurisdiction” columns in the table of RPMs are two additional columns identifying the applicable lands, or geographic area, where the RPM is applicable. Using the example of RPM WQ-16 identified above, this RPM applies specifically to actions to be taken by the Forest Service, and the RPM is applicable only on Forest Service lands. This RPM does not provide a Forest Service “hydrologist or qualified specialist” with the authority to review and approve the location of skid trails and travel routes on private lands. However, the limitations on pets and firearms in the project area provided in RPM BIO-28 are common and prudent measures to protect native wildlife, and this RPM is applicable to both Forest Service and private lands (i.e., the entirety of the project area).

Although not anticipated, if any circumstances occur where two or more RPMs provide different standards/level of protection for the same resource, the RPM with the most stringent standards/level of protection will apply.

At the end of some of the RPM descriptions, one or more BMPs are indicated by numeric designations (e.g., 2.1, 5.4). These numeric BMP designations correspond to Best Hydrologic Management Practices provided in the Forest Service Region 5 (R5) Forest Service Handbook (FSH) 2509.22 – *Soil and Water Conservation Handbook* (U.S. Forest Service 2011). These BMPs will be implemented with the RPMs. The BMPs are associated with the particular RPMs because the RPM itself satisfies all or part of the applicable elements of the BMP, or the RPM and BMP address similar resources. The Soil and Water Conservation Handbook provides BMPs for a broad range of activities undertaken on R5 forests, such as grazing, timber harvests, and facility development. Only BMPs applicable to the project are identified in the table below. Implementation of the BMPs that are applicable to the project are required to meet R5 policies and to be consistent with the provisions of the 1981 Management Agency Agreement between the State Water Resources Control Board and the Forest Service as the designated Water Quality Management Agency on NFS lands.

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
Review and Approval Process					
REV-1	The applicant will prepare and submit Improvement Plans, specifications, and cost estimates (per the requirements of Section II of the Land Development Manual [LDM] that are in effect at the time of submittal) to the Placer County Engineering and Surveying Division (ESD) for ESD review and approval. The same plans shall be submitted by the applicant to the Forest Service for their review and comment. All Placer County Improvement Plans (and Forest Service Construction and Operation Plans) shall show the entire alignment and project design of the gondola on private and public lands, and all physical improvements as required by the conditions for the project as well as pertinent topographical features both on and off site. All existing and proposed utilities and easements, on site and adjacent to the project, which may be affected by planned construction, shall be shown on the plans. The applicant shall pay plan check and inspection fees and Placer County Fire Department improvement plan review and inspection fees with the 1 st Improvement Plan submittal. It is the applicant's responsibility to obtain all required agency signatures on the plans and to secure department approvals. If the Placer County Design/Site Review process and/or Development Review Committee (DRC) review is required as a condition of approval for the project, said review process shall be completed prior to submittal of Improvement Plans. Record drawings shall be prepared and signed by a California Registered Civil Engineer at the applicant's expense and shall be submitted to the ESD in both hard copy and electronic versions in a format to be approved by the ESD prior to acceptance by the County of site improvements. Any Building Permits associated with this project shall not be issued until, at a minimum, the Improvement Plans are approved by the ESD and confirmation from the Forest Service that the project on Forest Service lands conforms to all relevant Forest Service regulations, standards, Special Use Permit conditions and RPMs listed in this table. All contents of the approved Improvement Plans and Forest Service Construction and Operation Plans, including drawings, specifications, and notes, must be implemented by the applicant.		X		X
REV-2	Prior to Improvement Plan approval, the applicant shall prepare and submit an erosion and sediment control plan or SWPPP, including site-specific construction site BMPs, for County and Forest Service review and approval, as required by the NPDES Phase II MS4 Permit. The County and Forest Service shall review and approve any proposed revisions to the approved erosion and sediment control plan or SWPPP. The plan or SWPPP shall include the rationale used in selecting BMPs including supporting soil loss calculations, if necessary. The plan or SWPPP shall also include a list of applicable permits directly associated with the grading activity, including, but not limited to the State Water Board's Construction General Plan, State Water Board 401 Water Quality Certification, U.S. Army Corps 404 permit, and California Department of Fish and Wildlife 1600 Agreement. The applicant shall submit evidence to the County that all permits directly associated with the grading activity have been obtained prior to Improvement Plan Approval	X	X	X	X
REV-3	Construction and Operation Plans and maps for activities on National Forest System (NFS) lands will be reviewed and approved by the Forest Service prior to the initiation of any part of project construction on NFS lands, including tree removal. The plans shall show the entire alignment and project design of the gondola on both private and public lands. Plan/map review will be used to ensure sensitive areas are adequately represented on the map or on the ground, including stream courses and their respective protection limits, Waterbody Buffer zones (WBBZs), and limits of operations within WBBZ in accordance with the Lahontan Regional Water Quality Control Board (LRWQCB) Board Order R6-T-2014-0030. GPS information is also included in the project record to identify and record locations of sensitive areas. These same maps shall be submitted by the applicant to Placer County for review and comment.	X		X	

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
REV-4	Placer County General Plan Policy C-2, in the Housing Element, requires that new development in the Sierra Nevada provide housing for a minimum of 50 percent of the full-time equivalent (FTE) employees generated by a development project. Because the gondola project would generate ten new FTE positions (two full-time, year-round employment positions and eight full-time, seasonal positions), housing would need to be provided for five employees. The applicant shall meet this obligation by either providing on-site housing, dedication of land for needed units and/or secure units elsewhere. If it can be demonstrated to the County that these mechanisms are infeasible, the applicant may pay an in-lieu fee. Prior to the approval of Improvement Plans the applicant shall provide Placer County verification of compliance with General Plan Policy C-2.		X		X
Multiple Resources					
MUL-1	As project design and construction proceed, there is the potential that new locations may be added to the construction disturbance area (e.g., temporary access roads, temporary staging areas). If this occurs, Squaw Valley Ski Holdings will complete botanical, wildlife, wetland, and cultural resources surveys, and a Non-Native Plant Risk Assessment for any areas not previously surveyed. Survey methods will follow preconstruction survey requirements provided in other RPMs. Survey results will be reported to the Forest Service and Placer County and applicable RPMs, and therefore mitigation measures, will be applied based on the resources present. Coordination with, and authorization from other agencies (e.g., U.S. Fish and Wildlife Service [USFWS], U.S. Army Corps of Engineers [USACE], California Department of Fish and Wildlife [CDFW], Lahontan Regional Water Quality Control Board [LRWQCB]) will be undertaken as applicable. Use of any new location cannot begin until authorization is received from the Forest Service and Placer County and any other applicable regulatory agencies.	X	X	X	X
MUL-2	The Improvement Plan(s) and Construction and Operation Plans submitted to Placer County and the Forest Service for review and approval shall identify the stockpiling and/or vehicle staging areas with locations as far as practical from existing dwellings and protected resources in the area. Work areas shall be clearly marked with fencing, staking, flagging, or another appropriate material. All project personnel and equipment will be confined to delineated work areas. In the event that work must occur outside of the work area, approval from lead and other agencies with jurisdiction over the property will be obtained prior to the commencement of activities. Fencing/flagging of resource exclusion area (e.g., aquatic habitats, invasive weed infestations) are addressed in RPMs specific to these resources.	X	X	X	X
MUL-3	To the maximum extent possible, use existing roads to access the project site and construction area. Temporary access routes and overland travel routes must be approved by the Forest Service and Placer County before use. <i>BMP 2.1</i>	X	X	X	X
MUL-4	For Alternative 2, the Alpine Meadows mid-station may be open to skier entry/exit through April 15 th only, to minimize the potential for adverse effects on Sierra Nevada yellow-legged frog at Barstool Lake. For Alternatives 3 and 4, skier entry/exit at the Alpine Meadows mid-station will correspond directly with overall gondola operation. The only operation during the non-winter/ski season would be for short periods associated with maintenance and testing, including occasionally moving individual cabins, or small numbers of cabins, across the system. These operational conditions will be reflected in the Forest Service special use permit (SUP) and the Placer County Conditional Use Permit (CUP).	X	X	X	X
MUL-5	At least one environmental monitor, as specified by Placer County, Forest Service or other permitting authority requirements, will be on-site during all construction activities. Environmental monitors will be qualified to address the environmental resources being protected (e.g., biological, cultural) per the requirements of each applicable RPM and approved by the Forest Service and Placer County. Unless specified otherwise in other RPMs, monitors will be allowed to cover up to 0.75-mile of the project area at once to allow multiple crews to work in close proximity to each other at the same time. Environmental monitors will have the authority to stop work or direct work in order to help ensure the protection of resources and compliance with all permits.	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
MUL-6	Squaw Valley Ski Holdings will design and, with approval by the Forest Service and Placer County, implement a Worker Environmental Awareness Program (WEAP) that will be provided to all construction personnel and supervisors. Prior to construction, all Squaw Valley Ski Holdings, contractor, and subcontractor project personnel will receive training from qualified resource specialists regarding the appropriate work practices necessary to effectively implement the RPMs and any mitigation measures, and to comply with the applicable environmental laws and regulations. The training will identify appropriate wildlife avoidance measures, impact minimization procedures, the importance of sensitive resources, and the purpose and methods for protecting such resources. The training will also include a discussion of BMPs to reduce the potential for erosion and sedimentation during construction and measures for the safe transport, use, disposal, and cleanup of hazardous materials. For cultural resources, the training will identify, at a minimum: <ul style="list-style-type: none"> ▲ types of heritage and cultural resources that could be encountered in the project area; ▲ types of evidence that indicates heritage or cultural resources might be present (e.g., ceramic shards, trash scatters, lithic scatters); ▲ roles and responsibilities of the construction monitors; ▲ what to do if a worker encounters a possible resource; ▲ what to do if a worker encounters bones or possible bones; and penalties for removing or intentionally disturbing heritage and cultural resources. 	X	X	X	X
MUL-7	Squaw Valley Ski Holdings has committed to completing all ground disturbing activities and construction of the gondola alignment in a single construction season. All site clean-up, soil stabilization, revegetation, winterization, and related activities will be completed by October 15. Although vertical construction may continue if weather and soil conditions permit as determined by the Forest Service, Placer County, and the Lahontan Regional Water Quality Control Board (LRWQCB). Materials and equipment required to complete site clean-up and stabilization/winterization will not be permitted to be removed from the project site until Forest Service and Placer County have inspected the site and determined that the work is adequate.	X	X	X	X
Recreation					
REC-1	A public-liaison will be assigned by Squaw Valley Ski Holdings to provide the public with advance notification of construction activities at least 15 days prior to the start of construction activities. A project website will be developed for the public to ask questions about the construction process and schedule. Concerns related to dust, noise, odor, trail closures, and access restrictions associated with construction activities will be addressed within this program.	X	X	X	X
REC-2	Squaw Valley Ski Holdings will provide the Forest Service, as part of the Construction and Operation Plans, notice of all construction activities potentially affecting recreation areas and trail systems, including temporary trail closures, within the Forest Service trail system. Squaw Valley Ski Holdings will coordinate with Forest Service prior to preparation of the plan to avoid conflicts with known, scheduled, permitted events. Such avoidance will be reflected in the annual construction plan. Notification to Forest Service officials will be provided at least 60 days before construction begins in these areas.	X		X	
REC-3	Signs advising recreationists of construction activities and directing them to alternative trails will be posted at all trail access points or in locations as determined through coordination with the respective jurisdictional agencies. Signage describing the closures will be posted at trail access points one week prior to closures, will remain posted during the entire closure period, and will be removed upon completion of construction.	X		X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
REC-4	Signage will be posted at both the Squaw Valley and Alpine Meadows base terminals and mid-stations stating that walking or hiking trail access directly from the gondola (i.e., by exiting at a mid-station) is strictly prohibited. The applicant will not permit foot traffic to exit at the Squaw Valley mid-station, or the Alpine Meadows mid-station under Alternative 2.	X	X	X	X
Scenic Resources					
SCE-1	Prior to development of above ground structures, facilities, and features, design plans will be reviewed and approved by the Forest Service as part of the Design Review Process. Applicable structures must meet the Built Environment Image Guide (BEIG) guidelines (available at http://www.fs.fed.us/recreation/programs/beig/). It has been determined that the Forest Service BEIG guidelines are more stringent than County design standards, and in an effort to maintain a consistent aesthetic and level of design throughout the project, these standards will provide the basis for design related approvals by both the Forest Service and Placer County Design Site Review (also see RPM SCE-7)	X	X	X	X
SCE-2	Choose structure design, scale, and color of materials, location, and orientation to meet the Forest Service visual quality objective of the Project Area and reduce potential visual contrast. It has been determined that the Forest Service BEIG guidelines are more stringent than County design standards, and as such, these standards will provide the basis for design related approvals by both the Forest Service and Placer County Design Site Review.	X	X	X	X
SCE-3	Stumps must be cut as low as possible to the ground to avoid safety hazards and lessen scenic impacts.	X	X	X	X
SCE-4	All structures, facilities, and above ground features will meet color guidelines. Bright colors are inappropriate for the forest setting. The colors must be muted, subdued colors because they blend well with the natural color scheme. The FSH 617, "National Forest Landscape Management for Ski Areas, Volume 2, Chapter 7," identifies recommended colors for ski areas. It has been determined that the Forest Service guidelines are more stringent than County design standards, and as such, these standards will provide the basis for design related approvals by both the Forest Service and Placer County Design Site Review.	X	X	X	X
SCE-5	All structures, facilities, and above ground features will meet applicable reflectivity guidelines. This includes any reflective surfaces (metal, glass, plastics, or other materials with smooth surfaces), that do not blend with the natural environment. They must be covered, painted, stained, chemically treated, etched, sandblasted, corrugated, or otherwise treated to meet the solar reflectivity standards. The specific requirements for reflectivity are as follows: Structures with exteriors consisting of galvanized metal or other reflective surfaces will be treated or painted dark non-reflective colors that blend with the forest background to meet an average neutral value of 4.5 or less as measured on the Munsell neutral scale.	X	X	X	X
SCE-6	Trees will be retained, where possible, to provide species and size diversity, maintain forest cover, and screen facilities.	X	X	X	X
SCE-7	The project is subject to review by the Placer County Design/Site Review Committee (D/SRC) and approval by the Placer County Development Review Committee (DRC). In addition, the portion of the project in Olympic Valley is subject to review and recommendation by the Squaw Valley Design Review Committee. Such a review shall be conducted prior to the submittal of the Improvement Plans for the project and shall include, but not be limited to: architectural colors, materials, and textures of all structures; signs; exterior lighting; snow storage areas; storage area(s); fences and walls; tree impacts, tree removal, and tree replacement areas. It has been determined that the Forest Service BEIG guidelines are more stringent than County design standards, and as such, these standards will provide the basis for design related approvals. This process will be coordinated with, and be consistent with, the Forest Service Design Review process (also see RPM SCE-1)		X		X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
SCE-8	<p>Prior to Improvement Plan approval, a detailed lighting and photometric plan shall be submitted to the Placer County Development Review Committee (DRC) for review and approval, which include the following:</p> <p>A) The site lighting plan shall demonstrate compliance with the Squaw Valley General Plan and Land Use Ordinance (SVGPLUO), the Alpine Meadows General Plan, and the Placer County Design Guidelines. The night lighting design shall be designed to minimize impacts to adjoining and nearby land uses. No lighting is permitted on top of structures.</p> <p>B) Building lighting shall be shielded and directed downward such that the bulb or ballast is not visible. Lighting fixture design shall complement the building colors and materials and shall be used to light entries, soffits, covered walkways and pedestrian areas such as plazas. Roof and wall pack lighting shall not be used. Lighting intensity shall be of a level that only highlights the adjacent building area and ground area and shall not impose glare on any pedestrian or vehicular traffic.</p> <p>C) Landscape lighting may be used to visually accentuate and highlight ornamental shrubs and trees adjacent to buildings, monument signs, and in open spaces. Lighting intensity shall be of a level that only highlights shrubs and trees and shall not impose glare on any pedestrian or vehicular traffic.</p> <p>It has been determined that the County's guidelines are more stringent than the Forest Service BEIG guidelines for lighting, and as such, the County standards will provide the basis for lighting related approvals. The photometric plan shall be submitted to the Forest Service for review and comment.</p>	X	X	X	X
Public Safety/Hazards					
HAZ-1	Prior to construction, all Squaw Valley Ski Holdings, contractor, and subcontractor project personnel will receive training regarding the work practices necessary to effectively implement the RPMs to comply with the applicable environmental laws and regulations associated with hazardous materials.	X	X	X	X
HAZ-2	Prior to construction, Squaw Valley Ski Holdings will prepare a Fire Suppression and Prevention Plan that will discuss necessary fire equipment to be stored at the project staging areas, appropriate protective wear, preconstruction and construction fire prevention measures, fire-fighting methods, and notification procedures in the event of a fire. This plan will be submitted to the Forest Service, Placer County, North Tahoe Fire Protection District, and the Squaw Valley Fire Department for review and approval prior to the start of construction.	X	X	X	X
HAZ-3	Prior to construction, Squaw Valley Ski Holdings will prepare a Flammable Gasses Safety Plan that address the storage, transport, and disposal of propane, oxygen, and any other flammable gases associated with operation of the proposed Gazex facilities. The plan will address the timing/criteria for the required removal of flammable gases from the Gazex facility prior to the beginning of fire season, and the timing/criteria for when flammable gases may be returned to the facility. The plan will also address response and reporting procedures for events such as potential gas leaks and damage to storage tanks. This plan will be submitted to the Forest Service, Placer County, North Tahoe Fire Protection District, and the Squaw Valley Fire Department for review and approval prior to the start of construction.	X	X	X	X
HAZ-4	During project construction, maintenance, and repairs, smoking will only be allowed in designated cleared areas or enclosed vehicles to reduce the potential for wildfires.	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
HAZ-5	<p>Prior to Improvement Plan approval by Placer County, the applicant shall submit one of the following:</p> <p>A) A business plan and fee payment required fees to Placer County Environmental Health Services (EHS) Hazardous Materials Section, for review and approval. The actual fees paid will be those in effect at the time payment occurs. "Hazardous" materials, as defined in Health and Safety Code Division 20, Chapter 6.95, Articles 1 & 2, shall not be allowed on any premises in regulated quantities without notification to EHS.</p> <p>B) A Placer County Hazardous Materials Project/Business Activities Screening Form to an Environmental Health Services (EHS) Technician, for review and approval. "Hazardous" materials, as defined in California Health and Safety Code Division 20, Chapter 6.95, Articles 1 & 2, shall not be allowed on any premises in regulated quantities without notification to EHS.</p> <p>These documents shall also be provided to the Forest Service for review and comment.</p>		X	X	X
HAZ-6	Include the following standard note on the Placer County Improvement Plans and Forest Service Construction and Operation Plans: If at any time during the course of constructing the proposed project, evidence of soil and/or groundwater contamination with hazardous material is encountered on National Forest System (NFS) lands or private lands, the applicant shall immediately stop the project and contact the Placer County Environmental Health Services (EHS) Hazardous Materials Section. The project shall remain stopped until there is resolution of the contamination problem to the satisfaction of EHS and to the Lahontan Regional Water Quality Control Board (LWQCB), and to the Forest Service if the contamination is on NFS lands.	X	X	X	X
HAZ-7	Any hazardous materials used or collected during the life of the project shall be disposed of in accordance with all applicable hazardous materials laws and regulations.	X	X	X	X
HAZ-8	Include the following standard note on the Placer County Improvement/Grading Plans: On private lands, and during construction, temporary storage and use of hazardous substances shall comply with Placer County Fire and (Environmental Health Services) EHS regulations and requirements, and spill prevention practices shall be used.		X		X
HAZ-9	The project is located within a "State Responsibility Area" and, as such, is subject to fire protection regulations established by the State Board of Forestry. Prior to Placer County Improvement Plan approval, compliance with these regulations shall be evidenced by submittal of a letter from California Department of Forestry (CAL FIRE) or the local fire authority having jurisdiction to the Placer County Engineering and Surveying Division (ESD).		X		X
HAZ-10	The Placer County Improvement Plans shall show that the applicant shall comply with any conditions imposed by the California Department of Forestry (CAL FIRE) or the serving fire districts.		X		X
HAZ-11	The County shall require all new development projects to prepare and implement an emergency preparedness and evacuation plan (EPEP) consistent with Government Code Section 65302(g) (protection from unreasonable risks associated with the effects of seismic, geologic or flooding events or wildland fires, etc.) and in furtherance of the Placer Operational Area Eastside Emergency Access Evacuation Plan.		X	X	X
Utilities					
UTL-1	During the project design process, Squaw Valley Ski Holdings will coordinate with utility providers in the project area to identify the location of underground facilities in the vicinity of the selected alignment and staging areas. The final excavation and grading plans provided to Placer County and the Forest Service will avoid existing utilities where possible; and where it is not possible to avoid utilities, the applicant will coordinate with service providers to minimize disturbance. Prior to the start of construction, the applicant will verify utility locations through field surveys and use of the Underground Service Alert (USA) services. Any buried utility lines will be clearly marked in construction areas.	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
UTL-2	The Placer County Improvement Plans shall be approved by the water supply entities for water service, supply, and maintenance. The water supply entities shall submit to the Placer County Environmental Health Services (EHS) and the Engineering and Surveying Division (ESD) "will-serve" letters or a "letters of availability" from the water district indicating that the agency has the ability and system capacity to provide the project's domestic and fire protection water quantity needs. The applicant shall connect the project to this treated domestic water supply.		X		X
UTL-3	Prior to Placer County Building Permit issuance, the domestic water supplying entity shall be in compliance with the requirements of Placer County Code, Section 16.08.040(e).		X		X
Noise					
NOI-1	Squaw Valley Ski Holdings will designate a Disturbance Coordinator, who will be responsible for responding to any local complaints about construction noise. The Disturbance Coordinator will determine the nature of the noise complaint and will propose reasonable measures to correct the problem.	X	X	X	X
NOI-2	All internal combustion-engine driven equipment will be equipped with intake and exhaust mufflers that are in good condition and appropriate for the equipment.	X	X	X	X
NOI-3	Helicopter flight patterns will be designed to avoid and minimize flights over residential areas and the Granite Chief Wilderness Area to the extent practical.	X	X	X	X
NOI-4	Include the following standard note on the Improvement Plans and Construction and Operation Plans: In the event of blasting, three copies of an approved plan and permit shall be submitted to the County not less than 10 days prior to the scheduled blasting. A blasting permit must be obtained from the Placer County Sheriff's Department for all blasting to be done in Placer County. Additionally, the County must be notified and give approval for all blasting done within County right-of-way. If utility infrastructure is in the vicinity where blasting is to occur, the appropriate utility companies must be notified to determine possible damage prevention measures. If blasting is required, the blasting schedule shall be approved by the County and any other utility companies with facilities in the area prior to the commencement of work. Blasting will only be conducted by State licensed contractors. This measure applies to both National Forest System and private lands.	X	X	X	X
NOI-5	Prior to Placer County Improvement Plan approval, the project owner or authorized managing entity shall insure that all construction vehicles or equipment, fixed or mobile, operated within close proximity of a residential dwelling shall be equipped with properly operating and maintained mufflers at all times during project construction. It is the owner's/applicant's responsibility to obtain the services of a qualified acoustical professional to verify proper equipment mufflers if concerns relating to the issue arise. A note to this effect shall be added to the Placer County Improvement Plans where applicable.		X	X	X
NOI-6	Construction noise emanating from any construction activities, including any blasting and helicopter flights, is prohibited on Sundays and Federal Holidays, and shall only occur: a) Monday through Friday, 6:00 am to 8:00 pm (during daylight savings) b) Monday through Friday, 7:00 am to 8:00 pm (during standard time) c) Saturdays, 8:00 am to 6:00 pm	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
	<p>In addition, temporary signs 4 feet x 4 feet shall be located throughout the project, as determined by the Placer County Development Review Committee (DRC), at key intersections depicting the above construction hour limitations. Said signs shall include a toll free public information phone number where surrounding residents can report violations and the developer/builder will respond and resolve noise violations. This condition shall be included on the Placer County Improvement Plans and shown in the County's development notebook.</p> <p>Quiet activities, which do not involve heavy equipment or machinery, may occur at other times. Work occurring within an enclosed building, such as a house under construction with the roof and siding completed, may occur at other times as well.</p> <p>The Planning Director is authorized to waive the time frames based on special circumstances, such as adverse weather conditions.</p> <p>This same plan shall be submitted to the Forest Service for their review and incorporation into the Construction and Operation Plans.</p>				
Air Quality –^a Indicates that this RPMs also falls under the Placer County Air Pollution Control District's (PCAPCD) jurisdiction and PCAPCD also has enforcement authority.					
AQ-1	<p>The applicant will submit a Construction Emission/Dust Control Plan to the Placer County Air Pollution Control District (PCAPCD) for approval prior to ground disturbance or vegetation removal associated with construction of the proposed project. The Dust Control Plan will summarize the RPMs related to emissions control during construction.</p> <p><i>BMP 2.4, 2.5, 2.13</i></p>	A ^a	X ^a	X	X
AQ-2	<p>Unpaved areas subject to vehicle access will be stabilized using water at least two times daily, or as needed to control fugitive dust. Water will be preferred except on roads where distance limits practical application of water. A locally approved chemical dust palliative, applied according to the manufacturer's recommendations, may be substituted for watering. On NFS lands, palliatives would be used in accordance with T Spec 806. Palliatives cannot be applied within a 25-foot buffer from any flowing water; this includes culverts or bridges that are currently flowing water.</p> <p>Dust stabilization and/or reduction measures will also be required where helicopters land, take-off, or where the helicopter is close enough to the ground (e.g., material delivery) to generate a dust plume.</p> <p><i>BMP 2.4, 2.5, 2.13</i></p>	X	X	X	X
AQ-3	<p>All inactive, disturbed portions of the project's right-of-way (ROW) will be covered, seeded, or watered, as needed to control fugitive dust, until suitable vegetative cover is established, as determined by the Placer County Engineering and Surveying Division (ESD) and the Forest Service.</p> <p><i>BMP 2.4, 2.5, 2.13</i></p>	X	X	X	X
AQ-4	<p>If wind-driven or helicopter generated fugitive dust cannot be sufficiently stabilized using water, chemical dust suppressant, or other means such that the resulting dust plume crosses into a residential/lodging land use, the dust generating activities must cease until dust can be effectively controlled.</p> <p><i>BMP 2.4, 2.5, 2.13</i></p>	X	X	X	X
AQ-5	<p>Exposed stockpiles (e.g., dirt, sand, etc.) will be covered and/or stabilized with water or a locally approved chemical dust stabilizer as needed to control fugitive dust emissions. When loading or unloading stockpiled material, material will be stabilized using water and/or drop heights will be minimized to control fugitive dust.</p> <p><i>BMP 2.4, 2.5, 2.13</i></p>	X	X	X	X
AQ-6	<p>Any visible trackout deposited on paved, public roadways will be cleaned up at the conclusion of each workday or at 24-hour intervals for continuous operation. If trackout extends for a cumulative distance greater than 50 feet, it will be cleaned up within 1 hour. Trackout will be cleaned with a wet sweeper or vacuum device.</p>	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
AQ-7	Trucks transporting bulk materials off-site will be maintained such that no spillage can occur from holes or other openings in the cargo compartments. Loads will be completely covered or the bulk material will be wetted and loaded to maintain 6 inches of freeboard from the top of the container.	X	X	X	X
AQ-8	All off-road diesel engines with a rated output of greater than 100 horsepower will, at a minimum, meet the Tier II California Emissions Standards for Off-Road Compression Ignition Engines. If reasonably available, Tier III engines will be employed.	X ^a	X ^a	X	X
AQ-9	If the project's emissions of criteria pollutants exceed applicable thresholds, resulting in a significant impact, to mitigate the project's contribution to long-term emission of pollutants, the applicant shall implement one of the following: A) Participate in the Placer County Air Pollution Control District (PCAPCD) Offsite Mitigation Program by paying the equivalent amount of money, which is equal to the project's contribution of pollutants (ROG and NOx), which exceeds the cumulative threshold of 55 pounds per day. The actual amount to be paid shall be determined, per current California Air Resource Board guidelines, at the time of issuance of a Building Permit. Verification of participation in the Offside Mitigation Program shall be provided prior to approval of Improvement Plans for the project. or, B) Participate in an offsite mitigation program, coordinated through the PCAPCD, to offset the project's long-term emission of pollutants. Examples include participation in a "Biomass" program, retrofitting mobile sources (i.e. busses, heavy duty diesel equipment), or any other program that is deemed acceptable by the Director of the PCAPCD. Any proposed offsite mitigation shall be located within the same region as the project. This condition shall be satisfied prior to approval of Improvement Plans for the project.	X ^a	X ^a	X	X
AQ-10	A) Prior to Placer County approval of Grading or Improvement Plans, on project sites greater than one acre, the applicant shall submit a Construction Emission / Dust Control Plan to the Placer County Air Pollution Control District (PCAPCD). If PCAPCD does not respond within twenty (20) days of the plan being accepted as complete, the plan shall be considered approved. The applicant shall provide written evidence, provided by PCAPCD, to Placer County that the plan has been submitted to PCAPCD. It is the responsibility of the applicant to deliver the approved plan to Placer County. The applicant shall not break ground prior to receiving PCAPCD approval of the Construction Emission / Dust Control Plan and delivering that approval to Placer County. B) Include the following standard note on the Placer County Grading Plan or Improvement Plans: The prime contractor shall submit to the PCAPCD a comprehensive inventory (i.e. make, model, year, emission rating) of all the heavy-duty off-road equipment (50 horsepower or greater) that will be used in aggregate of 40 or more hours for the construction project. If any new equipment is added after submission of the inventory, the prime contractor shall contact PCAPCD prior to the new equipment being utilized. At least three business days prior to the use of subject heavy-duty off-road equipment, the project representative shall provide PCAPCD with the anticipated construction timeline including start date, name, and phone number of the property owner, project manager, and on-site foreman. C) Prior to approval of Placer County Grading or Improvement Plans, whichever occurs first, the applicant shall provide a written calculation to the PCAPCD, for approval by the District, demonstrating that the heavy-duty (> 50 horsepower) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project wide fleet-average 20 percent NOx reduction and 45 percent particulate reduction as required by the California Air Resources Board (CARB). Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available. The following link shall be used to calculate compliance with this condition and shall be submitted to the PCAPCD as described above: http://www.airquality.org/ceqa/ (click on the current "Roadway Construction Emissions Model").		X ^a	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
AQ-11	<p>A) In order to control dust, operational watering trucks shall be on site during construction hours. In addition, dry, mechanical sweeping is prohibited. Watering of a construction site shall be carried out in compliance with all pertinent Placer County Air Pollution Control District (PCAPCD) rules (or as required by ordinance within each local jurisdiction).</p> <p>B) Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: The prime contractor shall be responsible for keeping adjacent public thoroughfares clean of silt, dirt, mud, and debris, and shall “wet broom” the streets (or use another method to control dust as approved by the individual jurisdiction) if silt, dirt, mud or debris is carried over to adjacent public thoroughfares. <i>(Based on PCAPCD Rule 228 / section 401.5)</i></p> <p>C) Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: The contractor shall apply water or use other method to control dust impacts offsite. Construction vehicles leaving the site shall be cleaned to prevent dust, silt, mud, and dirt from being released or tracked off-site. <i>(Based on PCAPCD Rule 228 / section 401.1, 401.4)</i></p>	X ^a	X ^a	X	X
AQ-12	Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: During construction, traffic speeds on all unpaved surfaces shall be limited to 15 miles per hour or less. <i>(Based on PCAPCD Rule 228 / section 401.5)</i>	X ^a	X ^a	X	X
AQ-13	Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: The prime contractor shall suspend all grading operations when wind speeds (including instantaneous gusts) are excessive and dust is impacting adjacent properties. <i>(Based on PCAPCD Rule 228)</i>	X ^a	X ^a	X	X
AQ-14	Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: In order to minimize wind driven dust during construction, the prime contractor shall apply methods such as surface stabilization, establishment of a vegetative cover, paving, (or use another method to control dust as approved by Placer County and the Forest Service). <i>(Based on PCAPCD Rule 228 / section 402)</i>	X ^a	X ^a	X	X
AQ-15	Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: The contractor shall suspend all grading operations when fugitive dust exceeds Placer County Air Pollution Control District (PCAPCD) Rule 228 (Fugitive Dust) limitations. The prime contractor shall be responsible for having an individual who is California Air Resources Board (CARB)-certified to perform Visible Emissions Evaluations (VEE). This individual shall evaluate compliance with Rule 228 on a weekly basis. It is to be noted that fugitive dust is not to exceed 40% opacity and not go beyond the property boundary at any time. Lime or other drying agents utilized to dry out wet grading areas shall not exceed PCAPCD Rule 228 Fugitive Dust limitations. Operators of vehicles and equipment found to exceed opacity limits will be notified by PCAPCD and the equipment must be repaired within 72 hours. <i>(Based on PCAPCD Rule 228)</i>	X ^a	X ^a	X	X
AQ-16	Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: Construction equipment exhaust emissions shall not exceed Placer County Air Pollution Control District (PCAPCD) Rule 202 Visible Emission limitations. Operators of vehicles and equipment found to exceed opacity limits are to be immediately notified by PCAPCD to cease operations and the equipment must be repaired within 72 hours. <i>(Based on PCAPCD Rule 202)</i>	X ^a	X ^a	X	X
AQ-17	Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: During construction the contractor shall utilize existing power sources (e.g., power poles) or clean fuel (i.e. gasoline, biodiesel, natural gas) generators rather than temporary diesel power generators.	X ^a	X ^a	X	X
AQ-18	Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: During construction, the contractor shall minimize idling time to a maximum of five (5) minutes for all diesel-powered equipment.	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
AQ-19	Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: During construction, no open burning of removed vegetation shall be allowed. All removed vegetative material on private land, other than marketable lumber, shall be either chipped on site (if approved by the land owner) or taken to an appropriate recycling site, or if a site is not available, a licensed disposal site. <i>(Based on PCAPCD Rule 310)</i>	X ^a	X ^a		X
AQ-20	Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: If required by the Placer County Engineering Division and/or the Department of Public Works and Facilities, the contractor shall hold a pre-construction meeting prior to any grading activities. The contractor shall invite the Placer County Air Pollution Control District (PCAPCD), Placer County staff, and Forest Service staff to the pre-construction meeting in order to discuss the construction emission/dust control plan with employees and/or contractors.	X ^a	X ^a	X	X
AQ-21	Include the following standard note on the Placer County Improvement/Grading Plan and Forest Service Construction and Operation Plans: Processes that discharge two (2) pounds per day or more of air contaminants, as defined by Health and Safety Code Section 39013, to the atmosphere may require a permit from the Placer County Air Pollution Control District (PCAPCD). Permits may be required for both construction and operation. Developers/contractors shall contact the PCAPCD prior to construction and obtain any necessary permits prior to the issuance of a Building Permit. <i>(Based on the California Health & Safety Code section 39013: http://www.leginfo.ca.gov/cgi-bin/displaycode?section=hsc&group=39001-40000&file=39010-39060)</i>	X ^a	X ^a	X	X
AQ-22	Include the following standard note on all building plans approved in association with this project: Stationary sources or processes (i.e. certain types of engines, boilers, heaters, etc.) associated with this project shall be required to obtain an Authority to Construct (ATC) permit from the Placer County Air Pollution Control District (PCAPCD) prior to the construction of these sources. In general, the following types of sources shall be required to obtain a permit: 1). Any engine greater than 50 brake horsepower, 2). Any boiler that produces heat in excess of 1,000,000 Btu per hour, or 3) Any equipment or process which discharge 2 pounds per day or more of pollutants. Developers / contactors shall contact the PCAPDC prior to construction for additional information. <i>(Based on PCAPCD Rule 501 and the California Health & Safety Code, Section 39013).</i>	X ^a	X ^a	X	X
AQ-23	For those projects which include stationary emission sources (i.e. gasoline dispensing facility, auto painting, dry cleaning, large HVAC units, etc.), the applicant shall obtain an Authority to Construct (ATC) permit from the PCAPCD prior to the issuance of a Certificate of Occupancy from Placer County. NOTE: A third party detailed Health Risk Assessment may be required as a part of the permitting process.		X ^a	X	X
AQ-24	Include the following standard note on all building plans approved in association with this project: To limit the quantity of volatile organic compounds in architectural coatings supplied, sold, offered for sale, applied, solicited for application, or manufactured for use within the Placer County Air Pollution Control District (PCAPCD), all projects must comply with PCAPCD Rule 218. Please see the District's website for additional information: <i>(Based on PCAPCD Rule 218)</i>	X ^a	X ^a	X	X
AQ-25	Prior to approval of Placer County Grading/Improvement Plans, the applicant shall provide a landscaping plan for review and approval by the Placer County Design/Site Review Committee. As required by the Placer County Air Pollution Control District (PCAPCD), landscaping shall include native drought-resistant species (plants, trees and bushes) in order to reduce the demand for irrigation and gas-powered landscape maintenance equipment. As a part of the project design, the applicant shall include irrigation systems which efficiently utilize water (e.g., prohibit systems that apply water to non-vegetated surfaces and systems which create runoff). In addition, the applicant shall install water-efficient irrigation systems and devices, such as soil moisture-based irrigation controls, rain "shut off" valves, or other devices as reviewed and approved by the Placer County Design/Site Review Committee.		X ^a		X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
AQ-26	<p>If the project exceeds the cumulative air quality thresholds as established by the Placer County Air Pollution Control District (PCAPCD) (a maximum of 55 pounds per day of ROG and/or NO_x), to mitigate the project's contribution to long-term emission of pollutants, the applicant shall either:</p> <p>A. (preferred by PCAPCD): Establish mitigation on-site by incorporating design features within the project. This may include, but not be limited to: "green" building features such solar panels, energy efficient heating and cooling, exceeding Title 24 standards, bike lanes, bus shelters, etc. NOTE: The specific amounts of "credits" received shall be established and coordinated through the PCAPCD.</p> <p>B. Establish mitigation off-site within the same region (i.e. east or west Placer County) by participating in an offsite mitigation program, coordinated through the PCAPCD. Examples include, but are not limited to, participation in a "Biomass" program that provides emissions benefits; retrofitting, repowering, or replacing heavy duty engines from mobile sources (i.e. busses, construction equipment, on road haulers); or other program that the project proponent may propose to reduce emissions.</p> <p>C. Participate in the PCAPCD Offsite Mitigation Program by paying the equivalent amount of money, which is equal to the projects contribution of pollutants (ROG and NO_x), which exceeds the cumulative threshold of 10 pounds per day. The actual amount to be paid shall be determined, and satisfied, per current California Air Resource Board (CARB) guideline.</p> <p>D. Any combination of a, b, or c, as determined feasible by the Director of the PCAPCD.</p> <p>NOTE: All mitigation measures (either a, b, c, or d) must be satisfied prior to approval of Placer County Improvement Plans. It is the applicant's responsibility to forward written proof of satisfaction of this condition to PCAPCD.</p>	X ^a	X ^a	X	X
Biological Resources					
BIO-1	Qualified environmental monitors, approved by the Forest Service and Placer County, will be present with each crew during all vegetation-removal activities to help ensure that impacts to biological resources are minimized to the extent possible.	X	X	X	X
BIO-2	Squaw Valley Ski Holdings will conduct a complete pre-construction floristic survey of construction activity areas (including all construction vehicle travel routes, but not paved public roadways), and lands within 50-feet of construction activity areas. The pre-construction floristic survey will include all rare plants, fungi, and non-native invasive plants, and be conducted during a time that coincides with the greatest number of blooming periods for target species. This survey will be conducted no more than one year prior to the start of construction. Surveys conducted previously in support of the EIS/EIR process may fulfill this requirement if they meet the timeframe limitations. Populations of rare plants or fungi and weed-infested areas within the survey area will be flagged or fenced no more than 30 days prior to the start of construction. Flagging and fencing will be refreshed and maintained throughout construction. Implementation of this measure will occur in coordination with the Forest Service and Placer County.	X	X	X	X
BIO-3	Before construction activities begin, Squaw Valley Ski Holdings will treat invasive plant infestations in the construction activity area, and within 50-feet of the construction activity area. Any new invasive plant infestations discovered during construction will be documented, reported to the land owner, and treated where needed as determined by the Forest Service on National Forest System (NFS) lands and by Placer County on private lands. As the Forest Service invasive plant infestation criteria are more stringent than Placer County's, the same criteria applied by the Forest Service will be applied to private lands. After construction is complete, the applicant will monitor all construction disturbance areas for new noxious weed invasions and expansion of existing weed populations and treat invasive plant infestations where needed as determined by the Forest Service on NFS lands and by Placer County on private lands. Post-construction monitoring for noxious weeds would be conducted annually for three years.	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
	<p>Invasive plant treatments will be selected based on each species ecology and phenology and responses to treatments. For example, for perennial pepperweed (<i>Lepidium latifolium</i>), the only consistently effective treatment is use of herbicides. Whereas some other species may be effectively eradicated through mechanical removal or other means. Examples of potential removal methods include hand pulling, tarping, mowing, thermal treatment, and herbicide application. All treatment methods—including the use of herbicides—will be conducted in accordance with the law, regulations, and policies governing the land owner. On NFS lands and private lands, the Forest Service District Botanist or their designated appointee will be consulted prior to initiation of any invasive plant treatment. Land owners will be notified prior to the use of herbicides for invasive plant treatment. If there are any areas where pre-construction treatment is not feasible, Squaw Valley Ski Holdings will clearly flag or fence non-native invasive plant areas in order to delineate the area as a work exclusion zone. [Nonnative Invasive Plant Management Resource Protection Measures for Project related Non-native Invasive Plant Control taken from “Preventing the Spread of Invasive Plants: Best Management Practices for Land Managers” (Cal-IPC 2012).] If the use of herbicides is selected as the most appropriate control method for invasive plant infestations, the following restrictions will apply:</p> <ul style="list-style-type: none"> ▲ Herbicides will only be applied by licensed applicators. ▲ Prior to herbicide application, the application area will be clearly identified by flagging or other means. The application area will be the minimum necessary to achieve the eradication of the invasive plant infestation as judged by the District Botanist or their designated appointee on NFS lands, and an environmental monitor approved by Placer County on private lands, and in coordination with the licensed applicator. ▲ A Forest Service employee and/or an environmental monitor approved by the Forest Service and Placer County will be present during all herbicide applications to ensure that herbicide remains within the designated application area. ▲ Spraying will not be used as an herbicide application method if wind speeds are sufficient to carry herbicide outside of the designated application area. ▲ Chlorsulfuron and Triclopyr will not be applied within 50 feet of perennial or seasonal waterbodies or wetlands. ▲ Only dipping, wiping, or spot applications of Aminopyralid or the aquatic formulation of Glyphosate will be used within a zone between 10 to 50 feet of perennial or seasonal waterbodies or wetlands, including adjacent to occupied Sierra Nevada yellow-legged frog (SNYLF) habitats (consistent with Sierra Nevada Forest Plan Amendment [SNFPA] Standard and Guideline #98). ▲ Herbicide application will not take place within six hours of predicted rainfall that has a high probability of producing measurable runoff. ▲ Streams or other surface waters shall not be used for washing herbicide application equipment or personnel, unless required in an emergency situation. As required by law, water soap and towels will be available within ¼ mile of applicators and at mixing sites. ▲ Mixing of herbicides for application will take place more than 100 feet from perennial or seasonal waterbodies or wetlands. 				
BIO-4	<p>Equipment will arrive at the project area clean and weed-free. Equipment will be inspected by the on-site environmental monitor for mud or other signs that weed seeds or propagules could be present prior to use in the project area. If the equipment is not clean, the monitor will deny entry to the work areas. BMP 2.8</p>	X	X	X	X
BIO-5	<p>Vehicles and equipment will be cleaned using high-pressure water or air at designated weed-cleaning stations after exiting a weed-infested area, as specified by the Noxious Weed Risk Assessment (NWRA). Cleaning stations will be designated by a botanist or noxious weed specialist and located away from aquatic resources. BMP 2.8</p>	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
BIO-6	Any revegetation, erosion control, dust control, and similar plans prepared for the project that call for the use of mulch will identify that native materials such as conifer needles or locally produced chips from non-infested, nearby areas, would be preferred as mulch material. Manure is not an acceptable mulch material. Plans would be reviewed and approved by the Forest Service and Placer County as identified in applicable RPMs. <i>BMP 5.4</i>	X	X	X	X
BIO-7	Only certified weed-free construction materials, such as sand, gravel, straw, or fill, will be used throughout the project.	X	X	X	X
BIO-8	An available method of treatment for those noxious weeds which typically spread by seed and not roots is to dig, grub or hand pull, remove the top portion of the roots and dispose of the material in a special landfill which buries the bags of material, or dispose, or destroy in another manner acceptable to the Forest Service and Placer County. As an alternative to, or in addition to digging or hand pulling, layers of mulch, degradable geotextiles, or similar materials may be placed over infestation areas to minimize the spread of seeds and plant materials by equipment and vehicles during construction. These materials will be secured so they are not blown or washed away. Noxious weeds which do spread by root rhizomes may be treated by placing black plastic or some other non-breathable barrier, if the infestation is small enough. Problematic rhizomatous noxious weed infestations may require the use of appropriate herbicides.	X	X	X	X
BIO-9	Exclusion zones will be established around any identified special-status plants if they are found. In consultation with a qualified botanist, the Forest Service, and Placer County, Squaw Valley Ski Holdings will first attempt to avoid effects of project implementation on rare plants and protect their occurrences/populations in situ. In the event that a rare plant cannot be avoided by construction activities, CDFW and/or USFWS will be notified, as applicable, depending on the species regulatory status. Coordination with CDFW and/or USFWS will be undertaken, in collaboration with the Forest Service and Placer County, to establish appropriate mitigation measures. If sacrifice seed collection or transplantation are selected as appropriate mitigations, then the following measures would apply: a) Squaw Valley Ski Holdings will collect any mature seeds from the affected plants and store them at an appropriate native plant nursery or comparable facility; b) upon the completion of work, Squaw Valley Ski Holdings will redistribute the seeds within the original location of the population; c) Squaw Valley Ski Holdings will establish performance standards for survivorship and will also monitor and document the success rate of the transplanted individuals for three consecutive growing seasons; d) if performance standards are not met, corrective measures will be implemented and monitoring and adaptive management continued until success criteria are met.	X	X	X	X
BIO-10	Any rare plants identified during floristic surveys (e.g., surveys conducted at new disturbance areas or if project construction begins more than a year after completion of the most recent survey) will be documented and photographed, and a Native Species Field Survey Form will be submitted to the CNDDB. The Forest Service or Placer County will notify CDFW, and/or Forest Service, as applicable depending on the species listing status.	X	X	X	X
BIO-11	Construction or tree removal work within 50-feet of a sensitive plant occurrence will be monitored by a qualified environmental monitor to ensure protective measures are sufficient.	X	X	X	X
BIO-12	Nesting bird surveys will be conducted no more than 30 days prior to construction activities if work is scheduled to occur during the breeding season—March to September. Survey details (e.g., dates, survey area, specific methods) will be coordinated with a Forest Service biologist at least 30-days before surveys are initiated. Surveys will extend a minimum of 100-feet beyond the boundary of the construction area; however, surveys for nesting spotted owls will cover an area within 0.25 mile of the construction area and surveys for nesting goshawk will cover an area within 0.5 mile of the construction area. Exclusionary buffer zones (to be determined based on species-specific needs) will be created surrounding any active nests found during the surveys. Buffers will be established by a qualified biologist prior to the start of construction. If an area is given clearance to proceed with	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
	construction and nesting subsequently occurs, it will be assumed that the individuals are acclimated to the ongoing disturbance of construction and a buffer need not be established. However, if circumstances exist such that a qualified biologist determines that there is a high likelihood that future activities may result in the abandonment or failure of the nest, an appropriate exclusionary buffer will be established by Squaw Valley Ski Holdings in coordination with the CDFW and/or USFWS, as well as the Forest Service and Placer County.				
BIO-13	No falling of trees will occur within 0.25 mile of active California spotted owl nests during the breeding season (March 1 to August 31) or within 0.50 mile of active northern goshawk nests during the breeding season (February 15 to September 15), unless surveys confirm that the birds are not nesting. All helicopter flight paths will be coordinated with a Forest Service biologist to limit disturbance to PACs (Protected Activity Centers). A qualified biologist will have the ability to amend the start and end dates of these breeding seasons with concurrence from appropriate agencies if it can be determined that breeding has not started or that fledglings have left the nest. If the location of a nest site within a PAC is unknown, either surveys are required to locate the nest stand and determine nesting status or, as an alternative to surveys, an activity buffer will be applied to the 0.25-mile area surrounding the PAC. The activity buffer may be waived for vegetation treatments of limited scope and duration, when a biological evaluation determines that such projects are unlikely to result in breeding disturbance considering their intensity, duration, timing, and specific location. Where a biological evaluation concludes that a nest site will be shielded from planned activities by topographic features that will minimize disturbance, the buffer distance may be modified in coordination with the Forest Service.	X	X	X	X
BIO-14	Preconstruction biological surveys will be conducted no more than 30 days prior to construction activities to identify biological resources, including burrows and den sites of sensitive mammal species, which could be impacted by construction activities. All burrows and den sites will be inspected for use by sensitive mammals, and buffers may be established based on occupation. If an area is given clearance to proceed with construction and burrowing or denning activities subsequently occur, it will be assumed that the individuals are acclimated to the ongoing disturbance of construction. If circumstances exist such that future activities may result in the abandonment of the burrow or den site, as determined by a qualified biologist, an appropriate exclusionary buffer will be established by Squaw Valley Ski Holdings, in coordination with CDFW, Forest Service, and, if necessary, the USFWS.	X	X	X	X
BIO-15	If, during tree removal, signs of active denning or large stick nests associated with sensitive avian or mammal species are observed in or near trees that are designated for removal or in down logs, work will cease in the immediate area and the occurrence and location will be reported to the wildlife biologist to determine the need for further review.	X	X	X	X
BIO-16	If a potentially active sensitive mammal burrow or den site is unavoidable, Squaw Valley Ski Holdings will employ den-dusting or scoping to determine the species and reproductive status of the animal. If the burrow or den is determined to be active and does not contain young, Squaw Valley Ski Holdings will excavate the burrow by hand, remove the den, or block the entrance to prevent re-entry until after the completion of work. If the animal is determined to be raising young, Squaw Valley Ski Holdings will establish a 200-foot exclusionary buffer surrounding the burrow or den until it is determined that the young have left the den. After it is determined that young have left the den, Squaw Valley Ski Holdings will commence hand excavation or removal of the den structure. Squaw Valley Ski Holdings will contact CDFW, Forest Service and/or USFWS prior to any den-dusting, scoping, burrow excavation, or den structure removal.	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
BIO-17	There are currently no known occurrences of wolverine or Sierra Nevada red fox in the project area. If there are any detections of a wolverine or Sierra Nevada red fox in the project area, they will be validated by a forest carnivore specialist. If a verified sighting occurs within 5-miles of the project site, conduct an analysis to determine if project construction will have the potential to adversely affect the species. If the analysis determines the potential to adversely affect the species, consider applying limited construction periods from January 1 to June 30 to avoid adverse impacts to potential breeding. Evaluate activities for a 2-year period for detections not associated with a den site.	X	X	X	X
BIO-18	Concurrent with the preconstruction surveys described in other RPMs, surveys will be conducted on both National Forest System (NFS) lands and private lands for amphibians, including eggs, tadpoles, larvae, or juveniles, at aquatic habitat crossed by the project. On NFS lands and in habitat identified as suitable for Sierra Nevada yellow-legged frog (SNYLF), the field survey and reporting will, at a minimum, follow the methodology identified in Section III of the Stream Condition Inventory Technical Guide (Frazier et al. 2005). The results of the field investigation will be used to inform compensation ratios and any other required responses to SNYLF habitat loss associated with the project. If adults or juveniles of amphibians are discovered, a permitted specialist will identify them to species. If the adults/juveniles are identified as a special-status species, and there will be ground disturbance or construction vehicle travel in the occupied site, a biologist with appropriate permits/authorizations to handle the species will relocate the individuals to suitable habitat outside of the construction area. No movement of egg masses shall occur and the environmental monitor shall create a 200-foot no-construction buffer around that water feature. If adult amphibians are discovered in the construction area after the start of work, the environmental monitor will first allow the individuals to leave under their own volition. If the individual has not left the construction area after 4-hours, a biologist with appropriate permits/authorizations to handle the species may relocate the individuals from the project area to similar, suitable habitat. Squaw Valley Ski Holdings will coordinate with the CDFW, USFWS, and/or Forest Service prior to relocating any individuals.	X	X	X	X
BIO-19	To reduce the potential of impacts to Sierra Nevada yellow-legged frog (SNYLF), actions will be consistent with requirements established by the USFWS in the Programmatic Biological Opinion on Nine Forest Programs on Nine National Forests in the Sierra Nevada for the SNYLF. 1. Within Riparian Conservation Areas (RCAs) and other aquatic habitat areas noted by the Forest Service aquatics biologist as SNYLF habitat or breeding areas, there will be no ground disturbing activities without a qualified ecological monitor (approved by the Forest Service and Placer County) present. Potential SNYLF habitat, as identified by the Forest Service aquatics biologist, will be clearly identified on construction drawings and Placer County Improvement Plans prior to the start of construction. 2. If SNYLF is encountered within a project site, stop all activities in the surrounding area that may have the potential to result in the harassment, injury, or death of the individual. The situation shall be assessed by a Forest Service Biologist or Forest Service approved biologist (e.g., qualified environmental monitor) in order to select a course of action that will minimize adverse effects to the individual. 3. Tightly woven fiber netting or similar material, plastic mono-filament netting or similar material shall not be used for erosion control or other purposes. Materials such as coconut fiber rolls or burlap rolls may be used.	X	X	X	X
BIO-20	Bat surveys will be conducted in the construction disturbance area the spring, no more than 30 days prior to the start of construction, in order to identify active bat roosting sites, such as snags, dense trees, and rock crevices. All potential roosting sites in the construction disturbance area will be surveyed by a qualified biologist in order to determine usage. All non-active roosting sites in the construction disturbance area will be trimmed or removed within 30 days of the surveys in order to prevent new roosts from being established. If it is determined that an active roosting site will be directly affected, Squaw Valley Ski Holdings will consult with CDFW, Forest Service, and/or USFWS in order to acquire appropriate authorizations to	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
	remove the roosting sites. All active non-maternity roosting sites will be fitted with passive exclusion devices, such as one-way doors, and all bats will be allowed to leave voluntarily. Once it is confirmed that all bats have left the roost, the roost may be removed if necessary, and crews will be allowed to continue work in the area. If a maternity roosting site is discovered, Squaw Valley Ski Holdings will consult with the CDFW, Forest Service, and/or USFWS in order to establish appropriate exclusionary buffers until all young are determined to be volant by a qualified biologist. Once it is determined that all young are volant, passive exclusion devices will be installed and all bats will be allowed to leave voluntarily. Once it is determined by a qualified biologist that all bats have left the roost, crews will be allowed to work within the buffer zone, and the roost removed if necessary.				
BIO-21	If any Federally or State threatened, endangered, proposed, or candidate species, or Forest Service sensitive species, or CDFW species of special concern previously unknown in the project area is detected or found nesting or present within 0.25 mile of project activities, appropriate avoidance and minimization measures would be implemented based on coordination with the Forest Service aquatic biologist, botanist, and/or wildlife biologist, Placer County, and the regulatory agency(ies) with authority over the species (USFWS and/or CDFW). Avoidance and minimization measures would be sufficient to provide compliance with applicable species protection law(s) (ESA, California ESA, CEQA). Measures can include, but are not limited to, flagging and avoiding species habitat, implementing a species specific LOP, or designating a protected activity center.	X	X	X	X
BIO-22	An environmental monitor will inspect all tower placement locations and areas of active construction on a daily basis for trapped wildlife. Wildlife found in active construction areas will be allowed to passively leave the site. If after 4-hours the wildlife has not left the site, or if for safety or other reasons a more rapid response is necessary, wildlife may be relocated by a qualified biologist with appropriate permits/authorizations to handle the species. The construction foreman will notify the environmental monitor immediately if any wildlife enters or becomes trapped in the work area.	X	X	X	X
BIO-23	To facilitate revegetation in temporarily disturbed areas, topsoil, where present, will be salvaged in areas that will be graded or excavated. Topsoil will be segregated, stockpiled separately from subsoil, and covered. The topsoil will then be replaced to the approximate location of its removal after project construction has been completed to facilitate revegetation of temporarily disturbed areas. Topsoil may also be salvaged from where permanent facilities are planned or where operation and maintenance activities preclude the establishment of vegetation and used to assist in revegetation of adjacent areas.	X	X	X	X
BIO-24	Squaw Valley Ski Holdings will minimize ground disturbance and vegetation and tree removal to only the areas necessary for construction, especially in riparian areas/RCAs.	X		X	
BIO-25	Any work conducted within 100 feet of waters of the United States, waters of the State, and wetlands, and within RCAs designated by the Forest Service, will have an environmental monitor present.	X	X	X	X
BIO-26	The project will be designed to avoid disturbance to, and vehicle travel in, identified aquatic habitats (with the exception of qualifying over snow travel consistent with applicable RPMs). If an aquatic habitat cannot be fully avoided, prior to disturbance of the habitat a qualified biologist will conduct a delineation of waters of the United States according to methods established in the U.S. Army Corps of Engineers (USACE) wetlands delineation manual (Environmental Laboratory 1987) and Western Mountains, Valleys, and Coast Region Supplement (Environmental Laboratory 2010). The delineation will map and quantify the acreage of all aquatic habitats in the area to be disturbed and will be submitted to USACE for verification and also submitted to the Lahontan Regional Water Quality Control Board (LRWQCB) for identification of waters of the State. The delineation may also be submitted to the U.S. Fish and Wildlife Service and California Department of Fish and Wildlife to satisfy requirements of RPM BIO-35. Squaw Valley Ski Holdings, in coordination with USACE and LRWQCB, will determine, based on the verified wetland delineation and the project design plan, the acreage of impacts on Waters of the United States and Waters of the State that would result from project implementation. Impacts will be minimized to the extent practicable.	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
	Where feasible, work in wetlands or wet meadow habitats with saturated soil conditions will be scheduled when soils are dry (as defined in applicable RPMs). Disturbed wetland areas will be restored to preconstruction conditions and seeded with a native annual species to stabilize the soils and minimize the introduction of noxious weeds, as specified by the USACE and Lahontan RWQCB. In accordance with the USACE "no net loss" policy, all permanent wetland impacts will be mitigated at a minimum of a 1:1 ratio. This mitigation will come in the form of either contribution to a USACE-approved wetland mitigation bank or through the development and implementation of a Compensatory Mitigation and Monitoring Plan aimed at creating or restoring wetlands in the surrounding area. <i>BMP 2.1, 2.8</i>				
BIO-27	All trash and food will be removed from the work site at the end of each workday in order to deter wildlife from entering the site. Any outdoor trash receptacles will be bear proof containers.	X	X	X	X
BIO-28	No pets or firearms will be allowed in the project area.	X	X	X	X
BIO-29	No harm, harassment, or collection of plant and wildlife species will be allowed. Feeding of wildlife will be prohibited.	X	X	X	X
BIO-30	As part of the Improvement Plan and Construction and Operation Plan submittals, Squaw Valley Ski Holdings will develop a Restoration Plan that will address pre-disturbance condition documentation, final clean-up, stabilization, and revegetation procedures for areas disturbed by the project. Squaw Valley Ski Holdings may develop a single plan for both the Forest Service and Placer County addressing restoration on National Forest System (NFS) lands and private lands, or separate plans for each agency. Both agencies have review and approval authority for restoration planning and implementation in their respective jurisdictions. On Forest Service lands, Squaw Valley Ski Holdings will coordinate with the Tahoe National Forest to determine an appropriate seed mix or tree-planting plan. On private land, Squaw Valley Ski Holdings will develop a seed mix based on consultation with Placer County, the Lahontan Regional Water Quality Control Board (RWQCB), and the landowner. The plan will include approved seed mixes and soil amendments, application rates, and application methods. If broadcast seeding is determined to be the most feasible application method, seeding rates will be doubled and the seeding method rationale will be explained. The plan will also include long-term erosion and sediment control measures, slope stabilization, and monitoring procedures. <i>BMP 5.4</i>	X	X	X	X
BIO-31	Reclaim disturbed areas promptly to prevent resource damage and invasion of noxious weeds. Restoration of disturbed sites will be overseen by a qualified biologist and will likely consist of a combination of the following: <ul style="list-style-type: none"> ▲ Pre-disturbance documentation of site conditions to guide restoration success criteria. ▲ Loosen soil compacted by construction activities, and/or loosen existing compaction, to promote restoration success. The need for, and depth of soil loosening would be determined by a Forest Service soil scientist or hydrologist on National Forest System (NFS) lands, and by a qualified restoration ecologist or soil scientist on private lands. ▲ Apply appropriate erosion control BMPs (e.g., installation of straw bale check dams, mulch, log stabilization) in areas where evidence of sheet, rill, or gully erosion exists. ▲ Seed with a certified weed-free seed mix, approved by the applicable agencies and land owners, containing native and site-appropriate species. ▲ Apply 1 to 2 inches of locally obtained mulch such as pine needles, wood chips, or tub grindings. 	X		X	

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
	<p>▲ Monitor for new noxious weed invasions and expansion of existing weed populations following treatments and implement weed control measures where needed. Post-treatment monitoring for noxious weeds would be conducted annually for up to three years, similar to the frequency and duration specified for USFS land in the USFS Noxious Weed Risk Assessment prepared for the project.</p> <p>▲ Conduct post-treatment monitoring and reporting annually for the first three years, then every two years for up to 10 years, to evaluate success of restoration treatments. The details of the monitoring and reporting program, including identification and implementation of potential adaptive management actions based on monitoring results, will be developed jointly by Squaw Valley Ski Holdings and the land owner/manager.</p> <p>These items, as well as details of a monitoring and reporting program, including identification and implementation of potential adaptive management actions based on monitoring results, will be developed jointly by Squaw Valley Ski Holdings and the land owner/manager and Placer County. These measures will be reflected in the Restoration Plan(s) to be reviewed and approved by the Forest Service and Placer County.</p> <p><i>BMP 5.4</i></p>				
BIO-32	<p>Prior to Placer County Improvement Plan approval, a Revegetation Plan, prepared by a licensed landscape architect or similar professional, shall be submitted and approved by the Development Review Committee (DRC). This Revegetation Plan may consist of the Restoration Plan identified in other RPMs, if the Restoration Plan contains all the Revegetation Plan components required by Placer County.</p> <p>Prior to Improvement Plan submittal, a conceptual Revegetation Plan shall be submitted to the Placer County DRC. The revegetation shall be installed to the satisfaction of the County prior to the County's acceptance of the subdivision's improvements. All landscaping shall consist of native plant species with a water-conserving drip irrigation system to be installed by the developer. The applicant shall be responsible for the maintenance of said revegetation and irrigation.</p> <p>All areas that are disturbed shall be re-established with hydro seeding, broadcast seeding, and/or planting. A vegetation monitoring program report, prepared by a licensed landscaping architect, shall be submitted annually to the Planning Services Division for a 3-year period (note there is a longer 5-year monitoring period for replacement of native trees under RPM BIO-38 and wetland and riparian vegetation under RPM BIO-39). Said report shall define areas that have been disturbed/replanted with a description of the seeding and/or planting materials, and status of re-established vegetation, including survival rate. Any corrective actions required are the responsibility of the applicant.</p> <p>A letter of credit or cash deposit in the amount of 125 percent of the accepted proposal shall be deposited with the Placer County Planning Services Division to assure performance of the monitoring program. Evidence of this deposit shall be provided to the satisfaction of the DRC. Violation of any components of the approved Mitigation Monitoring and Reporting Program (MMRP) may result in enforcement activity per Placer County Environmental Review Ordinance Article 18.28.080 of the Placer County Code. An agreement between the applicant and the County shall be prepared which meets DRC approval that allows the County use of the deposit to assure performance of the MMRP in the event the applicant fails to perform.</p>		X		X
BIO-33	<p>Prior to Placer County Improvement Plan and Construction and Operation Plan approval, the applicant shall furnish to the Placer County Development Review Committee (DRC) and the Forest Service, evidence that California Department of Fish and Wildlife (CDFW), U.S. Army Corps of Engineers (USACE), and U.S. Fish and Wildlife Service (USFWS) have been notified by certified letter regarding the existence of any wetlands, streams, and/or vernal pools on the project site. Prior to Improvement Plan approval, if permits are required, they shall be obtained and copies submitted to DRC and the Forest Service. Any clearing, grading, or excavation work shall not occur until the Improvement Plans have been approved.</p>	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
BIO-34	<p>The Placer County Improvement Plans shall include a note and show placement of Temporary Construction Fencing. The applicant shall install a four (4) foot tall, brightly colored (usually yellow or orange), synthetic mesh material fence (or an equivalent approved by the Placer County Development Review Committee (DRC)) at the following locations prior to any construction equipment being moved on-site or any construction activities taking place:</p> <ol style="list-style-type: none"> 1. Adjacent to any and all wetland preservation easements that are within 50 feet of any proposed construction activity; 2. At the limits of construction, outside the critical root zone of all trees six (6) inches dbh (diameter at breast height), or 10 inches dbh aggregate for multi-trunk trees, within 50 feet of any grading, road improvements, underground utilities, or other development activity, or as otherwise shown on the Improvement Plans; 3. Around any and all “special protection” areas as discussed in the project’s environmental review documents. 4. Around all Open Space Lots within 50 feet of any development activity. <p>No development of the site, including grading, shall be allowed until this condition is satisfied. Any encroachment within these areas, including critical root zones of trees to be saved, must first be approved by the DRC. Temporary fencing shall not be altered during construction without written approval of the DRC. No grading, clearing, storage of equipment or machinery, etc., may occur until a representative of the DRC has inspected and approved all temporary construction fencing. This includes both on-site and off-site improvements. Efforts should be made to save trees where feasible. This may include the use of retaining walls, planter islands, pavers, or other techniques commonly associated with tree preservation.</p>		X		X
BIO-35	<p>Prior to Placer County Improvement Plan approval, the wetlands report/delineation shall be field verified by the U.S. Army Corps of Engineers (USACE), the U. S. Fish and Wildlife Service (USFWS), the Lahontan Regional Water Quality Control Board (LRWQCB) and the California Department of Fish & Wildlife (CDFW) as deemed necessary by these agencies. If significant discrepancies arise between the report and the field investigation of these agencies that cannot be resolved, the DRC may schedule a hearing before the Planning Commission to consider revocation or modification of the project’s permit approvals if deemed necessary.</p>		X		X
BIO-36	<p>Prior to Placer County Improvement Plan approval or issuance of a Building Permit, where off-site mitigation has been determined to be acceptable for compensation of wetland/riparian impacts, and the area impacted is in excess of 1,000 square feet, the applicant or agent shall provide mitigation using one of the mechanisms below:</p> <ol style="list-style-type: none"> A) Provide written evidence of payment that compensatory habitat has been established through the purchase of mitigation credits at a County-qualified wetland mitigation bank. Evidence of payment shall describe the amount and type of habitat purchased at the bank site. The amount of money required to purchase credits shall be equal to the amount necessary to replace wetland or riparian habitat acreage. Evidence of payment shall describe the amount and type of habitat purchased at the bank site and resource values including compensation for temporal loss. Evidence of payment, which describes the amount and type of habitat purchased at the bank site, must be provided to the County prior to issuance of Improvement Plan. B) Construct wetland and/or riparian habitat in an off-site location acceptable to Placer County and any State or Federal resource agency with jurisdiction over the habitat. A wetland/riparian mitigation plan shall be reviewed and approved by Placer County and any affected State or Federal resource agency prior to initiation of construction of any compensatory habitat. C) Provide a combination of mitigation bank credit purchase and off-site construction as outlined above. 		X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
BIO-37	<p>The Placer County Improvement Plans shall include a note that includes the wording of this RPM and show placement of all protective fencing for those trees, and large snags identified for protection within the raptor report described below. Prior to any grading or tree removal activities, a focused survey for raptor nests shall be conducted by a qualified biologist during the raptor nesting season (March 1 - September 1). A report summarizing the survey shall be provided to Placer County and the California Department of Fish & Wildlife (CDFW) within 30 days of the completed survey. If an active raptor nest is identified, appropriate mitigation measures shall be developed and implemented in consultation with CDFW. If construction is proposed to take place between March 1st and September 1st, no construction activity or tree removal shall occur within 500 feet of an active nest (or greater distance, as determined by the CDFW). Construction activities may only resume after a follow up survey has been conducted and a report prepared by a qualified raptor biologist indicating that the nest (or nests) are no longer active, and that no new nests have been identified. A follow-up survey shall be conducted 2 months following the initial survey, if the initial survey occurs between March 1st and July 1st. Additional follow up surveys may be required by the Placer County Development Review Committee (DRC), based on the recommendations in the raptor study and/or as recommended by the CDFW. Temporary construction fencing and signage as described herein shall be installed at a minimum 500-foot radius around trees containing active nests. If all project construction occurs between September 1st and March 1st no raptor surveys will be required. Trees previously approved for removal by Placer County, which contain stick nests, may only be removed between September 1st and March 1st.</p>		X		X
BIO-38	<p>Prior to Placer County Improvement Plan submittal, a Mitigation Monitoring and Reporting Program (MMRP) for the replacement of native trees, prepared by an International Society of Arboriculture (ISA) certified arborist, Registered Forester, or Landscape Architect, shall be submitted to the Placer County Planning Services Division, for review and approval by the Placer County Development Review Committee (DRC). Said plan shall provide for a minimum of native trees based on replacement on an inch for inch basis to be planted by the project developer within Common Area Lots and any other areas determined appropriate by the DRC. The Plan shall include a site plan that indicates the trees' location, installation and irrigation requirements and other standards to ensure the successful planting and continued growth of these trees.</p> <ul style="list-style-type: none"> ▲ Installation of all trees and irrigation systems must be completed prior to the County's acceptance of the improvements. ▲ An annual monitoring report for a minimum period of five (5) years from the date of installation, prepared by the above-cited professional, shall be submitted to the DRC for review and approval. Any corrective action shall be the responsibility of the applicant. ▲ Prior to the Improvement Plan approval, a Letter of Credit, Certificate of Deposit, or cash deposit in the amount of 100 percent of the accepted proposal shall be deposited with the Placer County Planning Services Division to assure on-going performance of the monitoring program. Evidence of this deposit shall be provided to the satisfaction of the DRC prior to the approval of Improvement Plans. For the purposes of administrative and program review by Placer County, an additional 25 percent of the estimated cost of the Monitoring Program shall be paid to the County, in cash, at the time that the 100 percent deposit is made. With the exception of the 25 percent administrative fee, 100 percent of the estimated costs of implementing the monitoring program shall be returned to the applicant once the applicant has demonstrated that all five (5) years of monitoring have been completed to the satisfaction of the DRC. Refunds will only be available at the end of the entire review period. ▲ It is the applicant's responsibility to ensure compliance with the MMRP. Violation of any components of the approved MMRP may result in enforcement activities per Placer County Environmental Review Ordinance, Article 18.28.080 (formerly Section 31.870). If a monitoring report is not submitted for any one year, or combination of years, as outlined in these conditions, the County has the option of utilizing these funds and hiring a consultant to implement the MMRP. Failure to submit annual monitoring reports could also result in forfeiture of a portion of, or all of, the deposit. An agreement between the applicant and County shall be prepared which meets DRC approval that allows the County use of this deposit to assure performance of the MMRP in the event the applicant reneges. <p>This RPM addresses issues similar to RPM TREE-11 and Placer County will coordinate the implementation of these two RPMs.</p>		X		X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
BIO-39	<p>Prior to Placer County Improvement Plan approval, a Mitigation Monitoring and Reporting Program (MMRP) for the replacement of wetlands/riparian vegetation which resembles the density and species composition of the existing wetland area shall be prepared by a qualified wetlands biologist. Said MMRP shall be submitted to the Planning Services Division and shall comply with Article 18.28 of the Placer County Environmental Review Ordinance. Where stormwater detention/retention is proposed in conjunction with wetlands replacement or enhancement, the monitoring program shall consider sediment removal and restoration within disturbed areas. Project construction and project monitoring shall comply with the criteria defined in the EIR, MMRP, and the requirements of the California Department of Fish and Wildlife (CDFW).</p> <ul style="list-style-type: none"> ▲ An annual monitoring report for a minimum period of five (5) years from the date of installation, prepared by the above-cited professional, shall be submitted to the Placer County Development Review Committee (DRC) for review and approval. Any corrective action shall be the responsibility of the applicant. ▲ Prior to the Improvement Plan approval, a Letter of Credit, Certificate of Deposit, or cash deposit in the amount of 100 percent of the accepted proposal shall be deposited with the Placer County Planning Services Division to assure on-going performance of the monitoring program. Evidence of this deposit shall be provided to the satisfaction of the DRC prior to the approval of Improvement Plans. For the purposes of administrative and program review by Placer County, an additional 25 percent of the estimated cost of the Monitoring Program shall be paid to the County, in cash, at the time that the 100 percent deposit is made. With the exception of the 25 percent administrative fee, 100 percent of the estimated costs of implementing the monitoring program shall be returned to the applicant once the applicant has demonstrated that all five (5) years of monitoring have been completed to the satisfaction of the DRC. Refunds will only be available at the end of the entire review period. ▲ It is the applicant's responsibility to ensure compliance with the MMRP. Violation of any components of the approved MMRP may result in enforcement activities per Placer County Environmental Review Ordinance, Section 18.28.080. If a monitoring report is not submitted for any one year, or combination of years, as outlined in these conditions, the County has the option of utilizing these funds and hiring a consultant to implement the MMRP. Failure to submit annual monitoring reports could also result in forfeiture of a portion of, or all of, the deposit. An agreement between the applicant and County shall be prepared which meets DRC approval that allows the County use of this deposit to assure performance of the MMRP in the event the applicant fails to perform. 		X		X
BIO-40	<p>Prior to Placer County Building Permit issuance, for projects which permanently alter or destroy riparian habitat or wetland habitat, where the impacted area is less than 1,000 square feet in area, the project proponent shall provide mitigation in the form of cash or other security, acceptable to the Placer County Development Review Committee (DRC). These funds shall be used for the purchase, enhancement, restoration, or re-creation of wetland/riparian habitat and resource values which will be modified, damaged, and/or destroyed by this project. The monies shall be held in a trust fund until such time that habitat credits are purchased at a County-qualified mitigation bank. The funds will be used solely for the above-described purpose. The amount of payment shall be that which was determined during the environmental review process as a fair share mitigation, based upon acres of wetland and/or riparian habitat lost on-site. The amount of money required to purchase credits shall be equal to the amount necessary to replace wetland or riparian habitat acreage and resource values, including compensation for temporal loss. The amount to be paid shall be the fee in effect at the time the Use Permit is exercised.</p>		X		X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
Soil and Erosion					
SOILS-1	<p>Temporary sediment control structures, such as silt fencing, straw mulch, waddles, straw bale check dams, and sediment traps will be installed, as appropriate, to contain sediment within construction work areas and staging areas. Where soils and slopes exhibit high erosion potential, additional sediment control structures, such as erosion control blankets, matting, and other fabrics may be installed.</p> <p>Erosion-control matting on steep fill slopes (i.e., land with a slope angle of 35% or greater) will be utilized to protect soils and enhance conditions for vegetation re-establishment. However, tightly woven fiber netting or similar material, plastic mono-filament netting or similar material, shall not be used for erosion control or other purposes. Materials such as coconut fiber rolls or burlap rolls are acceptable.</p> <p>Implementation and maintenance of these erosion control measures, and any others identified in the Stormwater Pollution Prevention Plan (SWPPP), would be monitored by a qualified environmental monitor.</p> <p><i>BMP 2.8, 2.9, 2.10, 2.13, 5.1, 5.2, 5.3, 5.4, 5.6</i></p>	X	X	X	X
SOILS-2	<p>Design, implementation, and monitoring roles and responsibilities will be clearly defined and included in the construction management plan, submitted to the Forest Service and Placer County Engineering and Surveying Division (ESD) by April 1 of the intended construction season.</p> <p><i>BMP 2.8, 2.9, 2.10, 2.13, 5.1, 5.2, 5.3, 5.4, 5.6</i></p>	X	X	X	X
SOILS-3	<p>Properly design, install, and maintain all BMPs for erosion and sediment control. Remove non-natural and non-biodegradable materials before leaving the site following construction.</p> <p>All BMPs on Forest Service lands are required to meet the Forest Service Region 5 regional policy and to be consistent with the provisions of the 1981 Management Agency Agreement between the State Water Resource Control Board and the Forest Service as the designated Water Quality Management Agency on National Forest System Lands. Site-specific BMPs and management requirements and careful implementation and monitoring of BMPs, consistent with the requirements of these RPMs, are primary means of minimizing erosion and water quality impacts in this project area.</p> <p><i>BMP 2.8, 2.9, 2.10, 2.13, 5.1, 5.2, 5.3, 5.4, 5.6</i></p>	X	X	X	X
SOILS-4	<p>Temporary erosion and sediment control BMPs intended to be retained for more than a year to ensure soil stabilization will be inspected and maintained at least once annually until stabilization success criteria have been achieved. Results of annual inspections and maintenance, including identification of any repairs or improvements that were completed, will be reported to the Forest Service and Placer County within 60-days of completion.</p> <p><i>BMP 2.8, 2.9, 2.10, 2.13, 5.1, 5.2, 5.3, 5.4, 5.6</i></p>	X	X	X	X
SOILS-5	<p>Soil-disturbing activities will be avoided during periods of heavy rain or excessively wet soils consistent with criteria developed by the Lahontan Regional Water Quality Control Board (LRWQCB)</p> <p>(https://www.waterboards.ca.gov/lahontan/water_issues/programs/waste_discharge_requirements/timber_harvest/docs/timber_waiver/atta_def14.pdf)</p> <p><i>BMP 2.8, 2.9, 2.10, 2.13, 5.1, 5.2, 5.3, 5.4, 5.6</i></p>	X	X	X	X
SOILS-6	<p>Temporarily place construction spoils in upland areas in locations that will not migrate to wetland areas, provide protection measures from weed establishment, cover to prevent spoil displacement during precipitation events, and provide erosion control measures to prevent transport of loose materials. No long-term storage of spoil will be retained onsite.</p> <p><i>BMP 2.8, 2.9, 2.10, 2.13, 5.5</i></p>	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
SOILS-7	Do not locate roads, trails, or other disturbed areas on slopes that show signs of instability, such as slope failure, mass movement, or slumps. <i>BMP 2.1, 2.2, 2.3, 2.4, 2.8, 2.9, 2.10, 2.13</i>	X	X	X	X
SOILS-8	The Placer County Improvement Plan(s) and Forest Service Construction and Operation Plans shall identify the stockpiling and/or vehicle staging areas with locations as far as practical from existing dwellings and protected resources in the area. <i>BMP 2.10</i>	X	X	X	X
SOILS-9	The Placer County Improvement Plans shall show all proposed grading, drainage improvements, vegetation and tree removal and all work shall conform to provisions of the County Grading Ordinance (Ref. Article 15.48, Placer County Code) and Stormwater Quality Ordinance (Ref. Article 8.28, Placer County Code) that are in effect at the time of submittal. No grading, clearing, or tree disturbance shall occur until the Improvement Plans are approved and all temporary construction fencing has been installed and inspected by a member of the Placer County Development Review Committee (DRC). All cut/fill slopes shall be at a maximum of 2:1 (horizontal: vertical) unless a soils report supports a steeper slope and the Placer County Engineering and Surveying Division (ESD) concurs with said recommendation. The applicant shall revegetate all disturbed areas. Revegetation, undertaken from April 1 to October 1, shall include regular watering to ensure adequate growth. A winterization plan shall be provided with project Improvement Plans. It is the applicant's responsibility to ensure proper installation and maintenance of erosion control/winterization before, during, and after project construction. Soil stockpiling or borrow areas, shall have proper erosion control measures applied for the duration of the construction as specified in the Improvement Plans. Provide for erosion control where roadside drainage is off of the pavement, to the satisfaction of the ESD. The applicant shall submit to the ESD a letter of credit or cash deposit in the amount of 110 percent of an approved engineer's estimate for winterization and permanent erosion control work prior to Improvement Plan approval to guarantee protection against erosion and improper grading practices. One year after the County's acceptance of improvements as complete if there are no erosion or runoff issues to be corrected, unused portions of said deposit shall be refunded to the project applicant or authorized agent. If, at any time during construction, a field review by County personnel indicates a significant deviation from the proposed grading shown on the Improvement Plans, specifically with regard to slope heights, slope ratios, erosion control, winterization, tree disturbance, and/or pad elevations and configurations, the plans shall be reviewed by the DRC/ESD for a determination of substantial conformance to the project approvals prior to any further work proceeding. Failure of the DRC/ESD to make a determination of substantial conformance may serve as grounds for the revocation/modification of the project approval by the appropriate hearing body.		X		X
SOILS-10	Except in locations where work/disturbance has been authorized in wetlands or similar mesic habitats (e.g., see RPM BIO-26), soils will be dry to an appropriate depth for the equipment to be used consistent with the requirements of the Lahontan Regional Water Quality Control Board (LRWQCB). Equipment with a higher ground pressure would require dryer soil than equipment that exerts a lower ground pressure. Overland movement of equipment may require dryer soils than movement on identified access roads. On National Forest System (NFS) lands, soil suitability will be determined by a Forest Service soil scientist or hydrologist. On private lands soil suitability will be determined by a qualified environmental monitor. <i>BMP 2.1, 2.13</i>	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
SOILS-11	<p>To protect against accelerated erosion and hydrophobicity and to maintain long-term soil productivity, the following guidelines should be applied during the planning and implementation of tree removal and project construction on NFS lands:</p> <ul style="list-style-type: none"> ▲ Maintain downed wood retention adequate to contribute to organic matter while attaining desired conditions. ▲ All down logs greater than 15 inches diameter and 10 feet long will be retained. Crushing of logs with equipment will be avoided. Target down log levels would be approximately 5 of the largest logs available per acre. ▲ Downed logs in contact with soils within waterbody buffer zones (WBBZs) (as defined by the Lahontan Regional Water Quality Control Board Conditional Waiver of Waste Discharge Requirements for Timber Harvest and Vegetation Management Activities) or downed large woody debris in the 100-year floodplain will not be removed. ▲ On soils with low to moderate erosion hazard ratings (0-25% slope), maintain 45% ground cover. ▲ On soils with high erosion hazard ratings (25-50 % slope), maintain 55% ground cover. ▲ On soils with very high hazard ratings (greater than 50% slopes), maintain 70% ground cover. ▲ All areas disturbed from project implementation will be stabilized before the winter period or at conclusion of operations whichever is sooner. <p><i>BMP 2.13, 5.1, 5.2, 5.3, 5.4</i></p>	X		X	
SOILS-12	<p>Within Riparian Conservation Areas (RCAs) on National Forest System (NFS) lands, mulching will occur over bare ground created by project activities within the RCA, with particular attention paid near the hydrologic feature. Upland areas of the RCA will meet the following General Ground Cover requirements:</p> <ul style="list-style-type: none"> ▲ On soils with low to moderate erosion hazard ratings (0-25% slope), maintain 70% ground cover. ▲ On soils with very high erosion hazard ratings (greater than 25% slope), maintain 75% ground cover. ▲ In near stream zones for perennial streams and intermittent streams or seasonally wet areas with riparian and meadow features, approximately 75% ground cover will be required. Large patches of bare ground will be mulched. Within Waterbody Buffer Zones (WBBZs) (as defined by the Lahontan Regional Water Quality Control Board Conditional Waiver of Waste Discharge Requirements for Timber Harvest and Vegetation Management Activities), ground cover should meet an average of 2 inches in depth and a maximum of 4 inches with 85% ground cover. ▲ Mulch will be required on endline drag channels that exceed 4 inches depth on greater than 5% slopes in RCAs and 10% slopes on adjacent uplands where endlining is required. <p><i>BMP 2.13</i></p>	X		X	
SOILS-13	<p>Improvement Plan submittals shall include a final geotechnical engineering report produced by a California Registered Civil Engineer or Geotechnical Engineer for Engineering and Surveying Division (ESD) review and approval. The report shall address and make recommendations on the following:</p> <ul style="list-style-type: none"> A) Road, pavement, and parking area design B) Structural foundations, including retaining wall design (if applicable) C) Grading practices D) Erosion/winterization E) Special problems discovered on-site, (i.e., groundwater, expansive/unstable soils, etc.) F) Slope stability 		X		X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
	Once approved by the ESD, two copies of the final report shall be provided to the ESD and one copy to the Building Services Division for its use. It is the responsibility of the developer to provide for engineering inspection and certification that earthwork has been performed in conformity with recommendations contained in the report.				
Hydrology and Water Quality					
WQ-1	<p>Prior to initiating ground disturbing activities (including tree removal) or staging construction equipment, the project applicant will have a Spill Prevention Control and Countermeasure (SPPC) Plan approved by the Forest Service, complete a Stormwater Pollution Prevention Plan (SWPPP), and receive appropriate authorization from the Lahontan Regional Water Quality Control Board (LRWQCB). The SPPC and SWPPP will be implemented during project construction. The SPPC and/or SWPPP will address the following items related to the storage and use of fuels and other toxic materials:</p> <ol style="list-style-type: none"> Fuels and other toxic materials will be stored outside of Riparian Conservation Areas (RCAs), critical aquatic refuges, and aquatic habitats. Identify appropriate sites for regular equipment refueling and servicing. These sites will also be identified in the Placer County Improvement Plans. The sites must be outside of Riparian Conservation Areas, critical aquatic refuges, and aquatic habitats. Allow temporary refueling and servicing (e.g., a piece of equipment needs refueling or repair in the field, outside of the designated regular equipment refueling and servicing sites) only at locations either pre-designated for this purpose in the SPCC and/or SWPP, or that are approved by an environmental monitor. Temporary equipment refueling and services sites must be outside of RCAs, critical aquatic refuges, and aquatic habitats. Emergency spill kits adequate to contain spills that could result from onsite equipment or from stored toxic materials will be available at all sites used for equipment refueling, servicing, or storage of toxic materials. Secondary containment will be installed at each of these sites to control accidental spills. Provide training for all personnel handling fuels and chemicals in their proper use, handling, storage, and disposal; methods and practices to avoid spills; and the proper use of spill kits and methods for incident reporting in the event of a spill. As a condition of the LRWQCB Timber Waivers all equipment used must be monitored for leaks. Spills must be immediately contained and spilled materials and/or contaminated soils must be properly disposed. Environmental monitors will regularly inspect refueling and servicing areas, and toxic material storage areas, to help ensure that proper measures are being implemented in accordance with the project's SPCC, SWPPP, RPMs, and mitigation measures. <p><i>BMP 2.11, 2.13, 7.4, 7.5</i></p>	X	X	X	X
WQ-2	<p>All concrete washouts will be conducted either into excavations where the concrete was poured, within designated concrete washout areas, or will be captured using a washout-recycling system. Crews will not be allowed to dispose of concrete or concrete washout material directly onto the ground.</p> <p><i>BMP 7.5</i></p>	X	X	X	X
WQ-3	<p>Where feasible, all stormwater or groundwater within excavations will be discharged overland into well-vegetated areas to promote the settling of sediment.</p> <p><i>BMP 2.13, 5.1, 5.2, 5.3</i></p>	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
WQ-4	No vehicle and equipment usage within stream channels and other aquatic resources will take place. Squaw Valley Ski Holdings will utilize alternative access routes, helicopters, and other means to access either side of the aquatic resource to avoid vehicles or equipment needing to enter or pass through the stream channel or aquatic resource. This does not apply to the movement of over snow-vehicles when at least 3-feet of snow is over the aquatic habitat. <i>BMP 2.1, 2.2, 2.3, 2.4, 2.8, 2.9, 2.10, 2.13, 7.3, 7.5</i>	X	X	X	X
WQ-5	Squaw Valley Ski Holdings will obtain permits from appropriate regulatory agencies prior to commencing work in Waters of the United States or Waters of the State, and in stream and riparian habitats, and implement all applicable permit conditions. Following construction, Squaw Valley Ski Holdings will restore any adversely affected riparian habitats, water bodies, and wetlands to pre-project conditions and compensate for any permanent wetland impacts in accordance with the US Army Corps of Engineers' (USACE's) "no net loss" policy. <i>BMP 2.8, 2.9, 2.10, 2.13, 7.3, 7.5</i>	X	X	X	X
WQ-6	For ground-disturbing activities near aquatic habitats, ensure that roads, road ditches, and other disturbed areas drain, to the maximum extent possible, to undisturbed soils rather than directly to aquatic habitats. Direct drainage from disturbed areas as necessary using natural topography, rolling dips, waterbars, etc. This may not apply, based on approval from the Forest Service and/or Placer County, to locations where ground disturbance is temporary and as part of restoration to pre-project conditions drainage flows would be restored to aquatic habitats. <i>2.1, 2.2, 2.3, 2.8, 2.9, 2.10, 2.13, 5.1, 5.3, 5.4</i>	X	X	X	X
WQ-7	All construction and operation water use will be sourced from existing domestic sources (i.e., existing plumbing systems, wells, fire hydrants). No water will be drawn directly from surface water sources. <i>BMP 2.7</i>	X	X	X	X
WQ-8	Slash and debris will not be placed in wetlands. <i>BMP 2.8, 2.9, 2.10, 2.13, 5.5</i>	X	X	X	X
WQ-9	The Placer County Improvement Plan submittal shall include a drainage report in conformance with the requirements of Section 5 of the Land Development Manual and the Placer County Storm Water Management Manual that are in effect at the time of submittal, to the Engineering and Surveying Division (ESD) for review and approval. The report shall be prepared by a Registered Civil Engineer and shall, at a minimum, include: A written text addressing existing conditions, the effects of the improvements, all appropriate calculations, a watershed map, increases in downstream flows, proposed on- and off-site improvements and drainage easements to accommodate flows from this project. The report shall identify water quality protection features and methods to be used both during construction, as well as long-term post-construction water quality measures. The final Drainage Report shall be prepared in conformance with the requirements of Section 5 of the Land Development Manual and the Placer County Storm Water Management Manual that are in effect at the time of improvement plan submittal. The drainage report shall also be submitted to the Forest Service for review and comment. Portions of the drainage report addressing activities or facilities on National Forest System (NFS) lands will be prepared in coordination with the Forest Service and the Forest Service will have approval authority for these portions of the report. The portion of the report addressing NFS lands will, at a minimum, be in conformance with the performance requirements of Section 5 of the Land Development Manual and the Placer County Storm Water Management Manual; however, the Forest Service may require more stringent standards.	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
WQ-10	<p>The Placer County Improvement Plan submittal and Drainage Report shall provide details showing that storm water run-off shall be reduced to pre-project conditions through the installation of retention/detention facilities. Retention/detention facilities shall be designed in accordance with the requirements of the Placer County Storm Water Management Manual that are in effect at the time of submittal, and to the satisfaction of the Engineering and Surveying Division (ESD) and shall be shown on the Improvement Plans. The Forest Service Construction and Operation Plans shall include the same details regarding storm water -run off and retention/detention facilities. Storm water run-off management techniques and any potential retention/detention facilities on National Forest System (NFS) lands will be planned for and developed in coordination with the Forest Service and the Forest Service will have approval authority for these items. On NFS lands, storm water run-off shall be reduced to pre-project conditions, and if retention/detention facilities are needed, they shall, at a minimum, be designed in accordance with the requirements of the Placer County Storm Water Management Manual that are in effect at the time of submittal; however, the Forest Service may require more stringent standards.</p> <p>The ESD, on private lands, and the Forest Service, on NFS lands, may, after review of the project drainage report, delete requirements for retention/detention facilities, if it is determined that drainage conditions do not warrant installation of this type of facility. Maintenance of retention/detention facilities by the applicant shall be required. No retention/detention facility construction shall be permitted within any identified wetlands area, floodplain, or right-of-way, except as authorized by project approvals.</p>	X	X	X	X
WQ-11	<p>Prior to Placer County Improvement Plan approval, the applicant shall obtain a State Regional Water Quality Control Board National Pollutant Discharge Elimination System (NPDES) construction stormwater quality permit and shall provide to the Placer County Engineering and Surveying Division (ESD) evidence of a state-issued Waste Discharge Identification (WDID) number or filing of a Notice of Intent and fees.</p>	X	X	X	X
WQ-12	<p>The Placer County Improvement Plans shall show that water quality treatment facilities/Best Management Practices (BMPs) on private lands shall be designed according to the guidance of the California Stormwater Quality Association Stormwater Best Management Practice Handbooks for Construction, for New Development / Redevelopment, and for Industrial and Commercial (or other similar source as approved by the Placer County Engineering and Surveying Division (ESD).</p> <p>Storm drainage from on- and off-site impervious surfaces (including roads) shall be collected and routed through specially designed catch basins, vegetated swales, infiltration basins, water quality basins, filters, etc. for entrapment of sediment, debris and oils/greases or other identified pollutants, as approved by the ESD. BMPs shall be designed in accordance with the East Placer County Storm Water Quality Design Manual for sizing of Permanent Post-Construction Best Management Practices for Stormwater Quality Protection. No water quality facility construction shall be permitted within any identified wetlands area, floodplain, or right-of-way, except as authorized by project approvals.</p> <p>All BMPs shall be maintained as required to insure effectiveness. The applicant shall provide for the establishment of vegetation, where specified, by means of proper irrigation. Proof of on-going maintenance, such as contractual evidence, shall be provided to ESD upon request. Maintenance of these facilities shall be provided by the project owners/permittees and certification of completed maintenance reported annually to the County DPWF Stormwater Coordinator, unless, and until, a County Service Area is created and said facilities are accepted by the County for maintenance. Prior to Improvement Plan easements shall be created and offered for dedication to the County for maintenance and access to these facilities in anticipation of possible County maintenance.</p>		X		X
WQ-13	<p>The Placer County Improvement Plans shall show that materials with the potential to contaminate stormwater that are to be stored outdoors shall be placed in an enclosure such as, but not limited to, a cabinet, shed, or similar structure that prevents contact with runoff or spillage to the stormwater conveyance system, or protected by secondary containment structures such as berms, dikes, or curbs. The storage area shall be paved to contain leaks and spills and shall have a roof or awning to minimize collection of stormwater within the secondary containment area.</p>		X		X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
WQ-14	The Placer County Improvement Plans shall show that vehicle/equipment wash areas, if needed, shall be designed to be self-contained and/or covered and equipped with a clarifier or other pretreatment facility. Direct connection of a vehicle/equipment wash area to the storm drain system is prohibited. The applicant/permittees shall properly connect to a sanitary sewer via an external grease or sand/oil interceptor and contact the Department of Facility Services or other applicable sewer agency to obtain an Industrial Waste Discharge Permit, if required. If so, said permit shall be provided to the Placer County Engineering and Surveying Division (ESD) prior to Improvement Plan approval. If connection to sanitary sewer is not available, the method of discharge shall be subject to review and approval by Placer County.		X		X
WQ-15	On both public and private lands, equipment will not cross seasonal streams except at designated crossings as reviewed and approved on the Improvement Plans and Construction and Operation Plans. Within Riparian Conservation Areas (RCAs) (i.e. on public lands) all bare ground resulting from equipment operations will be mulched to standards. Within Waterbody Buffer Zones (WBBZs) (as defined by the Lahontan Regional Water Quality Control Board Conditional Waiver of Waste Discharge Requirements for Timber Harvest and Vegetation Management Activities) all bare ground resulting from equipment operations will be mulched to 85%. <i>BMP 2.1, 2.2, 2.3, 2.8, 2.9, 2.10, 2.13, 7.3, 7.5</i>	X	X	X	X
WQ-16	The USFS hydrologist or qualified specialist must approve locations of skid trails, travel routes and other areas of heavy equipment operations within RCAs on NFS lands. Construction and tree removal equipment will be excluded from meadows according to boundaries identified in the field with Forest Service and/or Placer County staff and consistent with applicable RPMs. The exclusion area will be flagged on the ground. <i>BMP 2.1, 2.13</i>	X	X	X	X
WQ-17	Roads used for project construction on NFS lands will be brought back to the pre-existing standards following implementation. This work includes: grading, clearing, ditch and culvert cleaning and repair of water conveyance features. The repair work must repair and restore the road to accommodate the planned traffic and be consistent with the existing traffic service level, water quality objectives, and Road Management Objectives. If any temporary crossings of ephemeral drainages are needed, they will be designed to pass flow using drainage dips, waterbars or culverts when needed (if flowing). Removal of temporary roads on ephemeral drainages will include re-establishing drainage passage, mulching, and pulling outside berms to restore overland flows. If any temporary crossings are needed, they will be removed no later than October 15th of the season of installation. <i>BMP 2.1, 2.2, 2.3, 2.7, 2.8, 2.9, 2.10, 2.13, 5.1, 5.2, 5.3, 5.4, 5.5</i>	X		X	
WQ-18	Construction activities on all roads, including hauling of removed trees, will be restricted to the dry season when roads are stable. No winter construction activities will be permitted, although some operations may continue past October 15 to November 30 if conditions permit as determined by the Forest Service, Placer County, and the Lahontan Regional Water Quality Control Board (LRWQCB). <i>BMP 2.1, 2.2, 2.3, 2.8, 2.9, 2.10, 2.13</i>	X	X	X	X
WQ-19	All necessary post ground disturbance erosion control measures will be implemented as soon as possible after ground disturbance at any particular project feature (e.g., tower, mid-station, base station, Gazex exploder, Gazex storage shelter, staging area, temporary access way) ceases. <i>BMP 2.8, 2.9, 2.10, 2.13, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6</i>	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
WQ-20	<p>Temporary road design and location, including skid trails for tree removal will follow the following principles:</p> <ul style="list-style-type: none"> ▲ Temporary roads/skid trails will follow previously-used road beds where available and appropriately located. ▲ Use rolling dips and an out-sloped road template. ▲ Limit the amount of temporary road construction associated with tree removal by maximizing the skidding distance (i.e., for tree removal, favor the use of skid trails versus the construction of temporary roads). ▲ Minimize the length and width of the roads/skid trails. Avoid unstable areas where there is potential for mass soil erosion. ▲ If a temporary road requires crossing flowing water, incorporate a method of passing water under the running surface to minimize sediment transport if the road is used while water is flowing. Any stream crossings will not create barriers to aquatic species. ▲ Initiate decommissioning all temporary roads/skid trails immediately after use is complete. Complete decommissioning before the end of the construction season. Temporary roads/skid trails on NFS lands will be decommissioned according to Renewable Resources Planning Act (16 USC 1608): appropriately draining the road to establish a hydrologically neutral state, pulling berms (particularly including the mineral soil) and re-establishing the natural contour in necessary areas. Particular attention will be paid to roads/skid trails within RCAs or when crossing drainages. ▲ Where needed, mulch will be applied to control erosion. Subsoil temporary roads where determined to be necessary after review by a soils scientist or hydrologist. ▲ Decommissioned temporary roads/skid trails in RCAs will be mulched to control erosion, but mulch will not be placed in the 100-year flood plain. ▲ Block or otherwise prevent long-term access over temporary roads/skid trails, where needed to deter unauthorized use, place logs and logging slash over the first 200 feet. <p><i>BMP 2.1, 2.2, 2.3, 2.8, 2.9, 2.10, 2.13</i></p>	X	X	X	X
WQ-21	<p>Per the State of California NPDES Phase II MS4 Permit, this project is a Regulated Project that creates and/or replaces 5,000 square feet or more of impervious surface. A final Storm Water Quality Plan (SWQP) shall be submitted, either within the final Drainage Report or as a separate document that identifies how this project will meet the Phase II MS4 permit obligations. Site design measures, source control measures, and Low Impact Development (LID) standards, as necessary, shall be incorporated into the design and shown on the Improvement Plans. In addition, per the Phase II MS4 permit, projects creating and/or replacing one acre or more of impervious surface (excepting projects that do not increase impervious surface area over the pre-project condition) are also required to demonstrate hydromodification management of stormwater such that post-project runoff is maintained to equal or below pre-project flow rates for the 2 year, 24-hour storm event, generally by way of infiltration, rooftop and impervious area disconnection, bioretention, and other LID measures that result in post-project flows that mimic pre-project conditions.</p>	X	X	X	X
Tree Removal					
TREE-1	<p>Skidding of trees will not be permitted in waters of the United States or waters of the State, including wetlands. Within these waters tree removal may be conducted by hand, use of cable systems, helicopter yarding, or use of ground based equipment so the aquatic habitat can be fully protected from disturbance and sedimentation.</p> <p><i>BMP 2.13</i></p>	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
TREE-2	Keep skid trail grades as gentle as possible, avoid straight up and down the slope skidding over distances greater than 200 feet. Unless otherwise agreed to in writing, skid trail patterns shall be agreed to by the Forest Service and Placer County in advance of felling and main skid trails shall be flagged on the ground in advance of felling. Skid trails on slopes over 30%, and the erosion control procedure for these trails, must be approved by the Forest Service and Placer County in advance of felling. Needed main skid trails will be constructed in advance of skidding. Main skid trails will be spaced no less than 75 feet apart, except when converging. Additional skid trails may be agreed upon when soil conditions permit. Tree removal operations will be confined to designated main skid trails until soil conditions are dry (as defined in previous RPMs). Existing skid trails will be used whenever possible except when they do not satisfy other RPMs. <i>BMP 2.13</i>	X	X	X	X
TREE-3	After completion of project construction, all skid trails over 30% slope will have natural slash mulching to control soil erosion. Skid trails will have waterbars spaced according to Forest Service standards based on soil erodibility and slope. Implement mulching of skid trails using slash, certified weed free rice, straw or wood chips, whichever is available, on soils with very high erodibility, and where the residual % ground cover does not meet Forest Service standards. This requirement may be modified after an on-site inspection by the soil scientist or hydrologist. If slash is used for mulch, the Forest Service fuels officer will be involved prior to and during implementation. <i>BMP 2.13</i>	X	X	X	X
TREE-4	When decommissioning landings and skid trails, decompact the soil with a mechanism that lifts the soil rather than turning the soil over on landings and the first 100 feet from the landing's primary skid trails. Subsoiling other skid trails in highly compacted areas will be evaluated on a site by site basis by Forest Service and Placer County staff. The need for the tilling of skid trails would be reviewed by a soil scientist or hydrologist and would be restricted to areas on slopes less than 25%, where residual trees would not be excessively damaged (root tearing leaving areas open to disease) and on those trails that do not contain excessive rocks unless otherwise agreed with the hydrologist/soil scientist. <i>BMP 2.13</i>	X	X	X	X
TREE-5	Where vehicle access is not permitted, any trees identified for removal may be endlined out of this location as long as resource damage can be avoided. <i>BMP 2.13</i>	X	X	X	X
TREE-6	Utilize existing locations suitable for landings wherever possible. Locate all new landings off of main public travel corridors outside of any aquatic habitats and designated buffer zones. Landing locations shall be carefully planned to minimize the number needed, and will consider site-specific factors such as topography, watershed and other resource protection concerns, and operational needs. Where using existing sites that need to be increased in size to function as landings, the landing site will be extended in size away from drainages. Landings on NFS lands not located in an existing disturbed area must be approved by the Forrest Service hydrologist or qualified specialist prior to use. <i>BMP 2.13</i>	X	X	X	X
TREE-7	No new landings will be located within aquatic habitats, Waterbody Buffer Zones (WBBZs) (as defined by the Lahontan Regional Water Quality Control Board Conditional Waiver of Waste Discharge Requirements for Timber Harvest and Vegetation Management Activities), or the 100-year floodplain of drainageways. <i>BMP 2.13</i>	X	X	X	X
TREE-8	Avoid the felling of large snags where possible (15 inches dbh or greater), and where they do not provide a public safety hazard, to maintain their value to wildlife. On National Forest System Lands, trees greater than 10" dbh will be removed by whole tree yarding, that is, the whole tree will be removed, including branches/slash. It is preferred that trees between 3" and 10" dbh also be removed by whole tree yarding, but this is not mandatory. Where slash remains after tree removal, it will be cut into 6' lengths and scattered to a depth of less than 18".	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
TREE-9	Restrict hauling of removed trees on Forest Service and public roads on weekends and holidays, and during special events that generate high levels of traffic on local roadways or State Route 89.	X	X	X	X
TREE-10	Prior to Placer County Improvement Plan approval, a Tree Permit shall be required for all trees six inches diameter at breast height (dbh) (County Tree Ordinance) or greater, or multi-trunked trees 10 inches dbh or greater, that are located within 50 feet of any development activity, including grading, clearing, or other site disturbance.		X		X
TREE-11	<p>Prior to Placer County Improvement Plan approval, trees identified for removal, and/or trees with disturbance to its critical root zone, shall be mitigated through replacement with comparable species on-site, in an area to be reviewed and approved by the Placer County Development Review Committee (DRC) or through payment of in-lieu fees, as follows: (The County shall choose one or more of A, B, or C below)</p> <p>A) For each diameter inch of a tree removed, replacement shall be on an inch-for-inch basis. For example, if 100 diameter inches are proposed to be removed, the replacement trees would equal 100 diameter inches (aggregate).</p> <p>If replacement tree planting is proposed, the tree replacement/mitigation plan must be shown on Improvements Plans and must be installed by the applicant and inspected and approved by the Placer County Development Review Committee (DRC). At its discretion, the DRC may establish an alternate deadline for installation of mitigation replacement trees if weather or other circumstances prevent the completion of this requirement.</p> <p>B) A revegetation plan, as recommended by an International Society of Arboriculture (ISA)-certified arborist or similarly qualified professional, to provide an appropriate level of mitigation to offset the loss of trees, and as approved by the DRC, shall be shown on the Improvements Plan.</p> <p>If replacement tree planting is proposed, the tree replacement/mitigation plan shall be shown on Improvements Plans and shall be installed by the applicant and inspected and approved by the DRC. At its discretion, the DRC may establish an alternate deadline for installation of mitigation replacement trees if weather or other circumstances prevent the completion of this requirement.</p> <p>C) In lieu of the tree planting mitigation for tree removal listed above, a tree replacement mitigation fee of \$100 per diameter inch at breast height for each tree removed or impacted or the current market value, as established by an Arborist, Forester, or Registered Landscape Architect, of the replacement trees, including the cost of installation, shall be paid to the Placer County Tree Preservation Fund.</p> <p>The unauthorized disturbance to the critical root zone of a tree to be saved shall be cause for the Planning Commission to consider revocation of this permit/ approval.</p> <p>This RPM addresses issues similar to RPM BIO-38 and Placer County will coordinate the implementation of these two RPMs.</p>		X		X
TREE-12	All trees above 10" dbh to be removed from National Forest System (NFS) lands must be marked and approved by the Forest Service prior to removal. The applicant will conduct initial marking to identify trees for removal and the marking will be verified by Forest Service personnel. Trees/logs removed from NFS lands will be segregated from trees/logs removed from private lands. Trees/logs removed from NFS lands will be transported, processed, and processed materials sold consistent with applicable laws and regulations.	X		X	
Cultural Resources					
CUL-1	Prior to construction, Squaw Valley Ski Holdings will prepare for Forest Service and Placer County approval an Unanticipated Discovery Plan that will present, in detail, procedures to be implemented during construction (e.g. work stoppage guidelines). At a minimum, if a potential heritage or cultural resources is discovered, construction will be halted within 50-feet of the site until a qualified archeologist can evaluate the find. The Placer County Planning Services Division and Department of Museums must also be contacted for review of the archaeological find(s). If the archeologist can	X	X	X	X

RPM Number	RPM Description	Responsible Jurisdiction		Applicable Lands	
		Forest Services	Placer County	Forest Service Lands	Private Lands
	determine at the time that the find would not be eligible for the National Register of Historic Places (NRHP) or California Register of Historic Resources (CRHR) and does not contain human remains, construction may proceed after the find is properly documented and/or collected. Otherwise, applicable elements of other RPMs will be implemented. The Unanticipated Discovery Plan will also discuss procedures for immediate work stoppage and treatment in the event of discovery of human remains during construction activities.				
CUL-2	<p>If human remains are discovered, all work within 50 feet of the discovery site will halt immediately. Squaw Valley Ski Holdings will notify the County Coroner, as stipulated in Section 7050.5 of the Health and Safety Code (HSC). The Coroner will determine whether the remains are Native American and, if so, will contact the NAHC by telephone within 24 hours. The commission will follow the stipulations in Section 5097.98 of the Public Resources Code (PRC), including notification of those persons it believes to be most likely descended from the deceased Native American. If the commission is unable to identify a descendant, the descendant is unable to make a recommendation, or the landowner rejects the recommendation, the Native American Heritage Commission (NAHC) will mediate any dispute between the parties. Where such mediation fails to provide measures acceptable to the landowner, the landowner shall reinter the human remains and associated funerary items with appropriate dignity on the property, in a location not subject to further subsurface disturbance.</p> <p>If human remains are discovered on federally managed lands, the provisions of the Native American Graves Protection and Repatriation Act (NAGPRA) will apply. For NAGPRA-associated discoveries, it may be necessary to provide 24-hour, onsite security. Work may only proceed after authorization is granted by the County coroner, the Placer County Planning Services Division, and the Forest Service if the find is on National Forest System (NFS) lands.</p>	X	X	X	X
CUL-3	<p>The Worker Environmental Awareness Program (WEAP) prepared for other resources will also address the identification and appropriate treatment of potential fossil finds. If fossils or other paleontological resources are encountered during construction, all work will be halted within a 30-foot radius of the find and a qualified paleontologist will be contacted to examine the find and evaluate its significance. If the find is deemed to have scientific value, the paleontologist and Squaw Valley Ski Holdings will formulate a plan to either avoid impacts or to continue construction without disturbing the integrity of the find (e.g., by carefully excavating the material containing the resources under the direction of the paleontologist followed by routine conservation, laboratory preparation, and curation).</p> <p>Any excavated finds shall be offered to a State-designated repository such as Museum of Paleontology, U.C. Berkeley, the California Academy of Sciences, or any other State-designated repository. Otherwise, the finds shall be offered to the Placer County Department of Museums for purposes of public education and interpretive displays. These actions, as well as final mitigation and disposition of the resources shall be subject to approval by the Department of Museums. If there are any fossil finds, the paleontologist shall submit a follow-up report to the Department of Museums and Planning Services Division which shall include the period of inspection, an analysis of the fossils found, and present repository of fossils.</p>	X	X	X	X
CUL-4	<p>The Placer County Improvement Plans shall include a note stating that if any archaeological artifacts, exotic rock (non-native), or unusual amounts of shell or bone are uncovered during any on-site construction activities, all work must stop immediately in the area and a qualified archaeologist retained to evaluate the deposit. The Placer County Planning Services Division and Department of Museums must also be contacted for review of the archaeological find(s).</p> <p>Following a review of any new find and consultation with appropriate experts, if necessary, the authority to proceed may be accompanied by the addition of development requirements that provide protection of the site and/or additional mitigation measures necessary to address the unique or sensitive nature of the site.</p>		X		X

Sources: Cal-IPC 2012, Frazier et al. 2005

References

- California Invasive Plant Inventory. 2012. *Preventing the Spread of Invasive Plants: Best Management Practices for Land Managers*. Second edition. Cal-IPC Publication 2012-02. California Invasive Plant Council, Berkeley, CA.
- Cal-IPC. See California Invasive Plant Inventory.
- Environmental Laboratory. 1987 (January). *Corps of Engineers Wetlands Delineation Manual*. Wetlands Research Program Technical Report Y-87-1 (on-line edition). U.S. Army Corps of Engineers, Waterways Experiment Station. Available: <http://www.cpe.rutgers.edu/Wetlands/1987-Army-Corps-Wetlands-Delineation-Manual.pdf>.
- . 2010 (May). *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region*. Version 2.0. ERDC/EL TR-10-3. U.S. Army Corps of Engineers, Engineer Research and Development Center, Vicksburg, MS.
- Frazier J. W., K. B. Roby, J. A. Boberg, K. Kenfield, J. B. Reiner, D. L. Azuma, J. L. Furnish, B. P. Staab, and S. L. Grant. 2005 (July). *Stream Condition Inventory Technical Guide*. U.S. Forest Service, Pacific Southwest Region, Vallejo, CA.
- Placer County. 2012. *Placer County Community Development Resource Agency Sample Conditions*. Number 1. Auburn, CA.
- U.S. Fish and Wildlife Service. 2017 (June 15). *Amendment of the Programmatic Biological Opinion on Nine Forest Programs on Nine National Forests in the Sierra Nevada of California for the Endangered Sierra Nevada Yellow-Legged Frog, Endangered Northern Distinct Population Segment of the Mountain Yellow-Legged Frog, and Threatened Yosemite Toad*. Sacramento, CA.
- U.S. Forest Service. 1990. *Tahoe National Forest Land and Resource Management Plan*. Pacific Southwest Region.
- . 2004. *Sierra Nevada Forest Plan Amendment Final Supplemental Environmental Impact Statement and Record of Decision*.
- . 2011 (December 5). Chapter 10, Water Quality Management Handbook. In Region 5 Forest Service Handbook (R5 FSH) 2509.22 - Soil and Water Conservation Handbook. Southwest Region, Vallejo, CA. Available: http://www.sierranevadaconservation.org/wp-content/uploads/2014/05/USFS-Water-quality-handbook.bmps_.2011.pdf.
- USFWS. See U.S. Fish and Wildlife Service.